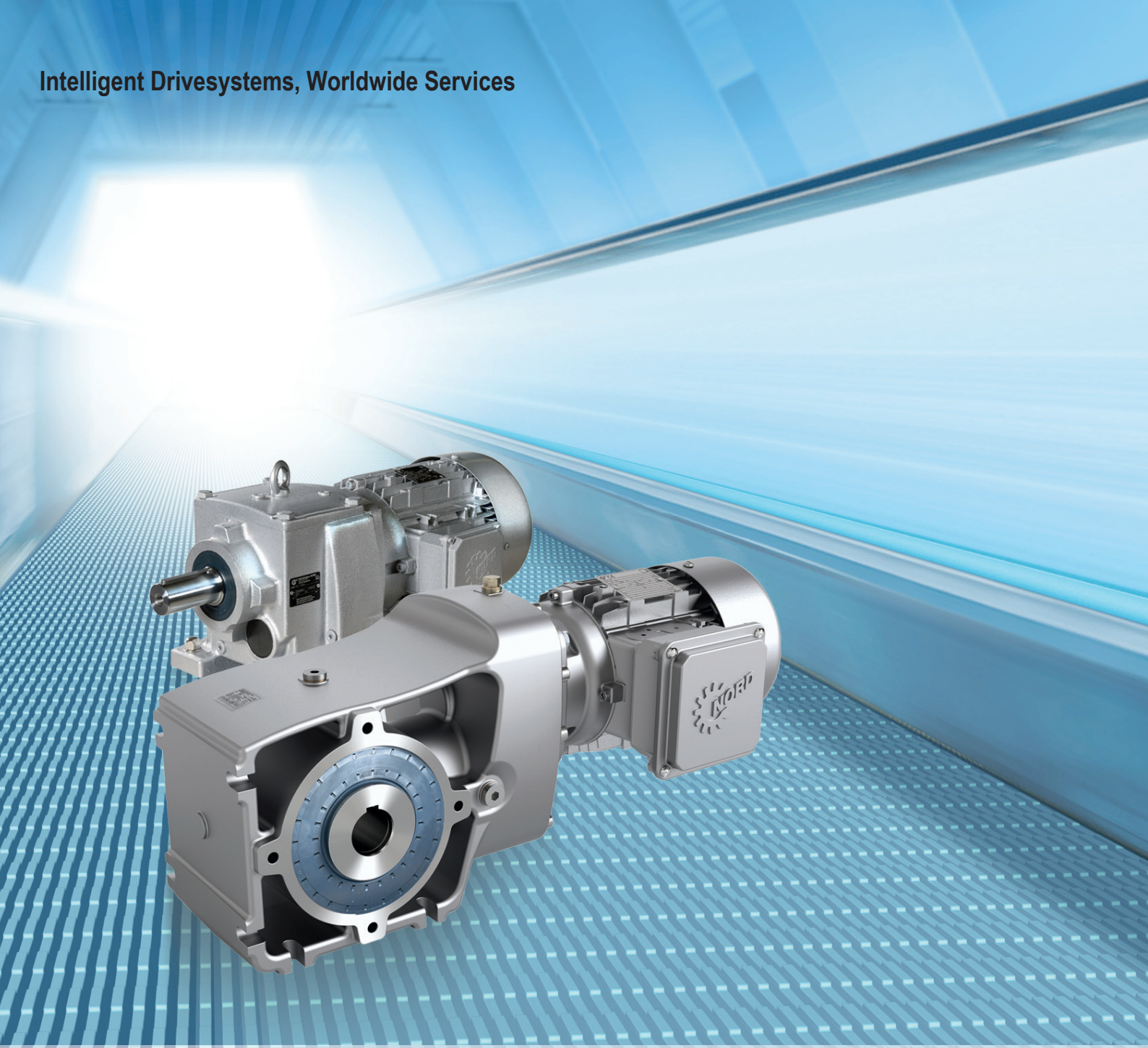
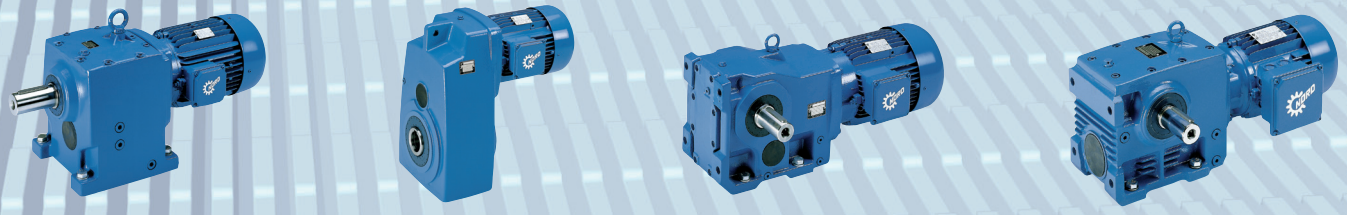
Intelligent Drivesystems, Worldwide Services





EN

# CONSTANT SPEEDS
# G1000 IE3
## 50 Hz • mm

NORD® DRIVESYSTEMS

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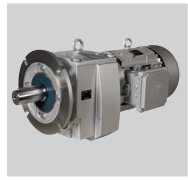


NORD DRIVESYSTEMS

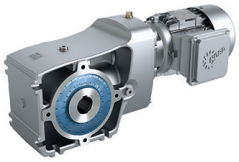
www.nord.com

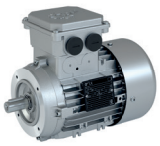
# NORD DRIVESYSTEMS Group

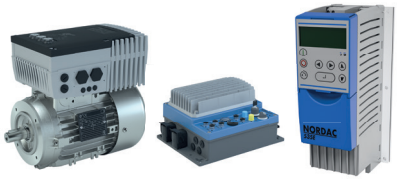
## Headquarters and Technology Centre

- in Bargteheide, close to Hamburg

| Mechanical products | Electrical products | Electronic products |
|---|---|---|
| Gear units | Motors | Inverters, motor starters and distribution systems |








## Innovative drive solutions

- for more than 100 branches of industrial

Gear unit production

Motor production

Inverter production

## 7 state-of-the-art production plants

- produce gear units, motors and inverters also for complete drive solutions from a single source

The above map image is for information purpose and may not have been prepared or be suitable for legal purpose and we do not own any responsibility for correctness or authenticity of the same.

## Subsidiaries and sales partners in 98 countries on 5 continents

- provide local stocks
- assembly and production centres
- technical support
- customer service

## More than 4,000 employees throughout the world

- create customer oriented solutions

# Catalogue G1000 IE3 • 50 Hz
# Introduction

## European Ecodesign Directive

The EU Directive 2009/125/EC, otherwise known as the Ecodesign Directive, came into effect in October 2009. This forms the framework for the improved environmental performance of products relevant to energy consumption.The directive 640/2009 applies to industrial electric motors.

According to this directive, from 16 June 2011, only electric motors for certain applications in the power range 0.75 kW to 375 kW may be sold.

According to this, **0.75 kW to 5.5 kW** electric motors must at least comply with efficiency class **IE2**. As of 1 January 2015, **7.5 kW to 375 kW** electric motors must at least comply with the efficiency standard **IE3**. As of 1 January 2017, all electric motors in the power range **0.75 kW bis 375 kW** must at least comply with the efficiency standard **IE3**.

## The new IE efficiency scal

In Part 30 of the IEC standard 60034, a 3-level IE scale (International Energy Efficiency Class) is defined for rotating electrical machines. IE replaces the earlier EFF designation and furthermore provides a single international efficiency rating and testing scheme that harmonises motor efficiency levels around the world.

Further information is provided in our motor catalogue M7000 and online at www.nord.com/IE3.

## Catalogue G1000 IE3 - Contents

The motors listed in this catalogue comply with energy efficiency class IE3.
For the sake of completeness, motors with powers from 0.12 to 0.55 kW, which are not subject to the IE3 standard are also listed. The directive does not apply to motors with these powers.

## Changes compared with previous catalogues

The efficiency classes have increased the number of types of electric motors as well as the extent of their descriptions. For motors as well as brake motors and brakes, a separate and revised electric motor catalogue M7000 is now available.

In addition, the general spare parts list is available as a separate brochure for each series of gear units. These brochures have been revised and supplemented with exploded drawings.

If you require these, please request the catalogue and the individual brochures.

**You can find the catalogues and brochures on the NORD homepage under www.nord.com - Heading: DOCUMENTATION**

## Important technical improvements

In this G1000 IE3 catalogue you will essentially find the same range of products as in catalogue G1000 IE1/IE2. The following optimisations are possible for motors of efficiency classes IE3/IE2 and IE1 as well as for motors which are subject to other regulations.

- The 2-stage NORDBLOC.1 bevel helical gear unit series is available in 5 sizes and two series. With the SK93072.1 - SK93772.1 series it is possible to machine the horizontal and vertical surfaces of the housing in order to achieve the axis heights of the SK92072.1 to SK92772.1 series. It is also possible to position threaded holes in the same location as the foot mounting holes of the SK92072.1 to SK92772.1 series, so that this housing can be optionally converted to a foot mounted housing with B14 attachment. On request, this version can also be implemented by reworking.

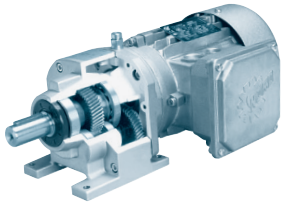
  (SK92072.1 - SK92772.1 ⇨📖 **E60-69**,
  SK93072.1 - SK93772.1 ⇨📖 **E70-79**).

- The new parallel shaft gear units SK 10382.1 and SK 11382.1 have replaced the parallel shaft gear units SK10282 / SK 10382 and SK 11282 / SK 11382. Since there are now significant overlaps in the torque and speed ranges of NORD industrial gear units and parallel shaft gear units, the new parallel shaft gear unit types SK 10382.1 and SK 11382.1 make use of the synergy effects that are available. The new NORD parallel shaft gear unit models do not just provide logistical advantages because of the use of industrial gear unit gear wheels, but also offer technical advantages because the gear tooth profile is a more modern design. This leads to increased safety and reduced weight (⇨📖 **D80-84**) .

### Efficiency class IE1 motors which are not subject to the new regulation and special motor

Naturally, NORD continues to supply the proven and low cost motors for all individual cases which are not subject to the regulations described above. These motors are listed in the catalogue **G1000 IE1**.

# Content
# Catalogue G1000 IE3 • 50 Hz

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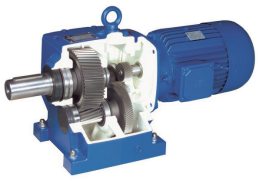


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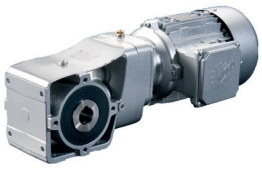

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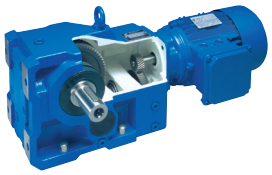

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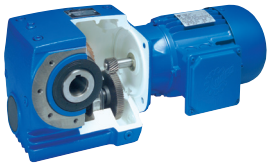

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# Product and catalogue overview

## Helical gear unit (Catalogue G1000)

- ✓ Foot or flange mounted versions
- ✓ UNICASE housing

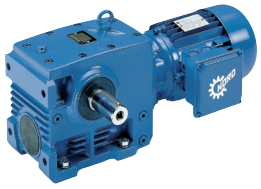
| | |
|---|---|
| Sizes | 11 |
| kW | 0.12 – 160 |
| Nm | 23 – 23,160 |
| i | 1.24:1 – 14,340.31:1 |

## Parallel shaft gear units (Catalogue G1000)

- ✓ Push-on, foot or flange mounted versions
- ✓ Hollow or solid shaft
- ✓ Compact design
- ✓ UNICASE housing

| | |
|---|---|
| Sizes | 15 |
| kW | 0.12 – 200 |
| Nm | 65 – 90,000 |
| i | 4.03:1 – 6,616.79:1 |

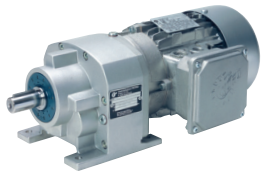
## Helical worm gear units (Catalogue G1000)



- ✓ Push-on, foot or flange mounted versions
- ✓ Hollow or solid shaft
- ✓ UNICASE housing

| | |
|---|---|
| Sizes | 6 |
| kW | 0.12 – 15 |
| Nm | 46 – 3,090 |
| i | 4.40 :1 – 7,095.12:1 |

## NORDBLOC.1 helical gear units (Catalogue G1000, G1012)



- ✓ Foot or flange mounted versions
- ✓ Die-cast aluminium housing (5 sizes)
- ✓ UNICASE housing
- ✓ Dimensions according to industrial standards

| | |
|---|---|
| Sizes | 8 |
| kW | 0.12 – 37 |
| Nm | 55 – 3,300 |
| i | 2.10 :1 – 456.77:1 |

## 2-stage bevel gear units (Catalogue G1000, G1014)

- ✓ Up to 97% efficiency
- ✓ Push-on, foot or flange mounted versions
- ✓ Hollow or solid shaft
- ✓ UNICASE housing
- ✓ Die-cast aluminium housing

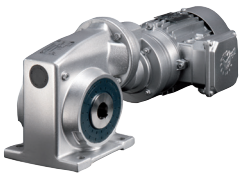
| | |
|---|---|
| Sizes | 5 |
| kW | 0.12 – 9.2 |
| Nm | 90 – 660 |
| i | 3.55:1 – 70:1 |

## 3-stage bevel gear units (Catalogue G1000)

- ✓ Up to 95% efficiency
- ✓ Push-on, foot or flange mounted versions
- ✓ Hollow or solid shaft
- ✓ UNICASE housing

| | |
|---|---|
| Sizes | 11 |
| kW | 0.12 – 200 |
| Nm | 180 – 50,000 |
| i | 8.04:1 – 13,432.68:1 |

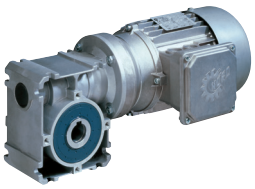
## SMI worm gear units (Catalogue G1035)



- ✓ Smooth surface
- ✓ Lifetime oil filling

| | |
|---|---|
| Sizes | 4 |
| kW | 0.12 – 1.5 |
| Nm | 21 – 246 |
| i | 5.00:1 – 540.0:1 |

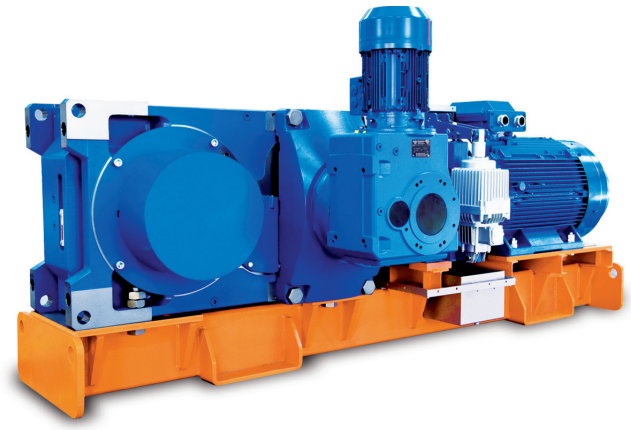
## SI worm gear units (Catalogue G1035)



- ✓ Modular
- ✓ Universal fastening facilities
- ✓ IEC versions

| | |
|---|---|
| Sizes | 5 |
| kW | 0.12 – 4.0 |
| Nm | 21 – 427 |
| i | 5.00:1 – 3,000.00:1 |

## Industrial gear units (Catalogue G1050)



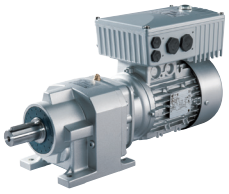
- ✓ All bearing points and sealing surfaces are machined in one operation
- ✓ No separating joints in the housing, therefore no sealing surfaces subject to torque
- ✓ High-precision axis alignment, quiet running
- ✓ Long life, low maintenance
- ✓ Short, compact design
- ✓ Gear ratios from 5.54 to 400: 1 with the same foot dimensions
- ✓ Parallel axis and right-angled gear units

| | |
|---|---|
| Sizes | 11 |
| kW | 2.2 – 1,000 |
| kNm | 25/30/40/50/74/101/141/242 |
| i | 5.54:1 – 1,600.00:1 |

## IE2/IE3 motors and components for decentralised drive control (Catalogue M7000)

- ✓ Single and 3-phase electric motors
- ✓ Further range of starters and components for decentralised drive control

## SK 180E (F3018)



- ✓ PLC functionality
- ✓ Energy-saving function
- ✓ Ethernet-based BUS systems
- ✓ Decentralised modules combined as a system
- ✓ On board AS interface

| | |
|---|---|
| Sizes | 2 |
| U[V] | 1~100 … 120 ± 10%<br>1~200 … 240 ± 10%<br>3~380 … 480 -20% / +10 % |
| P[kW] | 0.25 – 2.2 |

## SK 200E (F3020)

- ✓ PLC functionality
- ✓ "Safe Stop" compliant with EN 954-1
- ✓ Commissioning via integrated DIP switches and potentiometers possible
- ✓ Energy-saving function
- ✓ Ethernet-based BUS systems
- ✓ Performance grading according to application
- ✓ Decentralised modules combined as a system
- ✓ Integrated “Posicon” positioning control
- ✓ On board AS interface versions

| | |
|---|---|
| Sizes | 4 |
| U[V] | 1~100 … 120 ± 10%<br>1~200 … 240 ± 10%<br>3~200 … 240 ± 10%<br>3~380 … 500 -20% / +10 % |
| P[kW] | 0.25 – 22 |

## SK 500E (F3050)

- ✓ PLC functionality
- ✓ Compact design
- ✓ Energy-saving function
- ✓ Performance grading according to application (e.g.: "Posicon" positioning control)
- ✓ Push-on modules for control and communication (field bus)
- ✓ Ethernet-based BUS systems

| | |
|---|---|
| Sizes | 11 |
| U[V] | 1~110 … 120 ± 10%<br>1/3 ~200 … 240 ± 10%<br>3~200 … 240 ± 10%<br>3~380 … 480 -20% /+10 % |
| P[kW] | 0.25 – 160 |

# Description of gear units

## NORD gear units

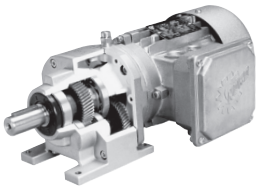
NORD gear units in the tried-and-tested Unicase series were developed according to the UNICASE principle. This applies to all versions, such as foot, flange and shaft mounted gear units.

“UNICASE” designates a single housing block into which all bearing mounts are integrated. The UNICASE is machined in a single setup on the very latest CNC machines. The unicase concept features extreme precision, rigidity and strength. There is no joint between the output side and the gear unit housing which is subject to radial forces or torque. The housings are made of cast iron or cast aluminium. Ductile cast iron housings are available on request.

The pinions and gears are made of the highest quality alloyed steel; the teeth are case-hardened (except for worm gear units).

Optimised geometries and precise shaft alignment due to the UNICASE provide excellent load-bearing capacity, long operating life and low noise. The gears, bearings and shafts are calculated according to DIN 3990, DIN ISO 281 or Niemann for all powers and speeds shown in the catalogue. All NORD gear units therefore provide the very highest levels of safety and reliability.

Bearings and gears run in an oil bath. In addition to the positive locking keyed connection, the gears in the gear unit also have a pressed connection between the shaft and hub.
Normally, shaft seals made of NBR material are used. Shaft seals made of FKM (Viton) are available as an option.



- From 0.12 - 37 kW
- Up to 3,300 Nm
- Available in 8 sizes

### NORDBLOC.1 helical gear units

NORDBLOC helical gear units are available in 8 sizes. Sizes SK 072.1 und SK 172.1 always have 2 stages. Sizes SK 372.1 - SK 973.1 have optionally 2 or 3 stages in the same gear unit housing with the same dimensions.

The housings of the new NORDBLOC types are smooth and are made from die-cast aluminium up to and including size SK 673.1 The housings of the larger gear units SK 772.1 - SK 973.1 are made of cast iron.

The aluminium housing considerably reduces the weight and enables very economical series production. The smooth aluminium surfaces have a robust, natural corrosion protection (⇨🕮A80). Because of this, painting is not provided as standard, but is possible if required.

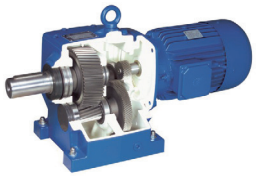
The NORDBLOC design enables the installation of stronger bearings in comparison with the previous series. This results in higher permissible radial and axial forces and a longer service life. As usual, geared motors can be implemented with economical direct attachment of the motor. For more information, please refer to ⇨🕮 Catalogue G1012.

### Information for special gear unit versions

| Gear unit | Information |
|---|---|
| **SK 372.1 / SK 373.1** ⚠<br>⇨🕮 B50-51, B80 | Gear unit size SK 372.1 or 373.1 is available with a B5 Ø120 mm drive flange. For this version, the drive shaft is 28 mm longer.<br>**The permissible radial forces are reduced by 30%.** |
| **SK 572.1 / SK 573.1** ⚠<br>⇨🕮 B52-53, B81 | Drive unit size SK 572.1 or 573.1 with Ø35 mm drive shaft is available with a B5 Ø140 mm or Ø160 mm drive flange. For this version, the drive shaft is 33 mm longer.<br>**The permissible radial forces are reduced by 30%.** |
| **SK 572.1(*) / SK 573.1(*)** ⚠<br>⇨🕮 B54-55, B81-82 | Gear unit size SK 572.1 or SK 573.1 is available with a Ø35x70 mm output shaft (standard) or with a Ø30x60* mm output shaft.<br>The permissible radial forces which are stated in the power and gear ratio tables relate to a Ø35x70 mm drive shaft.<br>**For a Ø30x60* mm shaft the permissible radial force is reduced by 30%.** |

**The required version must be stated in the order**

## Helical gear units



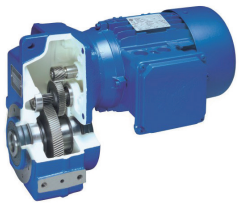
2-stage helical gear units with coaxial motor and drive shafts are available in 11 sizes (SK 02 ... SK102).

The 6 smaller versions can also be supplied as 3-stage gear units with an add-on housing (SK 03 ... SK 53) for higher gear ratios. The 5 larger sizes can be optionally supplied as 2- or 3-stage units in the same housing (SK 62/63 ... SK 102/103). Double gear units with 4- , 5- and 6-stages are available for very high gear ratios.

Helical gear units are available in both foot and flange versions. For flange version helical gear units, the flange is cast on; therefore there are no screw connections between the flange and the housing.

- From 0.12 - 200 kW
- Up to 23,000 Nm
- Available in 11 sizes

## Parallel shaft gear units



The parallel axle offset for parallel shaft gear units results in a shorter design in comparison with helical gear units. In push-on versions with a continuous hollow shaft, the gear unit can be mounted directly onto the drive shaft of the machine.

Sizes SK 1282 to SK 5282 are available as 2-stage versions.
SK 2382 to SK 5382 have a 3-stage design and can be used for higher gear ratios with the aid of an additional add-on housing. For parallel shaft gear unit sizes SK 6282/SK 6382 and above, the gear units are produced as 2- and 3-stage versions with the same housing.

- From 0.12 - 200 kW
- Up to 90,000 Nm
- Available in 12 sizes

The parallel shaft gear unit types SK10282 / SK 10382 and SK 11282 / SK 11382 have been replaced by the two new parallel shaft gear units SK 10382.1 and SK 11382.1.

**2 new parallel shaft gear units SK10382.1 / SK11382.1**

The new parallel shaft gear unit models are always 3-stage. A NORD motor can be attached directly without a coupling. As an alternative to the more favoured direct motor attachment, adapters for IEC and NEMA motors and adapters for a free input shaft can be attached.

**They cover the following range of outputs and speeds.**

| Parallel shaft gear unit type | Powers $P_1$ | Max drive torque $M_{2max}$ | Gear ratio range $i_{ges}$ | Speed range $n_2$ |
|---|---|---|---|---|
| SK 10382.1 | 5.5 - 160 kW | 43 kNm | 11.12 - 343.19 | 4.3 - 134 rpm |
| SK 11382.1 | 22 - 200 kW | 73 kNm | 8.13 - 167.17 | 8.8 - 134 rpm |

These gear units have a cast iron housing with an extremely smooth surface in which the NORD block housing principle has been used. This means that robustness is incorporated right from the start.

As standard, the housings have a cast torque support, an output-side B14 flange and machined foot surfaces with threaded attachment holes. Screw-on B5 flanges and mounting feet are optionally provided.

At the output side, full shafts, hollow shafts with feather keys, hollow shafts with shrink disks and hollow shafts with splined brake drive dogs are provided as standard.

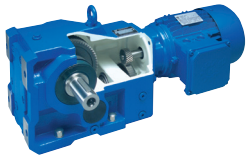
**Adapting the axis height**

It is possible to adapt the axis height of the SK 11382.1 gear unit to the dimensions of the old gear unit types SK 11282 / SK 11382. Spacers for this are available as options. The axis height is the measurement from the foot plate to the drive shaft.

# Description of gear units

## Bevel gear units

### 3 and 4-stage bevel gear units



- From 0.12 - 200 kW
- Up to 50,000 Nm
- Available in 16 sizes

Bevel gear units are angular gear units in which the motor shaft and the output shaft form a 90° angle. This results in a favourable spatial arrangement of the drive unit.
NORD bevel gear units always have multiple gear stages.

**The configuration of stages is as follows:**

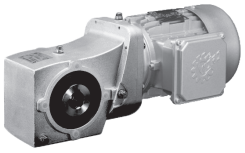
| | 2-stage | 3-stage | 4-stage |
|---|---|---|---|
| Helical gear stage | – | – | 1st stage |
| Helical gear stage | 1st stage | 1st stage | 2nd stage |
| Bevel gear stage | 2nd stage | 2nd stage | 3rd stage |
| Helical gear stage | – | 3rd stage | 4th stage |

Bevel gear units are available with an integrated backstop.
The bevel gear can be placed to the left or right of the bevel pinion, in order to reverse the direction of rotation between the drive shaft and output shaft.

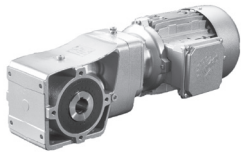
**Efficiency η:**

The great advantage of a bevel gear unit is its almost constant efficiency over the entire gear ratio range, which practically equals that of helical and parallel shaft gear units.

### 2-stage bevel gear units



SK 93072.1 - SK 93772.1



SK 92072.1 - SK 92772.1

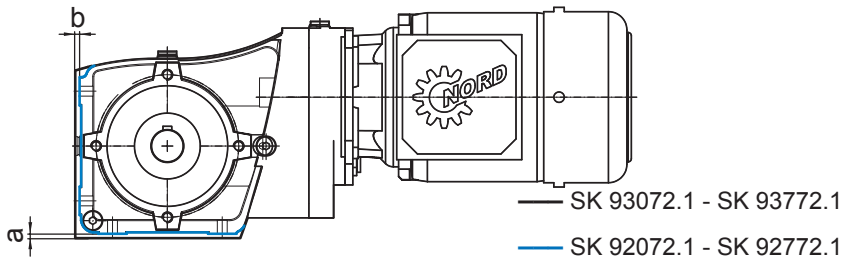
- From 0.12 - 9.2 kW
- Up to 660 Nm
- Available in 5 sizes

The new optimised performance two-stage bevel helical gear units are an innovative NORD design with a high-strength die-cast aluminium housing.

In addition, NORD offers the gear unit series **SK 93072.1 - SK 93772.1** with cast aluminium housings, which is suitable for use in the food industry because of its especially smooth surface. **If you are interested, please contact us.**

Because the power data for the gear unit series **SK 93072.1 - SK 93772.1** are identical to those for the SK 92072.1 - SK 92772.1 gear unit series, for reasons of clarity, this catalogue only contains selection lists for the gear unit series SK 92072.1 - SK 92772.1.

Please note that for the SK 93072.1 - SK 93772.1 gear unit series, only flange mounting is available as standard. The flange mounts of both series are identical. The outline contours of both series of gear units only differ slightly as follows:

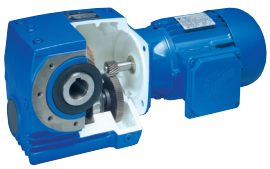



| Size | | SK 93072.1 | SK 93172.1 | SK 93372.1 | SK 93672.1 | SK 93772.1 |
|---|---|---|---|---|---|---|
| a | [mm] | 3 | 2 | 4 | 4.5 | 5 |
| b | [mm] | 3 | 2 | 4 | 4.5 | 5 |

### nsd tupH surface treatment

For the gear unit types NORDBLOC.1 helical gear units and 2-stage bevel helical gear units, there is the option of treating the die-cast aluminium housing or the cast aluminium housing with **nsd tupH**. **This surface treatment provides special protection against corrosion.**

## Helical worm gear units



- From 0.12 - 15 kW
- Up to 3,000 Nm
- Available in 6 sizes

Helical worm gear units are angular gear units in which the motor shaft and the output shaft form a 90° angle. This often results in a favourable spatial arrangement of the drive unit. The helical worm gear units listed in this catalogue have multiple stages. NORD also supplies single-stage worm gear series which are listed in catalogue G1035. **Please request our catalogue G1035.**

The helical gears of helical worm gear units are made of highly alloyed steel with case-hardened teeth. Optimised geometries and precise shaft alignment due to the UNICASE principle provide excellent load-bearing capacity, long operating life and low noise.

The worm stage has a hardened cylinder worm as well as a worm gear with a welded-on rim made of special bronze. This combination ensures a long operating life. We provide the highest possible and constantly high quality thanks to the use of the very latest CNC machine tools and continuous monitoring.

The helical worm gear unit series is lubricated for life at the factory with a high-quality, synthetic long-life lubricant with a polyglycol base. This synthetic lubricant prevents friction and provides a very high degree of efficiency and a long service life.
The helical worm gear units SK 02050 - SK 42125 are available as 2-stage versions and can also be produced with add-on housings as SK 13050 ... SK 43125 with 3-stages for higher gear ratios.

### Efficienc η:

NORD worm gear units achieve efficiencies up to 92%.

Because the worm gear set in new gear units must be run in, the friction coefficient is larger before running in than it is afterwards. Because of this, the efficiency is slightly lower before running in. This effect is increased at lower incline angles, i.e. with a lower number of starts in the worm.

### Based on experience, the following allowances should be made:

- Single start up to approx. 12%
- 2-start up to approx. 6%
- 3-start up to approx. 3%
- 6-start up to approx. 2%

The number of worm threads is listed in the output and gear ratio tables. The run-in procedure is completed after approx. 25 hours operating time at maximum load.

### The following conditions must be met in order to achieve the efficiencies shown in the tables:

- Gear unit is fully run-in
- Gear unit has reached steady state temperature
- The gear unit is filled with the specified lubricant
- The gear unit outputs the rated torque

# Description of gear units

## W and IEC adapters

With type W gear units (with free input shafts), the maximum drive output listed in the output and gear ratio tables applies. With type IEC gear units, the standard power for each size according to DIN EN 50347 applies, but with the maximum power listed in the output and gear ratio tables.

For higher speeds than those stated in the power and ratio tables, special measures may be necessary. Please contact us.

## Type W gear units

For gear units with type W free input shafts, the input shaft bearings must be regularly lubricated. For size SK 62 or SK 6282 with 2-stage gear units, and for size SK 73, SK 7382 or SK 9072.1 and above with three-stage gear units we recommend that the exterior roller bearings of the input shaft are lubricated (using the lubricating nipple provided) with approx. 20 to 25 g of grease at approx. every 2,500 operating hours. Recommended grease: Petamo GHY 133 N Klüber Lubrication).

An automatic lubricator is available if required. Fans on the input shaft for better cooling of the gear unit are also included in the scope of delivery, please enquire..

## Gear units with IEC adapters ≥ 160

## Automatic lubricators

Gear units with IEC adapters ≥ 160 for two stage gear units of sizes SK 62 and SK 6282 and larger, as well as three-stage gear units of sizes SK 73, SK 7382 and SK 9072.1 and larger are equipped as standard with an automatic lubricator which supplies lubricant to the external roller bearings of the drive shaft. The lubricator continuously supplies lubricant to the bearings. The lubricator is filled with 120 $cm^3$ of grease. Before commissioning the gear unit, the automatic lubricator should be activated and then exchanged every 12 months. This applies for an average running time ≤ 8 hours/day. For longer running times, the interval between exchanging is reduced to 6 months.

The lubricator is designed for normal use at ambient temperatures from 0°C to 40°C. If the ambient temperature differs from the specified standard value for longer periods of time, special lubricators should be used. Please enquire.

## Installation position M2 or M4

Under certain operating conditions, the IEC adapter with motor size ≥ 160 with the automatic lubricator is not suitable for installation positions in which the motor is vertically upright. In this case, direct mounting of the motor is recommended.

The vertical IEC adapter with motor size ≥ 160 (installation position M2 or M4) must be checked and approved by NORD according to the actual operating conditions. Please note.

For vertical arrangements with the motor facing downwards (mounting position M2), the service life of the seal may be reduced. In this case, we recommend shorter maintenance intervals.

The smaller gear units with IEC adapters up to size SK 52 and SK 5282 (for two-stage gear units) and up to size SK 63, SK 6382 and SK 9052.1 (for three-stage gear units) have bearings which are specially sealed and lubricated for their service life. These are maintenance-free.

The IEC adapter coupling for motor sizes 63 to 180 is not fail-safe. (Exception: IEC motor sizes 160 and 180 if the automatic lubricator is used. From IEC 200 and higher, the couplings used are fail-safe.) With hoists, lifts and other applications where there is a danger of personal injury, special measures are required. Please enquire.

## We recommend direct mounting of the motor

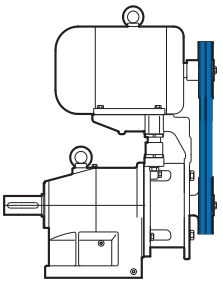
In contrast to the directly mounted motors, the IEC adapter has an additional shaft coupling and additional bearing seats. This results in higher no-load losses in comparison with directly mounted motors. We recommend direct mounting of the motor, as this not only provides technical advantages, but also offers price advantages.

## Maximum permitted motor weights

| IEC-BG | 63 | 71 | 80 | 90 | 100 | 112 | 132 |
|---|---|---|---|---|---|---|---|
| kg | 25 | 30 | 40 | 50 | 60 | 80 | 100 |
| **IEC-BG** | **160** | **180** | **200** | **225** | **250** | **280** | **315** |
| kg | 200 | 250 | 350 | 500 | 700 | 1000 | 1500 |

## MK motor bracket

By using the MK motor bracket, the designer has further constructional possibilities for the design of machines and systems. The motor bracket is designed so that it can be combined with all versions of NORD UNICASE gear units.



### Decisive advantages of the NORD motor bracket for users:

- Lightweight, vibration-damping aluminium construction
- Corrosion resistant, easy-to-use height adjustment for optimum belt tension
- Corrosion-resistant fastening elements
- Can be used for all versions
- Pivotable up to 90°in all directions
- Suggestion for gear ratio i = 1.0 according to Table⇨🕮A49
- Motor bracket with holes for various motor sizes

Five motor bracket sizes cover all motor-gear unit combinations. See the selection tables for the particular arrangements ⇨🕮A49, which are also valid for the corresponding double gear units.

# Description of gear units

## Notes on gear units and geared motors

### Vertical mounting positions

Gear units and gear motors may be mounted in positions with vertical shafts. (Exception: IEC adapters with certain sizes). For these versions, the gear units are filled with increased amounts of lubricant. Some gearbox types are also equipped with specially sealed, grease-lubricated bearings. With these versions there are higher oil losses due to splashing, which causes greater heating of the gear unit (note the limiting thermal power ⇨🕮 A18).

### Oil expansion tank

For vertical and top mounted motors (installation position M4) and gear ratios <20, oil expansion chambers are strongly recommended, in order to prevent the escape of oil through the air vent. Please contact us, so that we can suggest a solution adapted to your particular drive application.

### Outdoor installation, use in the tropics

When installed outdoors, in damp rooms, or when used in the tropics, special seals and anti-corrosion measures are required. Please inform us of such use when ordering.

### Special ambient conditions

**Special ambient conditions include, e.g.:**

- Aggressive or corrosive materials (contaminated air, gases, acids, bases, salts, etc.) in the environment
- Very high relative humidity or contact between the gear unit motor and liquids
- Severe dirt, dust or sand deposits on the gear unit motor
- Severe air pressure fluctuations
- Radiation
- Extremely high or low ambient temperatures or temperature changes
- Vibrations, accelerations, shocks, impacts or other abnormal ambient conditions

In case of special ambient conditions, including during transport or storage prior to commissioning, these should be taken into account in the planning stage of the project. Please contact us.

### Storage before commissioning

Special measures

Prior to commissioning the gear units and geared motors must only be stored in dry rooms. For longer periods of storage, special measures are necessary. Please request the “Operating and Assembly Instructions B1000”, which are available for download on the Internet at www.nord.com.

### Ventilation

As standard the gear units have a vent which compensates for damaging differences in air pressure between the interior of the gear unit and the environment. This vent is closed on delivery, in order to avoid oil leakage during transport. Prior to commissioning, the vent must be activated by removing the sealing plug. Pressure relief vents are available as an option.

## Double gear units

With 4-, 5- and 6-stage double gear units, there is a relevant no-load loss due to the many rotating parts and the relatively small drive input power. Therefore a no-load loss of approx. 40 watts for 4-pole motors up to 0.75 kW is taken into account in the performance tables.

## Drives for blowers, agitators, mixers and fans

Drives for ventilators, agitators and mixers in sewage treatment plants, in anaerobic digesters for biogas and in process engineering as well as fan drives (e.g. in cooling towers) are normally subject to extremely harsh operating conditions:

- 24-hour continuous operation at nominal torque or nominal power
- Large inertia at the output with low gear ratios
- Vibrations in the drive chain, and with direct positioning of the mixer or ventilator shaft in the gear unit, high oscillating bending moments and forces on the drive shaft
- Vertical installation
- Outdoor installation, i.e. humidity and aggressive media, as well as severe changes in temperature with the formation of condensation
- High environmental protection is required, i.e. complete sealing, safe oil servicing and a low noise level

## Special measures

From experience, NORD has developed a package of special measures to cater for these special conditions of use. Therefore NORD urgently recommends that these special measures are provided. Please contact us.

## Operating factor $f_B$

A minimum operating factor of $f_B$ 1.7 must be selected for agitator and mixer drives due to the heavy loads. NORD recommends an operating factor $f_B$ greater than 2.0. For drives running on frequency inverters care must be taken that no control-induced vibrations are generated e.g. by means of slip-compensation. Please note that a possible speed increase via frequency inverter will increase the absorbed power by a power of three.

**The operating factor $f_B$ must therefore always be with reference to the maximum speed.**

# Gear unit selection

## Selecting a suitable gear unit

The selection of a gear unit assumes the use of NORD three-phase asynchronous AC-motors or single phase AC-motors and also applies for technically comparable motors. For the use of other motors, e.g. servo motors, please contact NORD.

The following important instructions on selection of gear units must be strictly observed otherwise overloading of the drive is probable. In this case the warranty is void.

If in doubt, please contact the responsible NORD sales office, so that we can check the gear unit design together with you. In our mutual interests, problems caused by overloading the gear units should be avoided under all circumstances.

### Criteria

### Selection criteria are:

**Mechanically transferable power P**

1. This is taken into account by the operating factor $f_B$ in the relevant table in the catalogue. The next chapter ⇨🕮A17 describes the determination of the required operating factor.

**Thermal limiting power**

2. This must not be exceeded for long periods (3h) so that the gear unit does not overheat. The thermally transferable power represents a possible limit for following larger gear units:
   - two-stage gear units from size SK62, SK6282 and SK9x672.1
   - three-stage gear units from size SK73, SK7382 and SK9072.1

**Consult NORD**

We recommend consultation with NORD and precise examination of the application if two or more of the following points apply:

- Vertical installation (installation position M2 or M4, ⇨🕮A67)
- Type IEC motor mounting, or type W free drive shaft
- Drive power $P_1$ > 100 kW
- Gear ratio $i_{ges}$ < 20 (for bevel gear units $i_{ges}$ < 40)
- Drive speeds $n_1$ > 1500 rpm
- High ambient ambient temperature > 40°C

In general, please consult NORD if there are special installation conditions, e.g. enclosing of the gear unit, heat radiation, installation in confined spaces etc. Special measures are available to prevent thermal overload (oil coolers etc.), please contact us.

## Input power and operating factor

The required drive power for each application is determined by measurement or calculation. The rated power of the motor $P_1$ must be selected according to this. It is normally slightly higher than the required power because safety factors for special operating conditions of the specific application must be observed, and rated motor powers are generally available in standard power ranges. Brief and infrequent torque impulses do not need to be taken into account when selecting the rated power of a three-phase AC-motor. When operating a three-phase AC-motor on a frequency inverter, additional factors influence the selection of the rated output; in this case, please make a detailed enquiry.

In contrast to the motor, short-term and infrequent torque impulses significantly influence the load and selection of the gear unit.

**Minimum operating factor $f_{Bmin}$**

The gear unit operating factor $f_B$ takes this and further effects on the gear unit into account with sufficient accuracy. Diagram 1 shows the required minimum operating factor $f_{Bmin}$ dependent on the daily operational time, the number of switching cycles Z, and the application load classification A, B, or C.

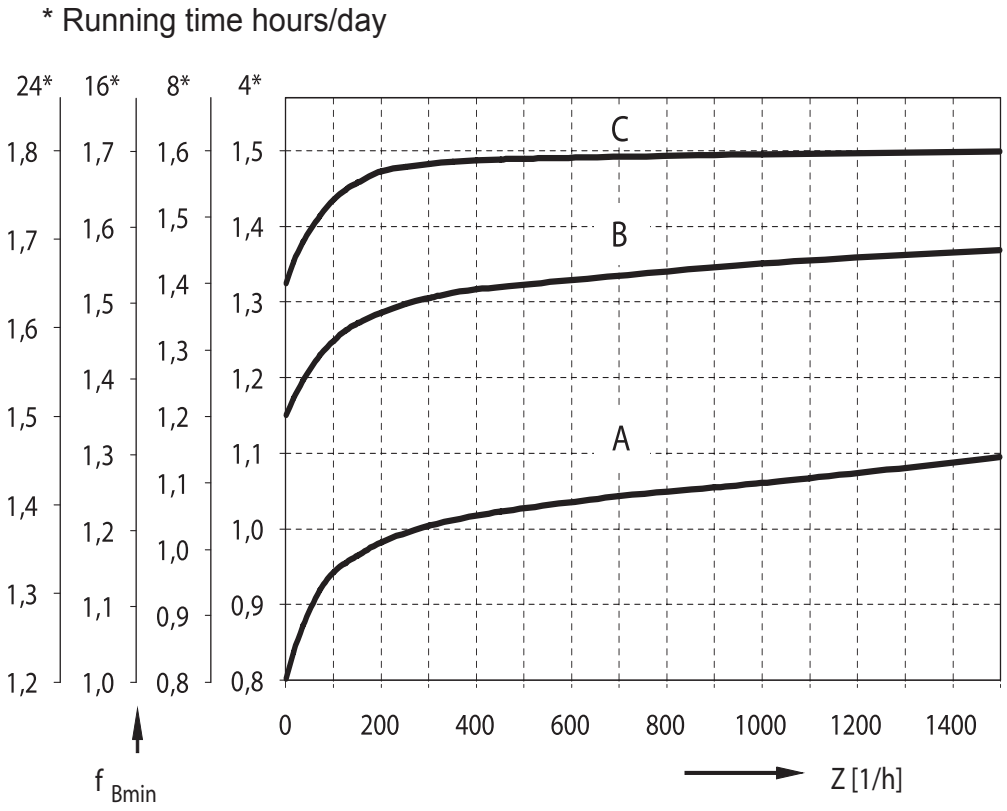



Diagram 1: Minimum operating factor $f_{Bmin}$

**Mass acceleration factor**

Depending on the uniformity of operation and the mass acceleration factor, a distinction is made between three load classifications (⇨🕮A18).
While impacts from the machine that is being driven are described in the classification of uniformity of operation, the mass acceleration factor determines the load peaks on switching.

**Classification of uniformity of operation**

The following list of typical application examples takes into consideration a considerable amount of experience in the classification of uniformity of operation (⇨🕮A18).

# Gear unit selection

## Classification of uniformity of operation

**Uniform operation**

**A)**

Light screw conveyors, fans, assembly belts, light conveyor belts, small agitators, elevators, cleaning machines, filling machines, controlling machines and belt conveyors.

**Non-uniform operation**

**B)**

Decoilers, feed drives for wood processing machines, hoists, balancing machines, tapping units, heavy conveyor, belts, winches, sliding doors, dung removal machines, packaging machines, cement mixers, crane travelling mechanisms, mills, bending machines and gear pumps.

**Extremely non-uniform operation**

**C)**

Agitators and mixers, shears, presses, centrifuges, rolling stands, heavy winches and lifts, grinding mills, stone crushers, bucket elevators, punching machines, hammer mills, eccentric presses, roller tables, tumbling barrels, folding machines, shredders, choppers and vibrators.

**Load classification**

The load classification results from the uniformity of operation and from the mass acceleration factor $m_{af}$ according to the following table. Here, the load classification from either the operation or the mass acceleration factor applies, whichever is the higher.

Example: non-uniform operation and $m_{af}$ = 0.2 results in load classification B

**Mass acceleration factor $m_{af}$**

| Load classification | Operation | Mass acceleration factor $m_{af}$ |
|---|---|---|
| A | Uniform operation | $m_{af} \leq 0.25$ |
| B | Non-uniform operation | $0.25 < m_{af} \leq 3$ |
| C | Extremely non-uniform operation | $3 < m_{af} \leq 10$ |

Whereby $m_{af}$ is the mass acceleration factor:

$$m_{af} = \frac{J_{ex.red.}}{J_{Mot.}} = \frac{J_{ex.}}{J_{Mot.}} \cdot \left( \frac{1}{i_{ges}} \right)^2$$

$J_{ex.}$ All external moments of inertia

$J_{ex.red.}$ all external moments of inertia reduced to the drive motor

$J_{Mot.}$ Moment of inertia of the motor (⇨ F4)

$i_{ges}$ Gear ratio

**Mass acceleration factor**

The mass acceleration factor $m_{af}$ represents the relationship between the masses on the external output-side and on the high-speed input-side. The mass acceleration factor $m_{af}$ significantly influences the level of torque impulses in the gear unit during start-up and braking procedures, and with vibration. The external mass moments of inertia also include the load, such as the material transported on conveyor belts.

Please consult NORD if the $m_{af} > 10$, if there is large play in transfer elements, vibration in the system, or there is ambiguity regarding the load classification, or if you are in doubt.

**Operating factor $f_B$**

The operating factor $f_B$ of the gear unit for the relevant speed is listed in the overview of powers and speeds.
The operating factor is the relationship between the maximum output torque of the gear unit $M_{2max}$ and the output torque $M_2$ resulting from the installed motor power $P_1$, output speed $n_2$ and the efficiency of the gear unit $\eta$.

$$M_2 = \frac{9550 \cdot P_1 \cdot \eta}{n_2} \text{ [Nm]} \qquad P_1 \text{ [kW]}, \quad n_2 \text{ [min}^{-1}\text{]}$$

$$f_B = \frac{M_{2max}}{M_2}$$

$$P_1 = \frac{M_2 \cdot n_2}{\eta \cdot 9550} \text{ [kW]} \qquad M_2 \text{ [nM]}, \quad n_2 \text{ [min}^{-1}\text{]}$$

**Correct gear unit selection**

For correct selection of the gear unit, the operating factor $f_B$, from the output and speed overview is larger or the same as the minimum operating factor $f_{Bmin}$ according to diagram 1

$$f_B \geq f_{Bmin}$$

**Gear unit with very high efficiency η**

**Helical, parallel shaft and bevel gear units** have a very high level of efficiency. Therefore, the simplified gear unit efficiency $\eta = 1.0$ usually produces sufficiently accurate results. The gear unit efficiency $\eta$ for helical worm gears is listed in the power and gear ratio tables for each output speed $n_2$.

**Gear unit with free drive shaft, type W**

For type W gear units (with free drive shafts), the installed drive output $P_1$ may, at the most, be:

$$P_1 = \frac{M_{2max} \cdot n_2}{9550 \cdot f_{Bmin} \cdot \eta} \text{ [kW]} \qquad M_{2max} \text{ [Nm]}, \quad n_2 \text{ [min}^{-1}\text{]}$$

**Max. drive power $P_{1max}$**

Here, the maximum drive power $P_{1max}$ must not be exceeded.

$$P_1 \leq P_{1max}$$

# Gear unit selection

The power and gear ratio tables list the relevant output speed $n_2$, the maximum output torque of the gear unit $M_{2max}$ and the maximum motor power $P_{1max}$.

**Braking torque**

With brakes attached to the drive side, e.g. braking motors, the brake torque must also be considered when selecting a gear unit. For applications with a relatively high external moment of inertia ($m_{af}$ > 2), such as is often the case with travelling drives, slewing gear, turntables, gate drives, agitators and surface ventilators it is recommended that a brake torque is selected, which does not exceed 1.2 times the nominal torque of the motor. If higher brake torques are to be used, this should be taken into account in the selection of the gear unit. In this case, please contact us.

**Energy-saving motors IE2 / IE3**

Energy-saving motors with the classification IE2 /IE3 have higher breakdown torques and performance reserves. They may also provide a permanently impermissible power if this is required by the application and is not limited electrically. This should be considered when selecting a gear unit.

**Special applications and operating modes**

Especially unusual applications and extraordinary modes of operation, such as blockages, movements against solid limit stops, reversing while in motion, changing standstill loads, and gear ratios into fast speeds must be particularly considered when selecting a gear unit. Please enquire.

## Special considerations for worm gear units

When designing worm gear units, care should be taken that multi-start worms are used, to reduce the possibility of self-locking if torque impulses, backward output torques, or large mass acceleration factors $m_{af}$ can occur.

**Number of worm threads $z_1$**

The number of worm threads $z_1$ is listed in the output and gear ratio tables. As a general rule:

| | | | |
|---|---|---|---|
| | $m_{af} \leq 0.25$ | all numbers of worm threads possible | |
| 0.25 < | $m_{af} \leq 3.00$ | Worm threads | $z_1 \geq 3$ recommended |
| 3.00 < | $m_{af} \leq 10.00$ | Worm threads | $z_1 \geq 6$ recommended |

With worm gear units, in addition to the operating factor $f_{Bmin}$ from diagram 1 (⇨📖A17), the operating factor $f_{B1}$ for the ambient temperature $T_u$ as well as the operating factor $f_{B2}$ for the duration of switch-on per hour, ED, must be taken into account. Factors $f_{B1}$ and $f_{B2}$ can be obtained from diagrams 2 and 3.

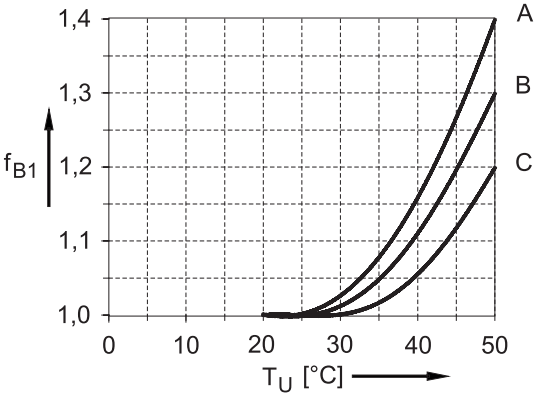



Diagram 2: Operating factor $f_{B1}$

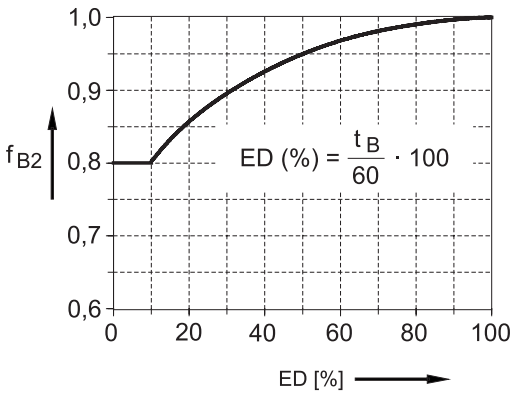



Diagramm 3: Operating factor $f_{B2}$
ED = Duration of switch-on
$t_B$ = Load time in min/h

**Correct gear unit selection**

For correct selection of the gear unit, the operating factor $f_B$ from the output power and speed overview is greater or equal to the product of the minimum operating factor $f_{Bmin}$ and the factors $f_{B1}$ and $f_{B2}$.

$$f_B \geq f_{Bmin} \cdot f_{B1} \cdot f_{B2}$$

**Worm gear units with free drive shaft, type W**

With type W worm gear units (with free drive shafts), the installed drive output $P_1$ must not exceed:

$$P_1 = \frac{M_{2max} \cdot n_2}{9550 \cdot f_{Bmin} \cdot f_1 \cdot f_2 \cdot \eta} \quad [kW]$$

$M_{2max}$ [Nm], $n_2$ [min$^{-1}$]

Here, the maximum drive power $P_{1max}$ must not be exceeded.

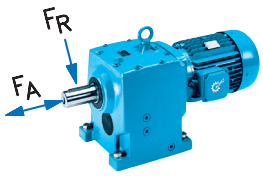
$$P_1 \leq P_{1max}$$

**For the relevant output speed $n_2$, the power and gear ratio tables contain**

- The maximum gear unit output torque $M_{2max}$
- The efficiency of the gear unit $\eta$
- The maximum motor power $P_{1max}$

The gear unit efficiency $\eta$ should be included in the above formula as a factor, e.g. 0.9 = 90%.

# Gear unit selection




## Radial forces $F_R$ and axial forces $F_A$

The tables in the output and speed overviews list the permitted radial forces $F_R$ and axial forces $F_A$, which may be applied to the final journal output shaft.

**Reinforced output shaft bearings VL**

Many gear unit types are available with optionally reinforced output shaft bearings VL
In particular we wish to point out the reinforced versions VL2/VL3 for parallel shaft and bevel gear units. This version, which is particularly suitable for agitators, is described on page ⇨🕮 A30. Please provide us with the load data. We will be glad to carry out a service life calculation for the bearings.

**Roller bearings**

**Larger radial and axial forces**

The reinforced VL version includes stronger roller bearings and in addition, a higher quality of steel for the output shaft if this is necessary for the safety of the shaft. The VL version has roller bearings instead of ball bearings on the output shaft and is therefore more suitable for larger radial and axial forces than the normal bearing version.

**Floating roller bearings**

With the larger parallel shaft gear units of size SK10282.1 and larger, as well as for bevel gear units of size SK9052.1 and larger, the normal bearings for the output shaft are heavy duty conical roller bearings. For these gear unit types, the VL version with floating roller bearings on the output side, provides further reinforcement for very large radial forces. Therefore, for these types of gear unit, normal bearings with conical roller bearings should be selected if no large radial forces, but high axial forces need to be absorbed. If in doubt, please contact the responsible NORD sales office, so that we can make the optimum gear unit selection together with you.

The radial and axial forces with reinforced bearings are identified with VL in the tables. The forces listed apply for foot-mounted and flange-mounted gear units with solid shafts. The forces stated refer to cases in which the radial and axial forces are not applied simultaneously. Please contact us if radial and axial forces apply simultaneously due to the type of application. We will be glad to carry out a calculation.

The output bearings of hollow shaft gear units are designed to absorb the reaction forces from torque arms or torque brackets. Please contact us if considerably larger forces act on the hollow shaft.

**Operating factor $f_{BF}$= 1**

The forces stated in the overview tables for power and speed are based on an operating factor for the radial and axial forces $f_{BF}$=1.

**Sudden impact forces and longer operating times (> 8 hours per day)**

For suddenly applied forces and long running periods (> 8 hours/day) an appropriate operating factor $f_{BF}$ >1 must be considered for the radial and axial forces. Please contact us.

The radial forces refer to a point of action of the force at the midpoint of the shaft length. For the determination of the permissible radial forces, the most unfavourable direction of application of the force and direction of rotation was assumed. For the determination of the axial forces, the most unfavourable direction of force and rotation was also assumed. Higher radial and axial forces may be possible - for a precise calculation, please state the actual direction of the force and the rotation as well as the required operating life.

## Radial force factor $f_z$

If transfer elements are attached to the output shaft, a corresponding factor ($f_z$) should be considered in determining the radial force.

| Transfer elements | $f_z$ | Notes |
|---|---|---|
| Gear wheels | 1.1 | z ≤ 17 teeth |
| Chain wheels | 1.4 | z ≤ 13 teeth |
| Chain wheels | 1.2 | z ≤ 20 teeth |
| Narrow V-belt pulley | 1.7 | by pretensioning force |
| Flat belt pulley | 2.5 | |
| Radial force factor | 1.5 | |

## Radial force on gear unit shaft

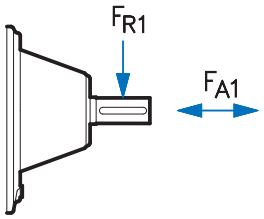
**The radial force on the output shaft is determined as follows**:

$$F_{Rvorh} = \frac{2 \cdot M_2}{d_o} \; f_z \leq F_R$$

| | | |
|---|---|---|
| $F_{Rpres}$ | Radial force on gear unit output shaft | [kN] |
| $F_R$ | Permissible radial force according to speed and power tables | [kN] |
| $M_2$ | Gear unit output torque | [Nm] |
| $f_Z$ | Radial force factor from the table | |
| $d_O$ | Effective diameter of the transfer element | [mm] |

# Radial force $F_{R1}$ / Axial force $F_{A1}$
# Gear unit input shaft - W

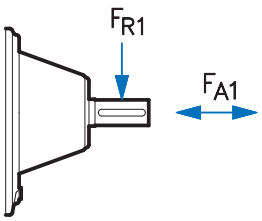
## W - Adapter




- $F_{R1}$ with $F_{A1}$ = 0
- $F_{A1}$ with $F_{R1}$ = 0

| Gear unit type | | | | Maximum radial force $F_{R1}$ and axial force $F_{A1}$ | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Helical | Parallel-shaft | Bevel gear | Helical worm | | | | | | | | | | | | | | |
| | | SK 92072.1<br>SK 92172.1 | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | | | | | | |
| | | | | $F_{R1}$ [kN] | 0.55 | 0.54 | 0.53 | 0.50 | 0.47 | 0.44 | 0.37 | 0.30 | | | | | | |
| | | | | $F_{A1}$ [kN] | 1.2 | 1.1 | 1.0 | 0.89 | 0.77 | 0.58 | 0.35 | 0.29 | | | | | | |
| | | SK 92372.1 | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | | | | |
| | | | | $F_{R1}$ [kN] | 0.85 | 0.82 | 0.78 | 0.75 | 0.72 | 0.70 | 0.61 | 0.43 | 0.42 | 0.23 | | | | |
| | | | | $F_{A1}$ [kN] | 1.2 | 1.1 | 1.0 | 0.89 | 0.77 | 0.58 | 0.35 | 0.29 | 0.20 | 0.15 | | | | |
| | | SK 92672.1 | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 |
| | | | | $F_{R1}$ [kN] | 2.13 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | 0.74 |
| | | | | $F_{A1}$ [kN] | 2.9 | 2.9 | 2.8 | 2.6 | 2.5 | 2.3 | 2.1 | 2.0 | 1.7 | 1.5 | 0.98 | 0.66 | 0.45 | 0.28 |
| | | SK 92772.1 | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 |
| | | | | $F_{R1}$ [kN] | 2.3 | 2.2 | 2.1 | 2.1 | 2.2 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.6 | 1.5 | 1.3 | 1.0 |
| | | | | $F_{A1}$ [kN] | 3.7 | 3.5 | 3.2 | 3.1 | 3.0 | 2.8 | 2.6 | 2.4 | 2.2 | 2.0 | 1.9 | 1.8 | 1.5 | 1.1 |
| NORDBLOC helical gear unit | | | | | | | | | | | | | | | | | |
| | | | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | | | | | | | | | |
| SK 172.1 | | | | $F_{R1}$ [kN] | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | | | | | | | | | |
| | | | | $F_{A1}$ [kN] | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | | | | | | | | | |
| SK 372.1<br>SK 373.1<br>SK 572.1<br>SK 573.1<br>SK 672.1<br>SK 673.1<br>SK 772.1<br>SK 773.1 | | | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 |
| | | | | $F_{R1}$ [kN] | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 1.3 |
| | | | | $F_{A1}$ [kN] | 1.4 | 4.0 | 3.7 | 3.4 | 2.9 | 2.5 | 2.2 | 2.0 | 1.8 | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 |
| SK 872.1<br>SK 873.1<br>SK 972.1<br>SK 973.1 | | | | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 | 11.0 |
| | | | | $F_{R1}$ [kN] | | | | | | | 2.7 | 2.6 | 2.4 | 2.3 | 2.1 | 1.8 | 1.3 | 0.98 | 0.47 |
| | | | | $F_{A1}$ [kN] | | | | | | | 3.5 | 3.3 | 2.7 | 2.5 | 2.3 | 1.6 | 1.4 | 1.0 | 0.59 |

## W - Adapter




- $F_{R1}$ with $F_{A1}$ = 0
- $F_{A1}$ with $F_{R1}$ = 0

| Gear unit type | | | | Maximum radial force $F_{R1}$ and axial force $F_{A1}$ | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Helical | Parallel-shaft | Bevel gear | Helical worm | | | | | | | | | | | | | | | |
| SK 11E<br>SK 02<br>SK 12<br>SK 13<br>SK 23<br>SK 33N | SK 1282<br>SK 2382<br>SK 3382 | SK 9012.1<br>SK 9016.1<br>SK 9022.1<br>SK 9013.1<br>SK 9017.1<br>SK 9023.1<br>SK 9033.1 | SK 02050<br>SK 12063<br>SK 12080<br>SK 13050<br>SK 13063<br>SK 13080<br>SK 33100 | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | | | | | |
| | | | | $F_{R1}$ [kN] | 0.85 | 0.82 | 0.78 | 0.75 | 0.72 | 0.70 | 0.61 | 0.43 | 0.42 | 0.23 | | | | | |
| | | | | $F_{A1}$ [kN] | 1.2 | 1.1 | 1.0 | 0.89 | 0.77 | 0.58 | 0.35 | 0.29 | 0.20 | 0.15 | | | | | |
| SK 21E<br>SK 31E<br>SK 22<br>SK 32<br>SK 43<br>SK 53 | SK 2282<br>SK 3282<br>SK 4382<br>SK 5382 | SK 9032.1<br>SK 9043.1<br>SK 9053.1 | SK 32100<br>SK 43125 | $P_1$ [kW] | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | | |
| | | | | $F_{R1}$ [kN] | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 | 1.7 | 1.6 | 1.1 | 1.0 | 1.0 | | |
| | | | | $F_{A1}$ [kN] | 2.9 | 2.9 | 2.8 | 2.6 | 2.5 | 2.3 | 2.1 | 2.0 | 1.7 | 1.5 | 0.98 | 0.65 | 0.27 | | |
| SK 41E<br>SK 51E<br>SK 42<br>SK 52<br>SK 63 | SK 4282<br>SK 5282<br>SK 6382 | SK 9042.1<br>SK 9052.1 | SK 42125 | $P_1$ [kW] | 0.37 | 0.55 | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 | 11.0 | | | |
| | | | | $F_{R1}$ [kN] | 2.1 | 2.8 | 2.4 | 2.7 | 2.6 | 2.4 | 2.3 | 2.1 | 1.8 | 1.3 | 0.98 | 0.47 | | | |
| | | | | $F_{A1}$ [kN] | 4.1 | 3.9 | 3.8 | 3.5 | 3.3 | 2.7 | 2.5 | 2.3 | 1.6 | 1.4 | 1.0 | 0.59 | | | |
| SK 62<br>SK 72<br>SK 73<br>SK 83<br>SK 93 | SK 6282<br>SK 7282<br>SK 7382<br>SK 8382<br>SK 9382 | SK 9072.1 | | $P_1$ [kW] | 0.75 | 1.10 | 1.50 | 2.20 | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 | 11.0 | 15.0 | 18.5 | 22.0 | 30.0 | 37.0 |
| | | | | $F_{R1}$ [kN] | 4.4 | 4.3 | 4.2 | 4.1 | 3.9 | 3.7 | 3.4 | 3.4 | 3.1 | 2.7 | 2.7 | 2.3 | 1.8 | 1.2 | 0.87 |
| | | | | $F_{A1}$ [kN] | 6.1 | 5.9 | 5.8 | 5.5 | 5.2 | 4.9 | 4.4 | 4.3 | 3.9 | 3.3 | 3.3 | 2.7 | 2.2 | 1.1 | 0.74 |
| SK 82<br>SK 92<br>SK 102<br>SK 103 | SK 8282<br>SK 9282<br>SK 10382.1 | SK 9082.1<br>SK 9086.1<br>SK 9092.1<br>SK 9096.1 | | $P_1$ [kW] | 3.00 | 4.00 | 5.50 | 7.50 | 9.20 | 11.0 | 15.0 | 18.5 | 22.0 | 30.0 | 37.0 | 45.0 | 55.0 | 75.0 | 90.0 |
| | | | | $F_{R1}$ [kN] | 11.0 | 10.9 | 10.8 | 10.4 | 10.1 | 9.9 | 9.5 | 9.3 | 9.3 | 8.4 | 8.1 | 8.3 | 7.4 | 4.6 | 5.2 |
| | | | | $F_{A1}$ [kN] | 4.3 | 4.2 | 4.1 | 3.8 | 3.6 | 3.4 | 3.1 | 3.0 | 2.9 | 2.3 | 2.0 | 2.2 | 1.5 | 0.78 | 0.24 |
| | SK 10382.1<br>SK 11382.1 | | | $P_1$ [kW] | 11.0 | 15.0 | 18.5 | 22.0 | 30.0 | 37.0 | 45.0 | 55.0 | 75.0 | 90.0 | 110 | 132 | 160 | 200 | |
| | | | | $F_{R1}$ [kN] | 17.3 | 17.1 | 16.9 | 11.7 | 16.1 | 15.7 | 15.2 | 14.5 | 13.2 | 12.1 | 10.7 | 9.0 | 6.9 | 3.6 | |
| | | | | $F_{A1}$ [kN] | 13.4 | 13.7 | 13.4 | 13.1 | 12.5 | 12.0 | 11.7 | 11.0 | 9.6 | 8.5 | 7.2 | 6.8 | 5.0 | 2.6 | |

# Options



## Overview of available versions

| Abbreviations | Meaning | Helical gear units | Parallel shaft gear units | Bevel gear units | Worm gear units |
|---|---|---|---|---|---|
| Without | Solid shaft, foot mounting | ✓ | | ✓ | ✓ |
| A | Hollow shaft | | ✓ | | |
| AF | Hollow shaft, B5 flange | | ✓ | ✓5) | ✓ |
| AX | Hollow shaft, foot mounting | | ✓1) | ✓ | |
| AXF | Hollow shaft, foot mounting, flange B5 | | | ✓ | |
| AXZ | Hollow shaft, foot mounting, flange B14 | | | ✓ | |
| AZ | Hollow shaft, B14 flange | | ✓1) | ✓5) | ✓ |
| AZD | Hollow shaft, flange B14, with torque arm | | | ✓2)5) | ✓ |
| AZK | Hollow shaft, flange B14, with torque bracket | | | ✓ | |
| B | Fixing elements for hollow shaft | | ✓ | ✓ | ✓ |
| E | Single stage | ✓ | | | |
| EA | Splined hollow shaft, DIN 5480 | | ✓4) | ✓ | |
| EF | Single stage, flange B5 | ✓ | | | |
| F | Full shaft, B5 flange | ✓ | | | |
| G | Rubber buffer for torque arm | | ✓ | | |
| H | Cover as a touch guard | | ✓ | ✓ | ✓ |
| IEC | Adapter for fitting B5 IEC standard motors | ✓ | ✓ | ✓ | ✓ |
| LX | Solid shaft - both sides, foot mounting | | | ✓ | ✓ |
| MK | Motor bracket | ✓ | ✓ | ✓ | ✓ |
| R | Integrated backstop | | | ✓ | |
| RLS | Backstop in W adapter | ✓ | ✓ | ✓ | ✓ |
| S | Hollow shaft with shrink disc | | ✓ | ✓ | ✓ |
| SEK | Servo adapter with clamp coupling | ✓ | ✓ | ✓ | ✓ |
| SEP | Servo adapter with parallel key coupling | ✓ | ✓ | ✓ | ✓ |
| V | Solid shaft | | ✓ | | |
| VF | Solid shaft, B5 flange | | ✓ | ✓5) | ✓ |
| VL | Reinforced bearings | ✓ | ✓ | ✓ | ✓ |
| VL2 | Agitator version | | ✓ | ✓ | |
| VL3 | Agitator version with "Drywell" | | ✓ | ✓ | |
| VX | Solid shaft, foot mounting | | ✓1) | | |
| VXF | Solid shaft, foot mounting, flange B5 | | | ✓ | |
| VXZ | Solid shaft, foot mounting, flange B14 | | | ✓ | |
| VZ | Solid shaft, B14 flange | | ✓1) | ✓5) | |
| W | Drive cylinder with free input shaft | ✓ | ✓ | ✓ | ✓ |
| XF | Solid shaft, foot mounting, flange B5 | ✓3) | | | |
| XZ | Solid shaft, foot mounting, flange B14 | ✓3) | | | |

✓ Available versions are marked with a tick

1) SK xx82NB and higher incl. SK 9282 with footrails machined on their sides for base plate
2) Available up to and including SK 9072.1
3) Available up to and including SK 52
4) Not available for types SK xx82NB
5) Versions have additional threaded holes in the underside of the housing. These are not suitable for mounting the gear unit, but rather for mounting a torque bracket ⇨ 🕮 E118.

## Drive types

The modular NORD concept enables gear units with various types of drive to be added. All drives are bolted on and have turned mating surfaces for simple and precise mounting.

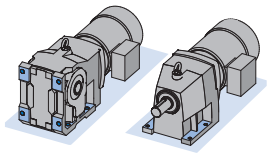
**NORD supplies the following drive types:**

- Directly mounted motor / brake motor
- Free drive shaft (Optional B14 flange on the input side)
- Motor adapter for IEC B5 motors / NEMA C-flange motor adapter
- Servo motor adapter
- Motor bracket
- User-defined motor mount

**Among others, NORD provides the mounting options:**

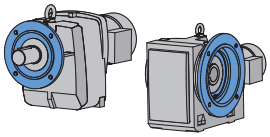
- Foot (X)
- B5 flange (F)
- B14 flange (Z)
- Hollow shaft (A)
- Foot and B5 flange (XF)
- Foot and B14 flange (XZ)

### Foot-mounted housing (X)



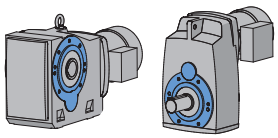
Gear units are usually designed for foot mounting. They are mounted on a mounting plate by means of bolts or studs. The majority of gear units are equipped with mounting feet with through holes.

### B5 flange (F)



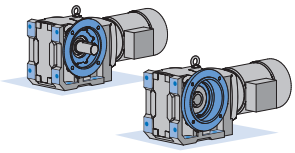
A B5 flange is a simple mounting flange with a large diameter, through holes and a centred mating surface, with which the gear unit can be securely attached to the application. The B5 flange has metric dimensions as standard and is available for all NORD geared motors.

### B14 flange (Z)



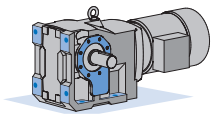
The NORD B14 flange has threaded holes and a centred mating surface in the housing of the geared motor. Usually, this is used to attach the geared motor to the base of the application or to attach a wide range of add-on components, such as a B5 flange, torque arm or shaft cover. As standard, the B14 flange has metric dimensions and is a compact method of attaching the geared motor.

### Foot-mounted housing with B5 flange (XF)



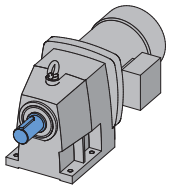
NORD can supply a wide range of geared motors with foot-mounted housings and additional B5 flange. These type XF geared motors are generally equipped for foot mounting. The B5 flange is usually intended for mounting auxiliary equipment on the geared motor. An additional support must be used if the B5 flange is used to attach the geared motor.

### Foot-mounted housing with B14 flange (XZ)



NORD can supply a wide range of geared motors with foot-mounted housings with an additional B14 flange. These type XZ geared motors are generally equipped for foot mounting. The B14 flange is usually intended for mounting auxiliary equipment on the geared motor. An additional support must be used if the B14 flange is used to attach the geared motor.

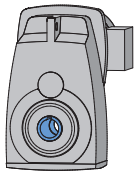
# Options



## Shaft options

### Solid shaft (V)

NORD standard shafts with parallel keys have a threaded hole in the face side. The shafts are available in metric dimensions and in inch dimensions on request. The standard material is C45.

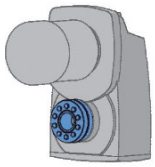


### Hollow shaft (A)

Standard hollow shafts with parallel keys are made from C45. Many NORD geared motors are available with various shaft diameters.

### Hollow shaft with internal spline (EA)

Hollow shafts with metric spline profiles as per DIN 5480 are available for many NORD geared motors with hollow shafts. These splined shafts are often used for crane travel drives.



### Shrink disc (S)

The shrink disc is based on a tried-and-tested clamping principle and enables torque transfer by friction, by converting the tightening force of the clamping screws into a radial pressure between the shaft and the hub, which results in shrinking onto the customer's shaft. Shrink discs enable a force fit which is completely free of play, and which can transfer large torques, in contrast with other types of mounting. Shrink discs do not wear, even with frequent changes of load or direction of rotation.

**Shrink discs provide the following advantages:**

- No corrosion of the mating surface, in contrast with parallel key couplings
- Easy assembly and dismantling
- Often larger hole diameters are possible than for hollow shafts with parallel keys

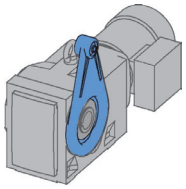
See ⇨🕮A30 for details

### Reinforced shrink disc (VS)

The NORD reinforced shrink disc provides greater clamping force and therefore greater safety.
See ⇨🕮30 for details

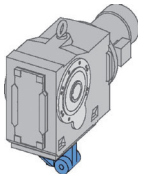
### Reinforced output bearings (VL)

The use of reinforced output bearings with increased load bearing capacity enables higher external loads (radial/axial) to be absorbed. Please consult us in case of predominantly greater axial loads.



### Torque arm (D)

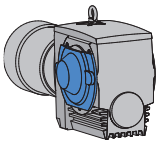
A torque arm is a compact, simple solution to secure a geared motor with a hollow shaft. It is bolted to the B14 flange of the geared motor. The torque arm has a rubber bushing on the attachment hole which absorbs the load impulses.



### Torque bracket (K)

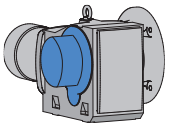
A torque bracket is a compact, simple solution to secure a face-mounted geared motor. It is bolted to the underside of the gear unit. The torque bracket has a rubber bushing on the attachment hole which absorbs the load impulses.

### Hollow shaft cover (H)



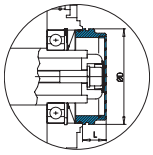
An optional cover for the rotating hollow shaft is available. This also protects the output shaft against dust and dirt.

### Shrink disc cover (SH)



A shrink disc cover is required for all shrink disk gear units and provides protection from the rotating shrink disk.

### IP66 Hollow shaft cover (H66)

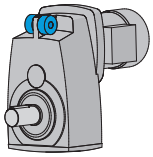


NORD supplies hollow shaft covers in protection class IP66 (protection against dust and splashed water). The rotating hollow shaft is completely sealed against humidity and foreign bodies.

### Fastening element (B)

As small vibrations occur with all shafts, NORD supplies an optional fastening kit. This prevents the geared motor from changing its position in an axial direction. The fastening kit can be mounted in two different ways. See ⇨🕮A35 for details

### Rubber buffer (G)



Two rubber buffers are mounted on the torque bracket and on the torque arm. They are used to damp torsional load impulses which act on the geared motor. As the rubber buffers reduce the overall torsional load impulses, their use can increase the service live of the geared motor. The damping effect can be increased by the use of several buffers in series. The permissible temperature range for the use of rubber buffers is from -40°C ... +80°C.

**Rubber buffers are supplied in pairs.**

For further damping, several rubber buffers may be used in series.

Total damping travel: $s_{FD\ tot} = n \times s_{FD}$ [mm]

- $s_{FD}$ Damping travel of a rubber buffer [mm]
- **n** Number of rubber buffers used in series

During installation, the rubber buffer may **only** be tightened until the play between the contact surfaces is eliminated. Pre-tensioning of the rubber buffer is not permissible!

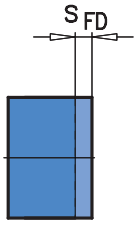
Technical data ⇨🕮 D101, E107, E109, E111, E113

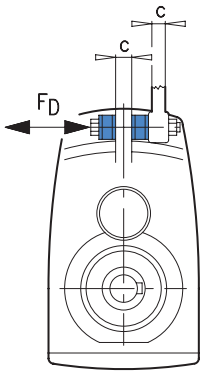
### Reinforced rubber buffer (VG)

Rubber buffers are optionally available as reinforced type VG versions for parallel shaft gear units with face mounted designs.

Bevel helical gearboxes from size SK 9082.1 are supplied in the AZK version with rubber buffers.

- $F_D$ Compressive force acting on rubber buffer [kN]
- **c** width
- $s_{FD}$ Damping travel of a rubber buffer

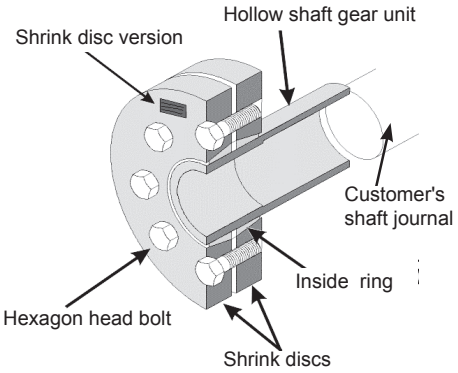


# Options

## Shrink discs

For gearbox versions with hollow shafts the use of shrink discs is especially advisable for better and easier assembly. In this case, the length of the customer's shaft journal which is inserted into the hollow shaft of the gear unit must correspond to the length of the hollow shaft (mH). The diameter of the shaft journal can be according to ISO h6 or f6 (f6 = easier assembly) The material of the customer's journal must have a yield strength of at least Re = 360 N/mm² so that the pressing to create the frictional coupling can be built up and no permanent deformation occurs.




**$M_{2max}$** Max. permissible output torque (gear unit)
**s** Securing of the shrink disc with fits h6 or f6 with $M_{2max}$
**Zs** Number of tensioning screws
**$M_A$** Required tightening torque

**Observe the operating and maintenance instructions B1000 when mounting the shrink disc.**

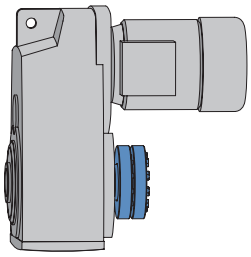
### Parallel shaft gear unit

| Gear unit type | | Shrink disc | | | | Hexagon head bolt DIN 931 / DIN 933* 10.9 Vz | | |
|---|---|---|---|---|---|---|---|---|
| | | Type | $M_{2max}$ [Nm] | s h6 | s f6 | d x l | Zs | $M_A$ [Nm] |
| SK 1282 | ASH | SN 30 / 40 V | 296 | 3,3 | 2,9 | M6 x 35* | 8 | 12 |
| SK 2282 | ASH | SN 35 / 46 V | 563 | 2,6 | 2,2 | M6 x 35* | 10 | 12 |
| SK 3282 | ASH | SN 40 / 55 V | 1039 | 2,3 | 2,0 | M8 x 40 | 8 | 30 |
| SK 4282 | ASH | SN 50 / 62 V | 2000 | 2,2 | 2,0 | M8 x 40 | 10 | 30 |
| SK 5282 | ASH | SN 60 / 76 V | 3235 | 2,5 | 2,3 | M10 x 50 | 10 | 59 |
| SK 6282 | ASH | SN 70 / 90 V | 6000 | 2,3 | 2,2 | M12 x 70* | 10 | 100 |
| SK 7282 | ASH | SN 80 / 108 V | 8300 | 2,5 | 2,4 | M12 x 70* | 14 | 100 |
| SK 8282 | ASH | SN 100 / 128 V | 13200 | 2,3 | 2,2 | M16 x 80* | 8 | 250 |
| SK 9282 | ASH | SN 125 / 158 V | 25400 | 2,3 | 2,2 | M16 x 80* | 12 | 250 |
| SK 10382.1 | ASH | SN 160 / 210 V | 43000 | 3,1 | 2,9 | M20 x 100 | 14 | 490 |
| SK 11382.1 | ASH | SN 180 / 230 V | 73000 | 3,5 | 3,3 | M24 x 150* | 16 | 840 |

### Shrink discs in reinforced version type VS (shredder)

| Gear unit type | | Shrink disc | | | | Hexagon head bolt DIN 931 10.9 Vz | | |
|---|---|---|---|---|---|---|---|---|
| | | Type | $M_{2max}$ [Nm] | s h6 | s f6 | d x l | Zs | $M_A$ [Nm] |
| SK 7282 | AVSH | SN 85 / 108 VS | 8300 | 3,90 | 3,65 | M16 x 90 | 10 | 250 |
| SK 8282 | AVSH | SN 100 / 128 VS | 13200 | 3,57 | 3,35 | M20 x 100 | 8 | 490 |
| SK 9282 | AVSH | SN 130 / 158 VS | 25400 | 3,89 | 3,71 | M20 x 130 | 12 | 490 |

## Available parallel shaft geared motors with shrink disc



| Gear unit type | Motor | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
| SK 1282 ASH | ✓ | ✓ | ✓ | | | | | | | | | | | |
| SK 2282 ASH | | ✓ | ✓ | ✓ | ✓ | | | | | | | | | |
| SK 3282 ASH | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| SK 3382 ASH | | | ✓ | ✓ | | | | | | | | | | |
| SK 4282 ASH | | | | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| SK 5282 ASH | | | | ✓ | ✓ | ✓ | ✓ | ✓ | * | | | | | |
| SK 6282 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| SK 6382 ASH | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| SK 7282 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | * | | | |
| SK 7382 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | * | | | |
| SK 8282 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 8382 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 9282 ASH | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | |
| SK 9382 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| SK 10382.1 ASH | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | * |
| SK 11382.1 ASH | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

* only AS

## Shrink discs in reinforced version type VS

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7282 | AVSH | | | | | | | ✓ | ✓ | ✓ | | | | | |
| SK 7382 | AVSH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| SK 8282 | AVSH | | | | | | | ✓ | ✓ | ✓ | ✓ | * | | | |
| SK 8382 | AVSH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | * | | | |
| SK 9282 | AVSH | | | | | | | | | | ✓ | ✓ | ✓ | ✓ | |
| SK 9382 | AVSH | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

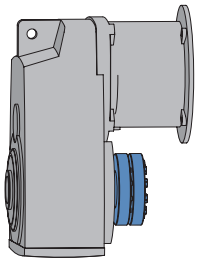
* on request

All parallel shaft multi-stage geared motors are available with shrink disc

# Options

## Shrink discs

### Available parallel shaft gear units with shrink disc and IEC adapter

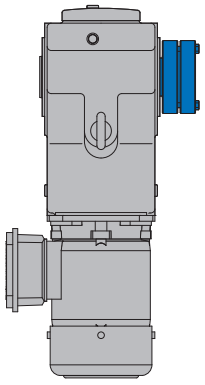


| Gear unit type | IEC adapter | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
| SK 0282 NB ASH | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| SK 1282 ASH | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| SK 1382 NB ASH | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| SK 2282 ASH | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| SK 3282 ASH | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| SK 3382 ASH | ✓ | ✓ | ✓ | ✓ | | | | | | | | | | |
| SK 4282 ASH | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| SK 5282 ASH | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| SK 6282 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 6382 ASH | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| SK 7282 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 7382 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 8282 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| SK 8382 ASH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 9282 ASH | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SK 9382 ASH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| SK 10382.1 ASH | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SK 11382.1 ASH | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

### Shrink discs in reinforced design type VS

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7282 AVSH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 7382 AVSH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 8282 AVSH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 8382 AVSH | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SK 9282 AVSH | | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SK 9382 AVSH | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

All parallel shaft double gear units SK 2282/02 and higher are available in the IEC and W version with shrink disc.



| Gear unit type | Shrink disc | | | | Hexagon head bolt DIN 931 / DIN 933* 10.9 Vz | | |
|---|---|---|---|---|---|---|---|
| | Type | $M_{2max}$ [Nm] | s h6 | s f6 | d x l | Zs | $M_A$ [Nm] |
| SK 92072.1 AZSH | SN 25 / 34 V | 90 | 4,19 | 3,28 | M5 x 25 | 6 | 7 |
| SK 92172.1 AZSH | SN 25 / 35 V | 120 | 4,23 | 3,43 | M5 x 25 | 8 | 7 |
| SK 92372.1 AZSH | SN 30 / 40 V | 230 | 4,26 | 3,73 | M6 x 35* | 8 | 12 |
| SK 92672.1 AZSH | SN 35 / 46 V | 380 | 3,77 | 3,27 | M6 x 35* | 10 | 12 |
| SK 92772.1 AZSH | SN 40 / 55 V | 660 | 3,53 | 3,09 | M8 x 40 | 8 | 30 |
| SK 9012.1 AZSH | SN 35 / 46 V | 400 | 3,58 | 3,11 | M6 x 35* | 10 | 12 |
| SK 9016.1 AZSH | SN 40 / 46 V | 610 | 3,40 | 3,19 | M6 x 35* | 10 | 12 |
| SK 9022.1 AZSH | SN 40 / 55 V | 860 | 2,71 | 2,37 | M8 x 40 | 8 | 30 |
| SK 9032.1 AZSH | SN 50 / 62 V | 1550 | 2,83 | 2,63 | M8 x 40 | 10 | 30 |
| SK 9042.1 AZSH | SN 60 / 76 V | 2800 | 2,90 | 2,69 | M10 x 50 | 10 | 59 |
| SK 9052.1 AZSH | SN 70 / 90 V | 4800 | 2,87 | 2,69 | M12 x 70* | 10 | 100 |
| SK 9072.1 AZSH | SN 95 / 108 V | 8500 | 3,70 | 3,56 | M12 x 70* | 14 | 100 |
| SK 9082.1 AZSH | SN 110 / 138 V | 13000 | 2,66 | 2,54 | M16 x 70 | 8 | 250 |
| SK 9086.1 AZSH | SN 125 / 158 V | 20000 | 2,91 | 2,77 | M16 x 80* | 12 | 250 |
| SK 9092.1 AZSH | SN 150 / 185 V | 32000 | 2,66 | 2,56 | M16 x 80* | 14 | 250 |
| SK 9096.1 AZSH | SN 150 / 195 V | 50000 | 2,71 | 2,61 | M20 x 100* | 14 | 490 |

## Shrink discs in reinforced version type VS (shredder)

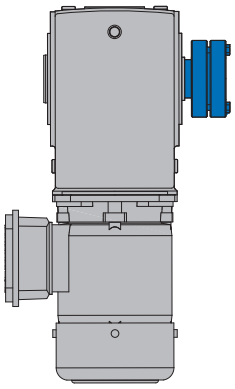
| Gear unit type | Shrink disc | | | | Hexagon head bolt DIN 931 / DIN 933* 10.9 Vz | | |
|---|---|---|---|---|---|---|---|
| | Type | $M_{2max}$ [Nm] | s h6 | s f6 | d x l | Zs | $M_A$ [Nm] |
| SK 9072.1 AZVSH | SN 95 / 108 VS | 8500 | 4,95 | 4,80 | M16 x 90 | 10 | 250 |
| SK 9082.1 AZVSH | SN 110 / 138 VS | 13000 | 6,26 | 5,99 | M20 x 130 | 12 | 490 |
| SK 9086.1 AZVSH | SN 130 / 158 VS | 20000 | 4,95 | 4,71 | M20 x 130 | 12 | 490 |
| SK 9092.1 AZVSH | SN 150 / 195 VS | 32000 | 3,93 | 3,70 | M20 x 100 | 14 | 490 |
| SK 9096.1 AZVSH | SN 155 / 195 VS | 50000 | 3,80 | 3,70 | M24 x 180 | 14 | 835 |

The data listed also applies to bevel gear units with a larger number of stages ⇨🕮A58

# Options

## Shrink discs

### Helical worm gear units



| Gear unit type | | Shrink disc | | | | Hexagon head bolt DIN 931 / DIN 933* 10.9 Vz | | |
|---|---|---|---|---|---|---|---|---|
| | | Type | $M_{2max}$ [Nm] | s h6 | s f6 | d x l | Zs | $M_A$ [Nm] |
| SK 02050 | AZSH | SN 25 / 35 V | 182 | 2,8 | 2,3 | M5 x 25 | 8 | 7 |
| SK 02050 | AZSH | SN 30 / 40 V | 182 | 5,4 | 4,7 | M6 x 35* | 8 | 12 |
| SK 12063 | AZSH | SN 30 / 40 V | 383 | 2,6 | 2,2 | M6 x 35* | 8 | 12 |
| SK 12063 | AZSH | SN 35 / 46 V | 383 | 3,0 | 3,2 | M6 x 35* | 10 | 12 |
| SK 12080 | AZSH | SN 40 / 55 V | 779 | 3,0 | 2,6 | M8 x 40 | 8 | 30 |
| SK 12080 | AZSH | SN 45 / 55 V | 779 | 4,1 | 3,8 | M8 x 40 | 8 | 30 |
| SK 32100 | AZSH | SN 50 / 62 V | 1604 | 2,7 | 2,6 | M8 x 40 | 10 | 30 |
| SK 32100 | AZSH | SN 60 / 76 V | 1604 | 5,1 | 4,7 | M10 x 50 | 10 | 59 |
| SK 42125 | AZSH | SN 60 / 76 V | 3120 | 2,6 | 2,4 | M10 x 50 | 10 | 59 |
| SK 42125 | AZSH | SN 70 / 90 V | 3120 | 4,4 | 4,1 | M12 x 70* | 10 | 100 |

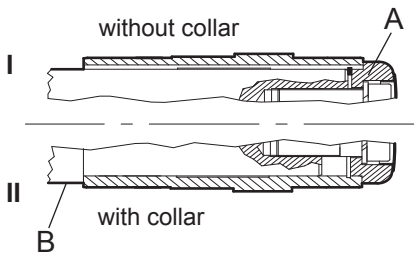
The data listed also applies to helical worm gear units with a higher number of stages ⇨ A59

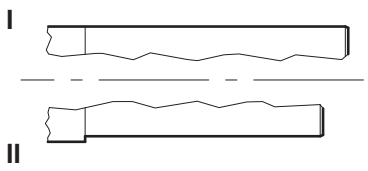
## Fastening elements

Fastening elements for face-mounted gearboxes are available as an option.

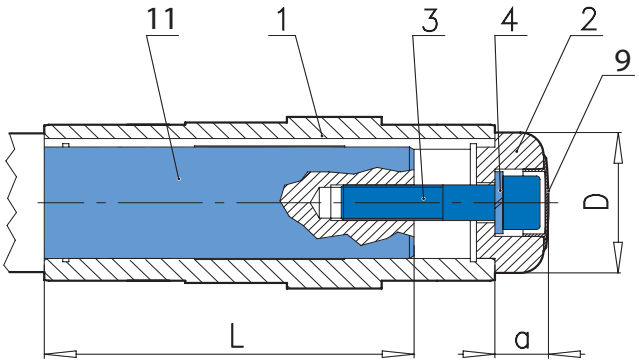
**Prerequisites for use**:

- The solid shaft which is used must be equipped with a face-side thread as per DIN 332/2.
- The fastening elements are suitable for solid shafts without collars (**I**) and for solid shafts with collars (**II**).
- For attachment according to **I**, the solid shaft is fixed by means of a securing ring located in the hollow shaft (Item A).
- For attachment according to **II**, the collar of the solid shaft is in direct contact with the hollow shaft (Item B).

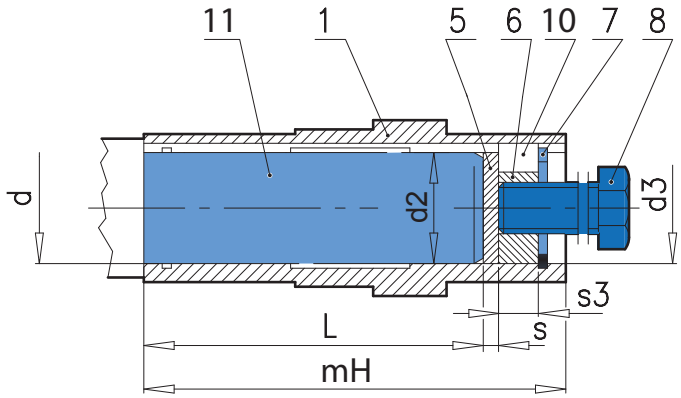



**The fastening element** consists of the following items **2, 3, 4** und **9**




**The push-off element** consists of the following items **5, 6, 7** und **10**




1. **Hollow shaft**
2. **Washer**
3. **Cylindrical screw DIN 912**
4. **Split washer DIN 127**
5. **Thrust washer**
6. **Thrust nut**
7. **Circlip DIN 473**
8. **Thrust screw**
9. **Sealing cap**
10. **Parallel key, type B**
11. **Customer's shaft**

**L = Length of customer's shaft**

**Assembly:**

1 Insert the customer's shaft into the hollow shaft (Item 1)
2 Insert the disc (Item 2) into the hollow shaft
3 Fasten the disc with the cylindrical screw (Item 3) and the spring washer (Item 4)
4 Insert the closing cap (Item 9).

**System requirements:**

- The customer's shaft must be equipped with a centring hole as per DIN 332/2
- When using variant II, the inserted shaft must not exceed dimension "L"; if it does, it will not be possible to use the push-off elements (items 5, 6, 7, 10)

**Dismantling:**

1 Remove the closing cap (Item 9)
2 Loosen the cylindrical-head screw (Item 3)
3 Remove the disc (Item 2)
4 Insert the thrust washer (Item 5)
5 Insert the push-off nut (Item 6) and the parallel keys (Item 10)
6 Insert the circlip (Item 7)
7 Detach the customer's shaft from the hollow shaft by screwing in the push-off screw (Item 8)

**System requirements:**

- The push-off elements are available as a disassembly kit on request.
- The dimensions for disassembly can be obtained from the factory standard, which must be requested.
- Disassembly can only be used for series-production hollow shafts with plug-in shafts whose size does not exceed "L".

# Options

## Fastening elements

### Parallel shaft gear units

| Type | 1 | 2 | | 3 | 4 | 5 | | 6 | | | 7 | 8 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d x mH | a | D | | | d2 | s | d3 | s3 | | | | L |
| SK 1282 ..B | 30 x 122 | 19 | 40 | M10 x 45 | A10 | 29,9 | 3 | 29,9 | 12 | M12 | I 30 x 1.2 | M12 | 100 |
| SK 2282 ..B | 35 x 139 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 34,9 | 16 | M16 | I 35 x 1.5 | M16 | 110 |
| SK 3282 ..B | 40 x 174 | 23,7 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 1.75 | M16 | 140 |
| SK 4282 ..B | 50 x 195 | 24,7 | 65 | M16 x 70 | A16 | 49,9 | 4 | 49,9 | 20 | M20 | I 50 x 2.0 | M20 | 160 |
| SK 5282 ..B | 60 x 230 | 29 | 75 | M20 x 90 | A20 | 59,9 | 5 | 59,9 | 24 | M24 | I 60 x 2.0 | M24 | 185 |
| SK 6282 ..B | 70 x 290 | 29,3 | 95 | M20 x 90 | A20 | 69,9 | 5 | 69,9 | 24 | M24 | I 70 x 2.5 | M24 | 245 |
| SK 7282 ..B | 80 x 310 | 29 | 102 | M20 x 100 | A20 | 79,9 | 8 | 79,9 | 30 | M30 | I 80 x 2.5 | M30 | 250 |
| SK 8282 ..B | 100 x 366 | 34,5 | 120 | M24 x 110 | A24 | 99,9 | 8 | 99,9 | 30 | M30 | I 100 x 3.0 | M30 | 310 |
| SK 9282 ..B | 120 x 430 | 34,5 | 150 | M24 x 110 | A24 | 119,9 | 10 | 119,9 | 32 | M36 | I 120 x 4.0 | M36 | 370 |
| SK 10382.1 ..B | 160 x 475 | 34 | 200 | M24 x 110 | A24 | 159,9 | 10 | 159,9 | 31 | M36 | I 160 x 4.0 | M36 | 418 |
| SK 11382.1 ..B | 180 x 522 | 34 | 240 | M24 x 110 | A24 | 179,9 | 10 | 179,9 | 31 | M36 | I 180 x 5.0 | M36 | 460 |

The data listed also applies to parallel shaft gear units with a higher number of stages 📖⇨A57

# Fastening elements

## Bevel gear units

| Type | 1 | 2 | | 3 | 4 | 5 | | 6 | | | 7 | 8 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d x mH | a | D | | | d2 | s | d3 | s3 | | | | L |
| SK 92072.1 AB | 25 x 121 | 19,2 | 38 | M10 x 45 | A10 | 24,9 | 3 | 24,9 | 12 | M12 | I 25 x 1.5 | M12 | 100 |
| SK 93072.1 AB | 25 x 121 | 19,2 | 38 | M10 x 45 | A10 | 24,9 | 3 | 24,9 | 12 | M12 | I 25 x 1.5 | M12 | 100 |
| SK 92172.1 AB | 25 x 125 | 19 | 38 | M10 x 45 | A10 | 24,9 | 3 | 24,9 | 12 | M12 | I 25 x 1.5 | M12 | 102 |
| SK 93172.1 AB | 25 x 125 | 19 | 38 | M10 x 45 | A10 | 24,9 | 3 | 24,9 | 12 | M12 | I 25 x 1.5 | M12 | 102 |
| SK 92372.1 AB | 30 x 145 | 19 | 40 | M10 x 45 | A10 | 29,0 | 3 | 29,0 | 12 | M12 | I 30 x 1.5 | M12 | 120 |
| SK 93372.1 AB | 30 x 145 | 19 | 40 | M10 x 45 | A10 | 29,0 | 3 | 29,0 | 12 | M12 | I 30 x 1.5 | M12 | 120 |
| SK 92672.1 AB | 35 x 170 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 34,9 | 16 | M16 | I 35 x 1.75 | M12 | 140 |
| SK 92672.1 AB | 35 x 170 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 34,9 | 16 | M16 | I 35 x 1.75 | M12 | 140 |
| SK 92772.1 AB | 40 x 192 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 2.0 | M16 | 162 |
| SK 93772.1 AB | 40 x 192 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 2.0 | M16 | 162 |
| SK 9012.1 AXB | 30 x 148 | 19 | 40 | M10 x 45 | A10 | 29,0 | 3 | 29,0 | 12 | M12 | I 30 x 1.5 | M12 | 120 |
| SK 9012.1 A..B | 35 x 148 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 34,9 | 16 | M16 | I 35 x 1.5 | M16 | 120 |
| SK 9016.1 AXB | 30 x 148 | 19 | 40 | M10 x 45 | A10 | 29,0 | 3 | 29,0 | 12 | M12 | I 30 x 1.5 | M12 | 120 |
| SK 9016.1 A..B | 40 x 148 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 2.0 | M16 | 120 |
| SK 9022.1 AXB | 35 x 180 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 34,9 | 16 | M16 | I 35 x 1.5 | M12 | 150 |
| SK 9022.1 A..B | 40 x 180 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 29,9 | 16 | M16 | I 40 x 2.0 | M16 | 150 |
| SK 9032.1 AXB | 40 x 210 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 2.0 | M16 | 170 |
| SK 9032.1 A..B | 50 x 210 | 25 | 65 | M16 x 70 | A16 | 49,9 | 4 | 49,9 | 20 | M20 | I 50 x 2.5 | M20 | 170 |
| SK 9042.1 AXB | 50 x 240 | 25 | 65 | M16 x 70 | A16 | 49,9 | 4 | 49,9 | 20 | M20 | I 50 x 2,5 | M20 | 200 |
| SK 9042.1 A..B | 60 x 240 | 29 | 75 | M20 x 90 | A20 | 59,9 | 5 | 59,9 | 24 | M24 | I 60 x 3.0 | M24 | 195 |
| SK 9052.1 AXB | 60 x 300 | 29 | 75 | M20 x 90 | A20 | 59,9 | 5 | 59,9 | 24 | M24 | I 60 x 3.0 | M24 | 255 |
| SK 9052.1 A..B | 70 x 300 | 29,5 | 95 | M20 x 90 | A20 | 69,9 | 5 | 69,9 | 24 | M24 | I 70 x 3.0 | M24 | 255 |
| SK 9072.1 AXB | 90 x 350 | 34 | 102 | M24 x 110 | A24 | 89,9 | 8 | 89,9 | 30 | M30 | I 90 x 4.0 | M30 | 290 |
| SK 9072.1 A..B | 90 x 350 | 34 | 102 | M24 x 110 | A24 | 89,9 | 8 | 89,9 | 30 | M30 | I 90 x 4.0 | M30 | 290 |
| SK 9082.1 AXB | 100 x 420 | 34,5 | 120 | M24 x 110 | A24 | 99,9 | 8 | 99,9 | 30 | M30 | I 100 x 4.0 | M30 | 365 |
| SK 9082.1 A..B | 110 x 420 | 34,5 | 135 | M24 x 110 | A24 | 109,9 | 10 | 109,9 | 30 | M30 | I 110 x 5.0 | M30 | 360 |
| SK 9086.1 AXB | 110 x 500 | 34 | 135 | M24 x 110 | A24 | 109,9 | 10 | 109,9 | 30 | M30 | I 110 x 5.0 | M30 | 440 |
| SK 9086.1 A..B | 120 x 500 | 34,5 | 150 | M24 x 110 | A24 | 119,9 | 10 | 119,9 | 32 | M36 | I 120 x 5.0 | M36 | 440 |
| SK 9092.1 AXB | 120 x 610 | 34 | 150 | M24 x 110 | A24 | 119,9 | 10 | 119,9 | 35 | M36 | I 120 x 5.0 | M36 | 550 |
| SK 9092.1 A..B | 150 x 610 | 34 | 200 | M24 x 110 | A24 | 149,9 | 10 | 149,9 | 35 | M36 | I 150 x 5.0 | M36 | 550 |
| SK 9096.1 AXB | 160 x 674 | 34 | 200 | M24 x 110 | A24 | 159,9 | 10 | 159,9 | 34 | M36 | I 160 x 4.0 | M36 | 605 |
| SK 9096.1 A..B | 160 x 674 | 34 | 200 | M24 x 110 | A24 | 159,9 | 10 | 159,9 | 34 | M36 | I 160 x 4.0 | M36 | 605 |

The data listed also applies to bevel gear units with a larger number of stages ⇨📖A58

## Helical worm gear units

| Type | 1 | 2 | | 3 | 4 | 5 | | 6 | | | 7 | 8 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | d x mH | a | D | | | d2 | s | d3 | s3 | | | | L |
| SK 02050 AZB | 25 x 132 | 19 | 38 | M10 x 45 | A10 | 24,9 | 3 | 24,9 | 12 | M12 | I 25 x 1.2 | M12 | 110 |
| | 30 x 132 | 19 | 40 | M10 x 45 | A10 | 29,9 | 3 | 29,9 | 12 | M12 | I 30 x 1.2 | M12 | 110 |
| SK 12063 AZB | 30 x 148 | 19 | 40 | M10 x 45 | A10 | 29,9 | 3 | 12 | 12 | M12 | I 35 x 1.5 | M12 | 125 |
| | 35 x 148 | 23,5 | 45 | M12 x 55 | A12 | 34,9 | 3 | 16 | 16 | M16 | I 40 x 1.75 | M16 | 120 |
| SK 12080 AZB | 40 x 168 | 24 | 55 | M16 x 70 | A16 | 39,9 | 4 | 39,9 | 16 | M16 | I 40 x 1.75 | M16 | 135 |
| | 45 x 168 | 25 | 60 | M16 x 70 | A16 | 44,9 | 4 | 44,9 | 16 | M16 | I 45 x 2.0 | M16 | 135 |
| SK 32100 AZB | 50 x 202 | 25 | 65 | M16 x 70 | A16 | 49,9 | 4 | 49,9 | 20 | M20 | I 50 x 2.0 | M20 | 165 |
| | 60 x 202 | 29 | 75 | M20 x 70 | A20 | 59,9 | 5 | 59,9 | 24 | M24 | I 60 x 2.0 | M24 | 155 |
| SK 42125 AZB | 60 x 250 | 29 | 75 | M20 x 90 | A20 | 59,9 | 5 | 59,9 | 24 | M24 | I 60 x 2.0 | M24 | 205 |
| | 70 x 250 | 29 | 95 | M20 x 90 | A20 | 69,9 | 5 | 69,9 | 24 | M24 | I 70 x 2,5 | M24 | 205 |

The data listed also applies to helical worm gear units with a higher number of stages ⇨📖A59

# Options

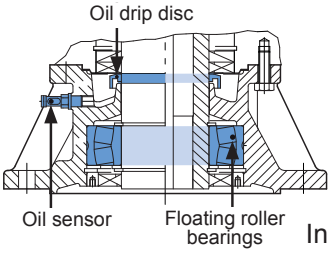
## Reinforced output shaft bearing VL2/VL3

**VL2 / VL3**

Especially for agitators, NORD offers reinforced output shaft bearings with increased bearing spacing, to cope with high axial and radial forces and provide a longer operating life.

**Floating roller bearings**

The **floating roller bearings** are particularly suitable for longer agitator shafts, as errors in alignment are partially compensated.




### Option VL3

"DRYWELL" version, as for VL2 and with additional **oil drip disc** and oil leakage indicator or **oil sensor**.

**Safety function**

In case of any leakage in the lower sealing rings of the output shaft, the oil drips into a collecting space of the "DRYWELL" flange via the oil drip disc, and is detected by an oil sensor. The sealing rings must then be replaced in order to prevent escape into the agitator space.

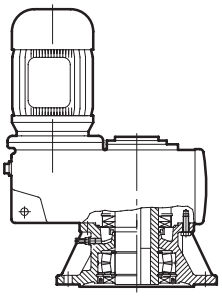
**Calculation of the bearing life on request.**

**Calculation of bearing life**

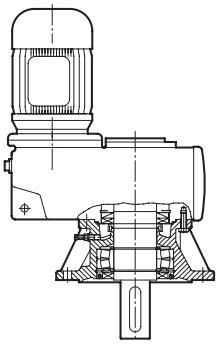
For the calculation we require the following data:

- **P** [kW] Rated power
- **$n_2$** [$min^{-1}$] Output speed
- **$F_A$** [N] Axial force
- **$F_R$** [N] Radial force
- **C** [mm] Distance of point of action of the force from the contact surface of the flange
- **$L_h$** [h] Required bearing life
- **$M_b$** [Nm] Bending torque

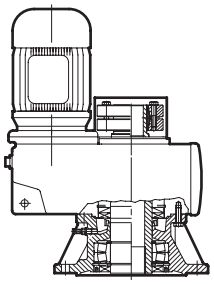
**Parallel shaft geared motors**



SK ..82 AF(B) VL2
SK ..82 AF(B) VL3
SK ...82.1 VL2
SK ...82.1 VL3
mm ⇨ 🕮D98

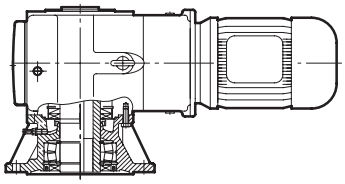


SK ..82 VF VL2
SK ..82 VF VL3
SK ...82.1 VF VL2
SK ...82.1 VF VL3
mm ⇨ 🕮D99

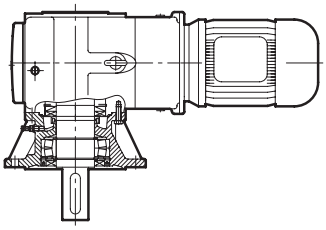


SK ..82 AFSH VL2
SK ..82 AFSH VL3
SK ...82.1 AFSH VL2
SK ...82.1 AFSH VL3
mm ⇨ 🕮D100

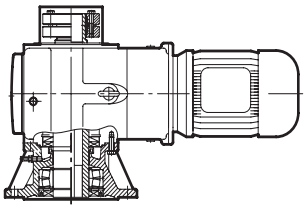
**Bevel geared motors**



SK 90 ...1 AF(B) VL2
SK 90 ...1 AF(B) VL3
mm ⇨ 🕮D98



SK 90 ...1 VF VL2
SK 90 ...1 VF VL3
mm ⇨ 🕮D99



SK 90 ...1 AFSH VL2
SK 90 ...1 AFSH VL3
mm ⇨ 🕮D100

## Back stop

Backstops are available as an option. These allow rotation in only one direction; the other direction of rotation is stopped.

Three-phase AC-motors size 80 and above and mounting adapters with free input shafts (⇨🕮A42, labelled as RLS) may be equipped with a grease-lubricated backstop. These backstops lift off due to centrifugal force at a rotation speed $n_1$ > approx. 900 rpm and then run without wear.

**grease-lubricated backstop**

Bevel gear units SK 9012.1, SK 9022.1, ... SK 9096.1 are available with a backstop which is integrated into the gear unit as standard. For these, the backstop is lubricated via the gear unit oil filling.

**Integrated backstop**

The attachment adapters IEC 132 ... 315 for gear units of size SK 62/6282/9072.1 and above can be equipped with a back stop as a special version. Smaller gear units with smaller IEC adapters are available as special versions with a back stop in the IEC adapter. Please contact us.

**Special version with backstop**

For drive units with a backstop, the direction of rotation of the output shaft must be stated. The **direction of rotation** is stated with a view onto the drive shaft.

**Statement of direction of rotation of the output shaft**

For angular gear units, the output shaft position (A or B, ⇨🕮 A64) determines the direction of rotation for the defined viewing direction. The direction of view for the statement of direction of rotation is always towards the output shaft journal. For hollow shaft drive units with shrink discs, the output shaft end is located on the side opposite from the shrink disc side. For hollow shaft gear units with locking keys or a splined hub profile and with hollow shafts on both sides, the direction of view is towards the A side of the angular gear unit.

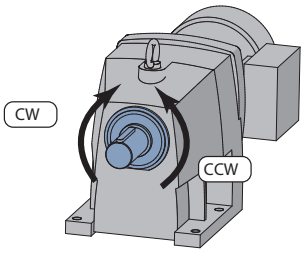
**Notice! Danger of fracture.** Check the direction of rotation of the motor and the gear unit before starting up the system. Arrows on the gearbox indicate the direction of rotation.

**Attention! Danger of fracture**

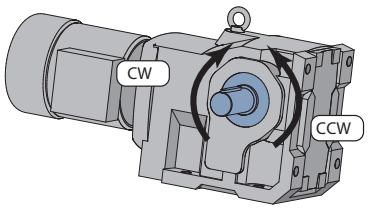
Previously, the blocking direction was given instead of the direction of rotation:

Blocking direction: Left = **I** →Direction of rotation **CW**
Blocking direction: Right = **II** →Direction of rotation **CCW**

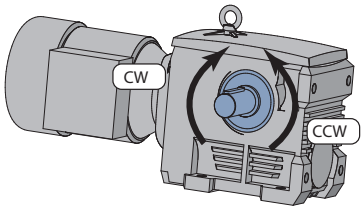
**CW** = Clockwise rotation, rotation to right (**C**lock**W**ise rotation)
**CCW** = Anticlockwise rotation, rotation to left (**C**ounter-**C**lock**W**ise rotation)



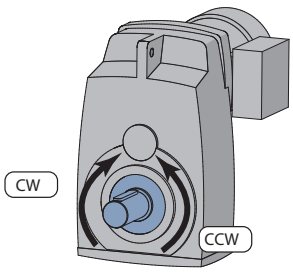
Helical gear unit motor



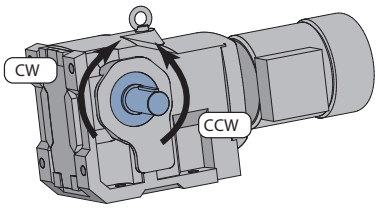
B-side bevel gear unit



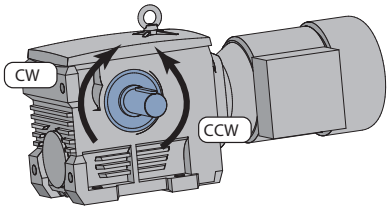
B-side worm gear unit



Parallel shaft gear unit motor



A-side bevel gear unit motor



A-side worm gear unit

# Options

## Direction of rotation of the motor or input shaft

### Direction of rotation of the motor looking towards the fan cover or the input shaft looking towards the input shaft journal

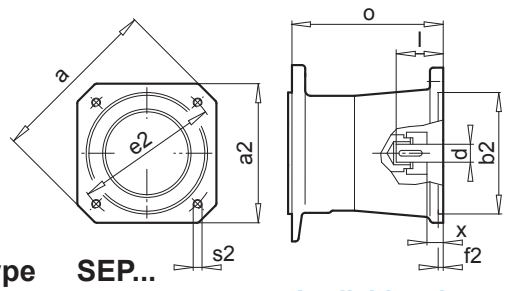
| Gear unit type | Direction of rotation of output shaft CW | Direction of rotation of output shaft CCW |
|---|---|---|
| Single stage helical gear units **SK11E to SK51E** | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| 2 - stage NORDBLOC.1 helical gear units **SK072.1 to SK972.1** | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 3 - stage NORDBLOC.1 helical gear units **SK373.1 to SK973.1** | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| 2 - stage helical gear units **SK02 to SK102** | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 3 - stage helical gear units **SK03 to SK103** | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| 2 - stage parallel shaft gear units **SK1282 to SK9282** | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 3 - stage parallel shaft gear units **SK1382 to SK12382** | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| 2 - stage bevel gear units **SK92072.1 to SK92772.1** | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| * 3 - stage bevel gear units **SK9012.1 to SK9096.1** | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| * 4 - stage bevel gear units **SK9013.1 to SK9053.1** | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 2 - stage helical worm gear units **SK02040 to SK42125** Output shaft position A or shrink disc at B | Direction of rotation of motor CW | Direction of rotation of motor CCW |
| 2 - stage helical worm gear units **SK02040 to SK42125** Output shaft position B or shrink disc at A | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 3 - stage helical worm gear units **SK13050 to SK43125** Output shaft position A or shrink disc at B | Direction of rotation of motor CCW | Direction of rotation of motor CW |
| 3 - stage helical worm gear units **SK13050 to SK43125** Output shaft position B or shrink disc at A | Direction of rotation of motor CW | Direction of rotation of motor CCW |

⇨🕮A39 - Direction of rotation

* If required, in deviation from the standard designs listed in the table above, the direction of rotation of the output shaft in bevel gear units may be changed, as the bevel gear may be mounted left or right of the bevel pinion. To do this, a special output shaft is required for one-sided solid shaft designs and shrink disc designs.

## Adapter for mounting servo motors

The maximum permissible servo motor speed is 4000 $min^{-1}$. The correct selection of the gear unit which is driven by a servo motor requires specific knowledge about the application.
Please contact us, so that we can select the gear unit together.




**Type SEP...**

**Available adapters**

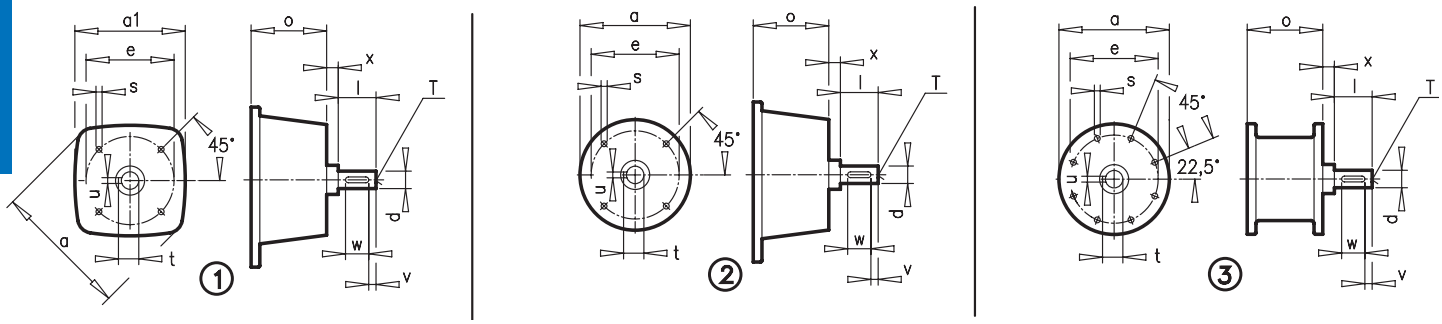
| Gear unit type | Motor size | | | | | | | Shaft dimensions | | Cylinder | Motor type | $M_{knenn}$ | Adapter type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | a | a2 | b2 | e2 | f2 | s2 | x | d | l | o | E.g.: | [Nm] | |
| *SK 372.1, SK 572.1, SK 672.1<br>*SK 373.1, SK 573.1, SK 673.1<br>SK 02, SK 12,<br>SK 1282<br>SK 92372.1, SK 92672.1, SK 92772.1<br>SK 9012.1, SK 9016.1, SK 9022.1<br>SK 02050, SK 12063, SK 12080 | 120 | 96 | 80 | 100 | 4 | M6 | 15 | 19 | 40 | 125 | HJ96<br>1 FK6 04<br>1 FK7 04 | *10<br>17 | Servo<br>100 / 160 S |
| *SK 372.1, SK 572.1, SK 672.1<br>*SK 373.1, SK 573.1, SK 673.1<br>SK 02, SK 12<br>SK 1282<br>SK 92372.1, SK 92672.1, SK 92772.1<br>SK 9012.1, SK 9016.1, SK 9022.1<br>SK 02050, SK 12063, SK 12080 | 165 | 126 | 110 | 130 | 4 | M8 | 20 | 24 | 50 | 137 | HJ116<br>1 FK6 06<br>1 FK7 06 | *35<br>60 | Servo<br>130 / 160 S |
| *SK 772.1, SK 773.1<br>SK 22, SK 32<br>SK 2282, SK 3282<br>SK 9032.1<br>SK 32100 | 155 | 126 | 110 | 130 | 4 | M8 | 20 | 24 | 50 | 151 | HJ116<br>1 FK6 06<br>1 FK7 06 | *35<br>60 | Servo<br>130 / 250 S |
| *SK 372.1, SK 572.1, SK 672.1<br>*SK 373.1, SK 573.1, SK 673.1<br>SK 02, SK 12<br>SK 1282<br>SK 92372.1, SK 92672.1, SK 92772.1<br>SK 9012.1, SK 9016.1, SK 9022.1<br>SK 02050, SK 12063, SK 12080 | 186 | 155 | 130 | 165 | 5 | M10 | 23 | 32 | 58 | 152 | MSK070<br>MSK071<br>1 FK6 08<br>1 FK7 08<br>HJ 155 | *95<br>160 | Servo<br>165 / 160 S |
| *SK 772.1, SK 773.1<br>SK 22, SK 32<br>SK 2282, SK 3282<br>SK 9032.1<br>SK 32100 | 186 | 155 | 130 | 165 | 5 | M10 | 23 | 32 | 58 | 167 | MSK070<br>MSK071<br>1 FK6 08<br>1 FK7 08<br>HJ155 | *95<br>160 | Servo<br>165 / 250 S |
| *SK 772.1, SK 773.1<br>SK 22, SK 32<br>SK 2282, SK 3282<br>SK 9032.1<br>SK 32100 | 240 | 192 | 180 | 215 | 5 | M12 | 45 | 38 | 80 | 188 | MSK101<br>1 FK6 10<br>1 FK7 10 | *95<br>160 | Servo<br>215 / 250 S |
| *SK 872.1, SK 873.1, SK 972.1, SK 973.1<br>SK 42, SK 52<br>SK 4282, SK 5282<br>SK 9042.1, SK 9052.1<br>SK 42125 | 240 | 192 | 180 | 215 | 5 | M12 | 24 | 38 | 80 | 230 | MSK101<br>1 FK6 10<br>1 FK7 10 | *310<br>525 | Servo<br>215 / 300 S |
| *SK 872.1, SK 873.1, SK 972.1, SK 973.1<br>SK 42, SK 52<br>SK 4282, SK 5282<br>SK 9042.1, SK 9052.1<br>SK 42125 | 350 | 260 | 250 | 300 | 5 | M16 | 26 | 48 | 82 | 232 | 1 FT6 13<br>1 FK7 10 | *310<br>525 | Servo<br>300 / 300 S |
| *SK 872.1, SK 873.1, SK 972.1, SK 973.1<br>SK 62, SK 72, SK 82, SK 92<br>SK 6282, SK 7282, SK 8282,<br>SK 9282<br>SK 9072.1, SK 9082.1, SK 9086.1,<br>SK 9092.1, SK 9096.1 | 350 | 260 | 250 | 300 | 5 | M16 | 26 | 48 | 82 | 250 | 1 FT6 13<br>1 FK7 10 | *310<br>525 | Servo<br>300 / 350 |

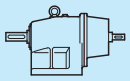
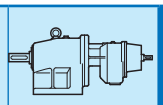
The coupling for servo motors is equipped with parallel keys for the servo adapter type SEP shown above. For servo motors without parallel keys, the servo adapter type SEK is available with a clamp coupling sleeve.

It is possible to mount a large number of other servo motor types on the IEC adapter using an intermediate flange. We will be pleased to process your enquiry.

# Options

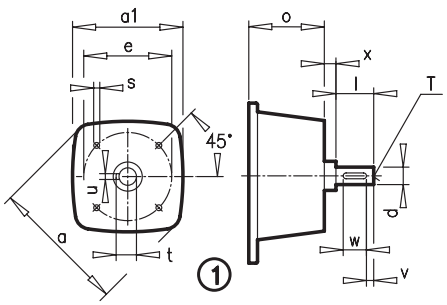
## Add-on adapter with free input shaft - Helical gear units

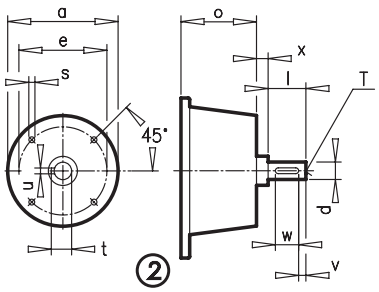


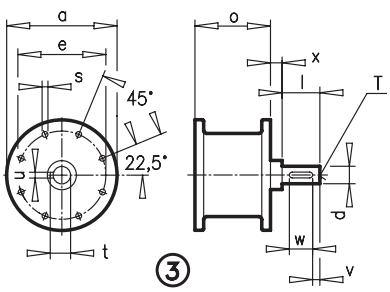

| |  | |  | RLS | ① ② ③ | a a1 | e o | s | d l | t u | v w | x D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11E W0 | SK 02 W0<br>SK 12 W0 | SK 03 W0<br>SK 13 W0<br>SK 23 W0<br>SK 33N W0 | SK ../02 W0<br>SK ../12 W0<br>SK ../23 W0 | | 2 | 90<br>-- | 75<br>70,5 | M5 x 13 | 14<br>38,5 | 16<br>5 | 5<br>30 | 2<br>M5 |
| SK 11E WII | SK 02 WII<br>SK 12 WII | SK 03 WII<br>SK 13 WII<br>SK 23 WII<br>SK 33N WII | SK ../02 WII<br>SK ../12 WII<br>SK ../23 WII | RLS | 2 | 120<br>-- | 100<br>74,0 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| SK 21E WIII<br>SK 31E WIII | SK 22 WIII<br>SK 32 WIII | SK 43 WIII<br>SK 53 WIII | SK ../22 WIII<br>SK ../32 WIII<br>SK ../43 WIII<br>SK ../53 WIII | | 2 | 120<br>-- | 100<br>113,5 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| SK 11E WIII | SK 02 WIII<br>SK 12 WIII | SK 03 WIII<br>SK 13 WIII<br>SK 23 WIII<br>SK 33N WIII | SK ../02 WIII<br>SK ../12 WIII<br>SK ../23 WIII | | 2 | 150<br>-- | 125<br>119,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 21E WI<br>SK 31E WI | SK 22 WI<br>SK 32 WI | SK 43 WI<br>SK 53 WI | SK ../22 WI<br>SK ../32 WI<br>SK ../43 WI<br>SK ../53 WI | | 1 | 180<br>140 | 125<br>113,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 41E WIV<br>SK 51E WIV | SK 42 WIV<br>SK 52 WIV | SK 63 WIV | SK ../42 WIV<br>SK ../52 WIV | | 1 | 180<br>140 | 125<br>124 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 21E WII<br>SK 31E WII | SK 22 WII<br>SK 32 WII | SK 43 WII<br>SK 53 WII | SK ../22 WII<br>SK ../32 WII<br>SK ../43 WII<br>SK ../53 WII | RLS | 1 | 180<br>140 | 150<br>113,5 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| SK 41E WI<br>SK 51E WI | SK 42 WI<br>SK 52 WI | SK 63 WI | SK ../42 WI<br>SK ../52 WI | | 1 | 180<br>140 | 150<br>124 | M10 x 16 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| | SK 62 W0<br>SK 72 W0 | SK 73 W0<br>SK 83 W0<br>SK 93 W0 | | | 2 | 180<br>-- | 150<br>124 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| SK 41E WII<br>SK 51E WII | SK 42 WII<br>SK 52 WII | SK 63 WII | SK ../42 WII<br>SK ../52 WII | RLS | 1 | 290<br>250 | 215<br>125 | M12 x 20 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| | SK 62 WI<br>SK 72 WI<br>SK 82 W0 | SK 73 WI<br>SK 83 W<br>SK 93 WII<br>SK 103 W0 | | | 1 | 290<br>250 | 215<br>170 | M12 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| SK 41E WIII<br>SK 51E WIII | SK 42 WIII<br>SK 52 WIII | SK 63 WIII | SK ../42 WIII<br>SK ../52 WIII | | 1 | 290<br>250 | 250<br>125 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| | SK 62 WII<br>SK 72 WII<br>SK 82 WII | SK 73 WII<br>SK 83 WI<br>SK 93 WIII<br>SK 103 WII | | | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |

RLS ⇨ 🕮 A39 - A40

## Add-on adapter with free input shaft - Helical gear units



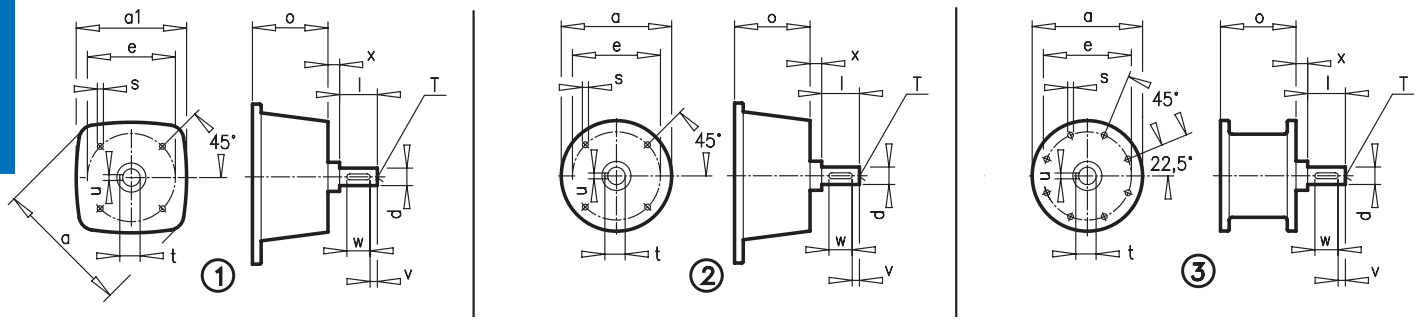




| | | | | RLS | ①<br>②<br>③ | a<br>a1 | e<br>o | s | d<br>l | t<br>u | v<br>w | x<br>D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **SK 62 WIII**<br>**SK 72 WIII** | **SK 73 WIII**<br>**SK 83 WIII**<br>**SK 93 WIII** | | RLS | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| | **SK 62 WIV**<br>**SK 72 WIV**<br>**SK 82 WV**<br>**SK 92 WV** | **SK 73 WIV**<br>**SK 83 WIV**<br>**SK 93 WIV**<br>**SK 103 WIV** | | | 1 | 350<br>300 | 300<br>252 | M20 x 30 | 65<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |
| | **SK 82 WI**<br>**SK 92 WI**<br>**SK 102 WI** | **SK 103 WI** | | | 1 | 350<br>300 | 250<br>236 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| | **SK 82 WIII**<br>**SK 92 WIII**<br>**SK 102 WIII** | **SK 103 WIII** | | RLS | 1 | 350<br>300 | 300<br>236 | M20 x 30 | 65<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |

RLS ⇨ 🕮 A39 - A40

# Options

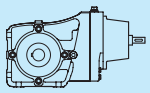
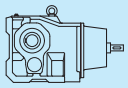
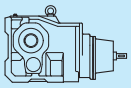
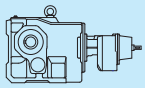
## Add-on adapter with free input shaft - Parallel shaft gear units




| | | | RLS | ① ② ③ | a a1 | e o | s | d l | t u | v w | x T |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 W0** | **SK 2382 W0**<br>**SK 3382 W0** | **SK ../02 W0**<br>**SK ../12 W0** | | 2 | 90<br>- | 75<br>70,5 | M5 x 13 | 14<br>38,5 | 16<br>5 | 5<br>30 | 2<br>M5 |
| **SK 1282 WII** | **SK 2382 WII**<br>**SK 3382 WII** | **SK ../02 WII**<br>**SK ../12 WII** | RLS | 2 | 120<br>- | 100<br>74 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| **SK 2282 WIII**<br>**SK 3282 WIII** | **SK 4382 WIII**<br>**SK 5382 WIII** | **SK ../22 WII**<br>**SK ../32 WII** | | 2 | 120<br>- | 100<br>113,5 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| **SK 1282 WII** | **SK 2382 WIII**<br>**SK 3382 WIII** | **SK ../02 WIII**<br>**SK ../12 WIII** | | 2 | 150<br>- | 125<br>119,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 2282 WI**<br>**SK 3282 WI** | **SK 4382 WI**<br>**SK 5382 WI** | **SK ../22 WI**<br>**SK ../32 WI** | | 1 | 180<br>140 | 125<br>113,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 4282 WIV**<br>**SK 5282 WIV** | **SK 6382 WIV** | **SK ../42 WIV**<br>**SK ../52 WIV** | | 1 | 180<br>140 | 125<br>124 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 2282 WII**<br>**SK 3282 WII** | **SK 4382 WII**<br>**SK 5382 WII** | **SK ../22 WII**<br>**SK ../32 WII** | RLS | 1 | 180<br>140 | 150<br>113,5 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| **SK 4282 WI**<br>**SK 5282 WI** | **SK 6382 WI** | **SK ../42 WI**<br>**SK ../52 WI** | | 1 | 180<br>140 | 150<br>124 | M10 x 16 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| **SK 6282 W0**<br>**SK 7282 W0** | **SK 7382 W0**<br>**SK 8382 W0**<br>**SK 9382 W0** | | | 2 | 180<br>- | 150<br>124 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| **SK 4282 WII**<br>**SK 5282 WII** | **SK 6382 WII** | **SK ../42 WII**<br>**SK ../52 WII** | RLS | 1 | 290<br>250 | 215<br>125 | M12 x 20 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| **SK 6282 WI**<br>**SK 7282 WI** | **SK 7382 WI**<br>**SK 8382 WI**<br>**SK 9382 WI** | | | 1 | 290<br>250 | 215<br>170 | M12 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| **SK 4282 WIII**<br>**SK 5282 WIII** | **SK 6382 WIII** | **SK ../42 WIII**<br>**SK ../52 WIII** | | 1 | 290<br>250 | 250<br>125 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| **SK 6282 WII**<br>**SK 7282 WII**<br>**SK 8282 WII** | **SK 7382 WII**<br>**SK 8382 WII**<br>**SK 9382 WII** | **SK 10382.1 WII**<br>**SK 11382.1 WII** | | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| **SK 6282 WIII**<br>**SK 7282 WIII** | **SK 7382 WIII**<br>**SK 8382 WIII**<br>**SK 9382 WIII** | | RLS | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| **SK 6282 WIV**<br>**SK 7282 WIV**<br>**SK 8282 WV** | **SK 7382 WIV**<br>**SK 8282 WIV**<br>**SK 9382 WIV**<br>**SK 10382.1 WV** | | | 1 | 350<br>300 | 300<br>252 | M20 x 30 | 65<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |
| **SK 8282 WI**<br>**SK 9282 WI** | **SK 10382.1 WI**<br>**SK 11382.1 WI** | | | 1 | 350<br>300 | 250<br>236 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| **SK 8282 WIII**<br>**SK 9282 WIII** | *** SK 10382.1 WIII**<br>*** SK 11382.1 WIII** | | RLS | 1 | 350<br>300 | 250<br>236 | M20 x 30 | 65 (*70)<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |
| **SK 8282 WIV**<br>**SK 9282 WIV** | *** SK 10382.1 WIV**<br>*** SK 11382.1 WIV** | | | 3 | 550<br>- | 500<br>245 | Ø 17,5 | 65 (*70)<br>140 | 69<br>18 | 15<br>110 | 12<br>M20 |

RLS ⇨ 🕮 A39 - A40

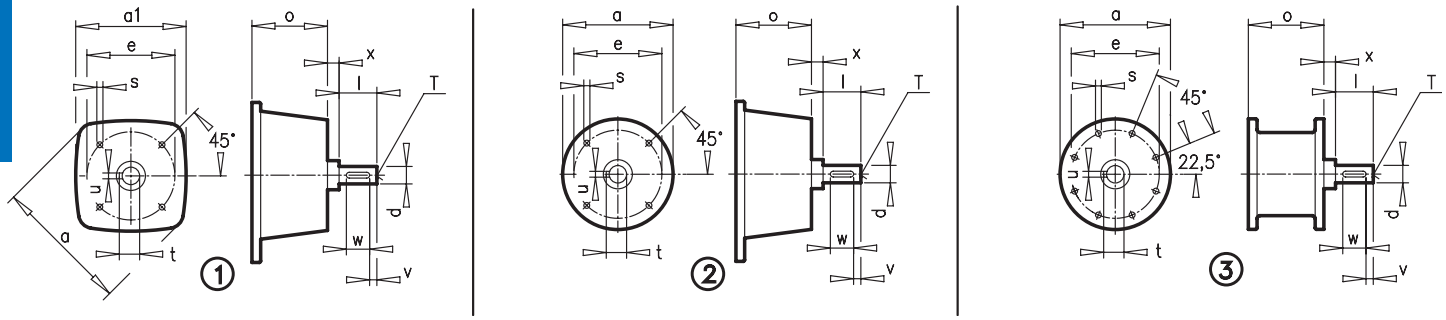
## Add-on adapter with free input shaft - Bevel gear units

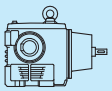
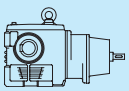
|  | | | RLS | ① ② ③ | a a1 | e o | s | d l | t u | v w | x D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 92072.1 W0<br>SK 92172.1 W0<br>SK 92372.1 W0<br>SK 92672.1 W0<br>SK 92772.1 W0 | | | | 2 | 120<br>-- | 75<br>61,5 | M5 x 11 | 14<br>40 | 16<br>5 | 5<br>30 | 56<br>M5 |
| SK 92072.1 WII<br>SK 92172.1 WII<br>SK 92372.1 WII<br>SK 92672.1 WII<br>SK 92772.1 WII | | | | 2 | 120<br>-- | 100<br>61,5 | M8 x 11 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
|  |  |  | RLS | ① ② ③ | a a1 | e o | s | d l | t u | v w | x D |
| SK 9012.1 W0<br>SK 9016.1 W0<br>SK 9022.1 W0 | SK 9013.1 W0<br>SK 9017.1 W0<br>SK 9023.1 W0<br>SK 9033.1 W0 | | | 2 | 90<br>-- | 75<br>70,5 | M5 x 13 | 14<br>38,5 | 16<br>5 | 5<br>30 | 2<br>M5 |
| SK 9012.1 WII<br>SK 9016.1 WII<br>SK 9022.1 WII | SK 9013.1 WII<br>SK 9017.1 WII<br>SK 9023.1 WII<br>SK 9033.1 WII | | RLS | 2 | 120<br>-- | 100<br>74 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| SK 9032.1 WIII | SK 9043.1 WIII<br>SK 9053.1 WIII | SK ../32 WIII | | 2 | 120<br>-- | 100<br>113,5 | M8 x 13 | 16<br>40 | 15<br>8 | 4<br>32 | 8<br>M5 |
| SK 9012.1 WIII<br>SK 9016.1 WIII<br>SK 9022.1 WIII | SK 9013.1 WIII<br>SK 9017.1 WIII<br>SK 9023.1 WIII<br>SK 9033.1 WIII | | | 2 | 150<br>-- | 125<br>119,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 9032.1 WI | SK 9043.1 WI<br>SK 9053.1 WI | SK ../32 WI | | 1 | 180<br>140 | 125<br>113,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 9042.1 WIV<br>SK 9052.1 WIV | | SK ../42 WIV<br>SK ../52 WIV | | 1 | 180<br>140 | 125<br>124 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| SK 9032.1 WII | SK 9043.1 WII<br>SK 9053.1 WII | SK ../32 WII | RLS | 1 | 180<br>140 | 150<br>113,5 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| SK 9042.1 WI<br>SK 9052.1 WI | | SK ../42 WI<br>SK ../52 WI | | 1 | 180<br>140 | 150<br>124 | M10 x 16 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| SK 9072.1 W0 | | | | 2 | 180<br>-- | 150<br>124 | M10 x 18 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| SK 9042.1 WII<br>SK 9052.1 WII | | SK ../42 WII<br>SK ../52 WII | RLS | 1 | 290<br>250 | 215<br>125 | M12 x 20 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| SK 9072.1 WI | | | | 1 | 290<br>250 | 215<br>170 | M12 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| SK 9042.1 WIII<br>SK 9052.1 WIII | | SK ../42 WIII<br>SK ../52 WIII | | 1 | 290<br>250 | 250<br>125 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| SK 9072.1 WII<br>SK 9082.1 WII<br>SK 9086.1 WII | | | | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| SK 9072.1 WIII | | | RLS | 1 | 290<br>250 | 250<br>170 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| SK 9072.1 WIV<br>SK 9082.1 WIV<br>SK 9086.1 WIV | | | | 1 | 350<br>300 | 300<br>252 | M20 x 30 | 65<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |
| SK 9082.1 WI<br>SK 9086.1 WI<br>SK 9092.1 WI<br>SK 9096.1 WI | | | | 1 | 350<br>300 | 250<br>236 | M16 x 25 | 42<br>110 | 45<br>12 | 10<br>90 | 8<br>M16 |
| SK 9082.1 WIII<br>SK 9086.1 WIII<br>SK 9092.1 WIII<br>SK 9096.1 WIII | | | RLS | 1 | 350<br>300 | 300<br>236 | M20 x 30 | 65<br>140 | 69<br>18 | 15<br>110 | 8<br>M20 |
| SK 9082.1 WIV<br>SK 9086.1 WIV<br>SK 9092.1 WIV<br>SK 9096.1 WIV | | | | 3 | 550<br>-- | 500<br>245 | Ø 17,5 | 65<br>140 | 69<br>18 | 15<br>110 | 12<br>M20 |

RLS ⇨ 🕮 A39 - A40

# Options

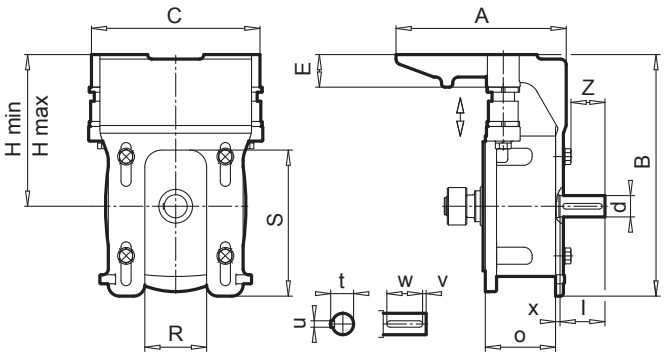
## Add-on adapter with free input shaft - Helical worm gear units




|  |  | RLS | ① ② ③ | a | a1 | e | o | s | d<br>l | t<br>u | v<br>w | x<br>D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 02050 W0**<br>**SK 12063 W0**<br>**SK 12080 W0** | **SK 13050 W0**<br>**SK 13063 W0**<br>**SK 13080 W0**<br>**SK 33100 W0** | | 2 | 90 | -- | 75 | 70,5 | M5 x 13 | 14<br>38,5 | 16<br>5 | 5<br>30 | 2<br>M5 |
| **SK 02050 WII**<br>**SK 12063 WII**<br>**SK 12080 WII** | **SK 13050 WII**<br>**SK 13063 WII**<br>**SK 13080 WII**<br>**SK 33100 WII** | RLS | 2 | 120 | -- | 100 | 74 | M8 x 13 | 16<br>40 | 18<br>5 | 4<br>32 | 8<br>M5 |
| **SK 32100 WIII** | **SK 43125 WIII** | | 2 | 120 | -- | 100 | 113,5 | M8 x 13 | 16<br>4 | 18<br>5 | 4<br>32 | 8<br>M5 |
| **SK 02050 WIII**<br>**SK 12063 WIII**<br>**SK 12080 WIII** | **SK 13050 WIII**<br>**SK 13063 WIII**<br>**SK 13080 WIII**<br>**SK 33100 WIII** | | 2 | 150 | -- | 125 | 119,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 32100 WI** | **SK 43125 WI** | | 1 | 180 | 140 | 125 | 113,5 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 42125 WIV** | | | 1 | 180 | 140 | 125 | 124 | M8 x 13 | 24<br>50 | 27<br>8 | 5<br>40 | 8<br>M8 |
| **SK 32100 WII** | **SK 43125 WII** | RLS | 1 | 180 | 140 | 150 | 113,5 | M10 x 8 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| **SK 42125 WI** | | | 1 | 180 | 140 | 150 | 124 | M10 x 16 | 28<br>60 | 31<br>8 | 5<br>50 | 9<br>M10 |
| **SK 42125 WII** | | RLS | 1 | 290 | 250 | 215 | 125 | M12 x 20 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |
| **SK 42125 WIII** | | | 1 | 290 | 250 | 250 | 125 | M16 x 25 | 38<br>80 | 41<br>10 | 5<br>70 | 8<br>M12 |

RLS ⇨ 🕮 A39 - A40

## Motor brackets - dimensions




| Type | Volume and connection dimensions | | | | | | | | | | Shaft dimensions | | | | Flange |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | E | R | S | H Min. | H Max. | Z | o | d<br>l | t<br>u | v<br>w | x | |
| **MK I** **63 S - 100 AH** | 222 | 253 | 204 | 45 | 60 | 140 | 153 | 173 | 41 | 119,5 | 24<br>50 | 27<br>8 | 5<br>40 | 8 | 160<br>S |
| **MK II** **80 SH - 112 MH** | 236 | 320 | 250 | 50 | 66 | 145 | 199 | 224 | 48 | 113,5 | 28<br>60 | 31<br>8 | 5<br>50 | 9 | 250<br>S |
| **MK III - 1** **90 SH - 132 MH** | 303 | 430 | 300 | 58 | 110 | 260 | 254 | 286 | 61 | 125 | 38<br>80 | 41<br>10 | 5<br>70 | 8 | 300<br>S |
| **MK III - 2** **90 SH - 132 MH** | 303 | 430 | 300 | 58 | 110 | 260 | 254 | 286 | 91 | 170 | 42<br>110 | 45<br>12 | 10<br>90 | 8 | Ø 250 |
| **MK IV** **112 MH - 200 LH** | 476 | 530 | 400 | 75 | 130 | 315 | 315 | 355 | 116 | 252 | 65<br>140 | 69<br>18 | 15<br>110 | 8 | Ø 350 |
| **MK V** **200 LH - 280 MH** | 662 | 690 | 570 | 105 | 382 | 369 | 465 | 515 | 119 | 245 | 65<br>140 | 69<br>18 | 15<br>110 | 12 | Ø 450 |

# Options

## Motor brackets - assignment

| | | | | | 63 S<br>63 L | 71 S<br>71 L | 80 SH<br>80 LH | 90 SH<br>90 LH | 100 LH<br>100 AH | 112 MH | 132 SH<br>132 MH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11 E<br>SK 12 | SK 1282 | SK 9012.1<br>SK 9016.1<br>SK 9022.1 | SK 02050<br>SK 12063<br>SK 12080 | W III | MK I | MK I | MK I | MK I | MK I | | |
| SK 21 E<br>SK 31 E<br>SK 22<br>SK 32 | SK 2282<br>SK 3282 | SK 9032.1 | SK 32100 | W II | | | MK II | MK II | MK II | MK II | |
| SK 41 E<br>SK 51 E<br>SK 42<br>SK 52<br>SK 63 | SK 4282<br>SK 5282<br>SK 6382 | SK 9042.1<br>SK 9052.1 | SK 42125 | W III | | | | MK III-1 | MK III-1 | MK III-1 | MK III-1 |
| SK 62<br>SK 72<br>SK 73<br>SK 83 | SK 6282<br>SK 7282<br>SK 7382<br>SK 8382<br>SK 9382 | SK 9072.1 | | W III | | | | MK III-2 | MK III-2 | MK III-2 | MK III-2 |
| | | | | | | | 112 MH | 132 SH<br>132 MH | 160 MH<br>160 LH<br>160 SH | 180 MH<br>180 LH | 200 LH |
| SK 62<br>SK 72<br>SK 73<br>SK 83 | SK 6282<br>SK 7282<br>SK 7382<br>SK 8382<br>SK 9382 | SK 9072.1 | | W IV | | | | | MK IV | MK IV | MK IV |
| SK 93 | | | | W IV | | | MK IV | MK IV | MK IV | MK IV | MK IV |
| SK 82<br>SK 92<br>SK 103 | SK 8282<br>SK 9282<br>SK 10382.1 | SK 9082.1 | | W V | | | MK IV | MK IV | MK IV | MK IV | MK IV |
| | | SK 9086.1 | | W V | | | MK IV | MK IV | MK IV | MK IV** | MK IV** |
| | | | | | 200 LH | 225 SH<br>225 MH | 250 MH | 280 SH<br>280 MH | | | |
| SK 93 | SK 9382 | | | W V | | MK V | MK V | MK V | | | |
| SK 82<br>SK 92<br>SK 103 | SK 8282<br>SK 9282<br>SK 10382.1 | SK 9082.1<br>SK 9086.1 | | W IV | | MK V | MK V | MK V | | | |
| SK 102 | SK 11382.1 | SK 9092.1<br>SK 9096.1 | | W IV | MK V | MK V | MK V | MK V | | | |

** Limited adjustment range

**election example:**

Determine the basic type of gear unit required from the output and speed overview table or the output and gear ratio table based on the required output and output speed.

E.g.: Page B4 – B40 helical gear units

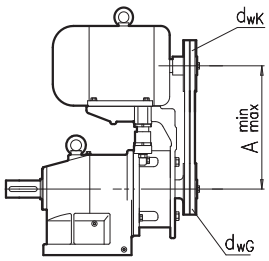
**4 kW, 86 min$^{-1}$, i = 16,66**
results in the basic gear unit type **SK 32 - 112 M/4** or **SK 32 - IEC 112.**
For this basic gear unit type, you can determine from the table (see above) that the motor bracket **MK II** is assigned.
Therefore, the complete type designation is **SK 32 - MK II - 112**.

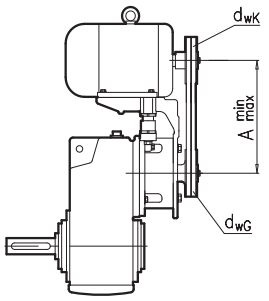
The **MK II** table (⇨🕮 A49), contains further information regarding the belt pulley and the belt type. The basic dimensions can be seen in the table (⇨🕮 A47).

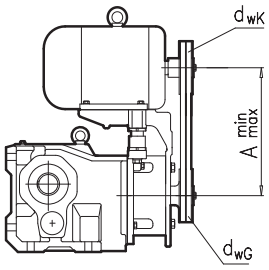
## Motor brackets

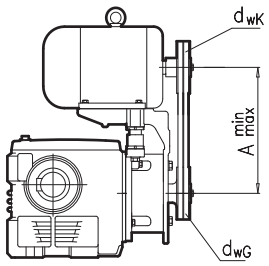
### Suggestion for selecting V-belts and belt pulleys (not included in the NORD scope of delivery)

| MK I | | Belt type SPZ | | | | |
|---|---|---|---|---|---|---|
| Motor | Power | Adjustment range | | Belt length | Shaft centre distance | Number of belts |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 80) (i=1) Lw | A | |
| 63 S/4 | 0,12 | 216 | 236 | 697 | 223 | 1 |
| 63 L/4 | 0,18 | 216 | 236 | 697 | 223 | 1 |
| 71 S/4 | 0,25 | 224 | 244 | 710 | 229 | 1 |
| 71 L/4 | 0,37 | 224 | 244 | 710 | 229 | 1 |
| 80 SH/4 | 0,55 | 233 | 253 | 737 | 243 | 1 |
| 80 LP/4 | 0,75 | 233 | 253 | 737 | 243 | 1 |
| 90 SP/4 | 1,10 | 243 | 263 | 750 | 249 | 1 |
| 90 LP/4 | 1,50 | 243 | 263 | 750 | 249 | 2 |
| 100 LP/4 | 2,20 | 253 | 273 | 772 | 260 | 2 |
| 110 AP/4 | 3,00 | 253 | 273 | 772 | 260 | 3 |
| **MK II** | | | | **Belt type XPZ** | | |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 112) (i=1) Lw | A | |
| 80 SH/4 | 0,55 | 279 | 304 | 930 | 289 | 1 |
| 80 LP/4 | 0,75 | 279 | 304 | 930 | 289 | 1 |
| 90 SP/4 | 1,10 | 289 | 314 | 950 | 299 | 1 |
| 90 LP/4 | 1,50 | 289 | 314 | 950 | 299 | 1 |
| 100 LP/4 | 2,20 | 299 | 324 | 980 | 314 | 1 |
| 100 AP/4 | 3,00 | 299 | 324 | 980 | 314 | 2 |
| 112 MP/4 | 4,00 | 311 | 336 | 1000 | 324 | 2 |
| **MK III** | | | | **Belt type SPZ** | | |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 160) (i=1) Lw | A | |
| 90 SP/4 | 1,10 | 344 | 376 | 1222 | 360 | 1 |
| 90 LP/4 | 1,50 | 344 | 376 | 1222 | 360 | 1 |
| 100 LP/4 | 2,20 | 354 | 386 | 1250 | 374 | 1 |
| 100 AP/4 | 3,00 | 354 | 386 | 1250 | 374 | 1 |
| 112 MP/4 | 4,00 | 366 | 398 | 1262 | 380 | 2 |
| 132 SP/4 | 5,50 | 386 | 418 | 1312 | 405 | 2 |
| 132 MP/4 | 7,50 | 386 | 418 | 1312 | 405 | 3 |
| **MK IV** | | | | **Belt type XPA** | | |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 200) (i=1) Lw | A | |
| 112 MP/4 | 4,00 | 427 | 467 | 1500 | 436 | 1 |
| 132 SP/4 | 5,50 | 447 | 487 | 1550 | 461 | 1 |
| 132 MP/4 | 7,50 | 447 | 487 | 1550 | 461 | 2 |
| 160 SP/4 | 9,20 | 475 | 515 | 1600 | 486 | 2 |
| 160 MP/4 | 11,0 | 475 | 515 | 1600 | 486 | 2 |
| 160 LP/4 | 15,0 | 475 | 515 | 1600 | 486 | 3 |
| 180 MP/4 | 18,5 | 495 | 535 | 1650 | 511 | 3 |
| 180 LP/4 | 22,0 | 495 | 535 | 1650 | 511 | 4 |
| 200 LP/4 | 30,0 | 515 | 555 | 1700 | 536 | 4 |
| **MK V** | | | | **Belt type SPA** | | |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 250) (i=1) Lw | A | |
| 225 RP/4 | 30,0 | 665 | 715 | 2182 | 698 | 4 |
| 225 SP/4 | 37,0 | 690 | 740 | 2207 | 710 | 4 |
| 225 MP/4 | 45,0 | 690 | 740 | 2207 | 710 | 5 |
| **MK V** | | | | **Belt type SPB** | | |
| | [kW] | $A_{min}$ | $A_{max}$ | (dwg = 250) (i=1) Lw | A | |
| 250 WP/4 | 55,0 | 715 | 765 | 2240 | 727 | 4 |
| 280 SP/4 | 75,0 | 745 | 795 | 2310 | 762 | 5 |
| 280 MP/4 | 90,0 | 745 | 795 | 2310 | 762 | 5 |



# Options

## Water cooling

**Integrated heat exchanger**

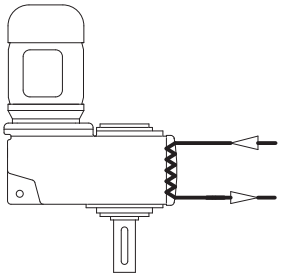
**NORD water cooling**

An integrated heat exchanger is optionally available for parallel shaft gear units and bevel gear units. The cooling water flows through the heat exchanger, and cools the gear unit. Monitoring of the temperature or the cooling water flow is recommended. As the cooling coil is not located in the oil space, the NORD water cooling is very reliable (German industrial design registration 20 2005 005 452.6).

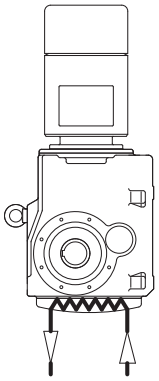
**Water cooling is also suitable for use in areas with potentially explosive atmospheres (ATEX).**

In low temperature areas, the heat exchanger may also be used to heat the gear unit. **An internal cooling coil in the gear unit is available on request.**

**Possible mounting position for water cooling**



| Parallel shaft gear units | Installation orientation | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| SK 6282 / SK 6382 | ✓ | ✓ | | ✓ | ✓ | ✓ |
| SK 7282 / SK 7382 | ✓ | ✓ | | ✓ | ✓ | ✓ |
| SK 8282 / SK 8382 | ✓ | ✓ | | ✓ | ✓ | ✓ |
| SK 9282 / SK 9382 | ✓ | ✓ | | ✓ | ✓ | ✓ |
| SK 10382.1 | ✓ | ✓ | | ✓ | ✓ | ✓ |
| SK 11382.1 | ✓ | ✓ | | ✓ | ✓ | ✓ |



| Bevel gear units | Installation orientation | | | | | |
|---|---|---|---|---|---|---|
| | M1 | M2 | M3 | M4 | M5 | M6 |
| SK 9072.1 * | | | ✓ | ✓ | | |
| SK 9082.1 | | | ✓ | ✓ | | |
| SK 9086.1 | | | ✓ | ✓ | | |
| SK 9092.1 | | | ✓ | ✓ | | |
| SK 9096.1 | | | ✓ | ✓ | | |

* only available in versions AF(B), AZ... and VF, VZ ⇨🕮 E104, E105, E133

The vent closure plug should be removed before commissioning and longer storage in order to prevent excess pressure in the gear unit, which could result in leaks developing in the gear unit.

On delivery, gear units and geared motors are factory-filled with lubricant and ready for operation. This initial filling corresponds to a lubricant from the column for the ambient temperatures (normal version) in the lubricant table.
The corresponding lubricants for other ambient temperatures are available at an additional charge.

**Lubricant replacement**

With mineral oil filling, the lubricant should be replaced every 10,000 operating hours or after two years. These periods are doubled for synthetic products.
Shorter lubricant intervals are advisable for extreme operating conditions, e.g. high humidity, aggressive environment and large temperature fluctuations.
We recommend that replacement of the lubricants is combined with a thorough cleaning.

**After changing the lubricant and after initial filling**

After changing the lubricant, and in particular after the initial filling, the oil level may change during the first few hours of operation, as the oil galleries and hollow spaces only fill gradually during operation. The oil level is still within the permissible tolerance.

**Oil inspection glass**

If at the express request of the customer, an oil inspection glass is installed at an additional charge, we recommend that the customer corrects the oil level after an operating period of approx. 2 hours, so that when the gear unit is at a standstill and has cooled down, the oil level is visible in the inspection glass. Only then, is it possible to check the oil level by means of the inspection glass.

The gear unit is normally filled with mineral oil. Synthetic oil is available at an additional charge.

**Do not mix oils**

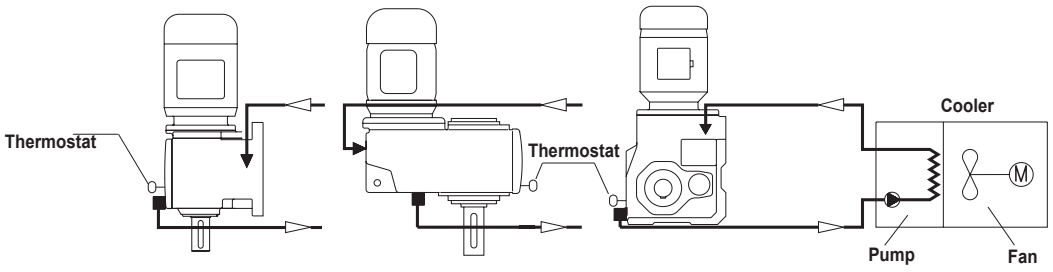
**Comment:** Do not mix synthetic and mineral lubricants! This also applies to disposal.

**Display of precise oil quantity**

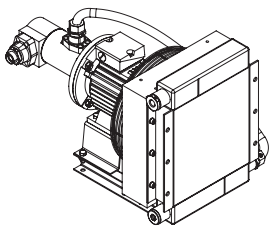
The stated filling quantities are for guidance only. The precise quantities vary depending on the exact gear ratio. When filling, always use the oil level screw as an indicator of the precise quantity of oil. The tables on pages ⇨🕮A75-A833 show guideline amounts for the lubricant filling volume in litres, depending on the mounting position or configuration.

## Oil cooler

**Oil cooler**




■ Drain = Suction line ▼ Oil level = Pressure line



The gear unit oil is drawn in by a pump and flows through a heat exchanger. The oil is cooled by an air stream which is generated by a fan. The oil is then returned to the housing from the heat exchanger. The temperature is controlled by a thermostat. Temperature monitoring is recommended.

# Lubricants

## Oil tank with mounting position M4, with the motor mounted vertically upright

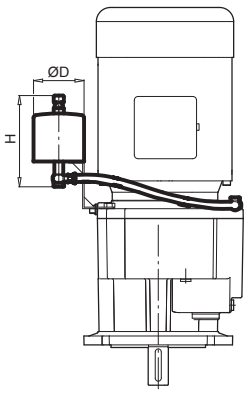
Gear units with a motor or input shaft mounted vertically upright have a high oil level for lubricating the 1st gear unit stage. The use of an optional oil expansion chamber for the vertical mounting position M4 (⇨🕮A67) prevents the possible leakage of oil from the vent plug if oil foaming occurs.

**Oil storage tank if**
- **$i_{ges}$ < 20**
- **n > 1800 rpm**

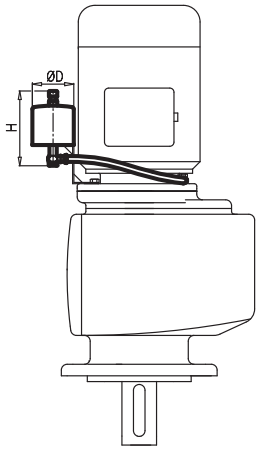
NORD therefore strongly recommends that an oil expansion tank is used for gear ratios $i_{ges}$ < 20 and for helical gear units size SK 42 and higher, for parallel shaft gear units SK 4282 to SK 8282 and higher, and for bevel gear units size SK 9042.1 and higher where the vertical mounting position M4 is used. Otherwise, no warranty is accepted.

Even for smaller size gear units and other gear unit types such as helical worm gear units NORD strongly recommends the use of an oil expansion vessel for gear ratios $i_{ges}$ < 20 and motor speed greater 1800 $min^{-1}$ (87 Hz characteristic curve).

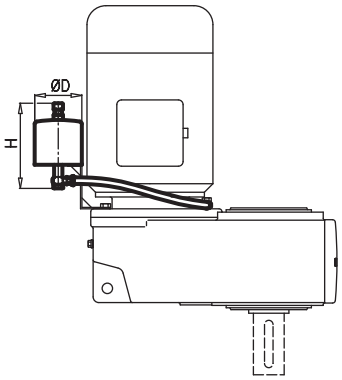
**NORDBLOC.1 helical gear units**



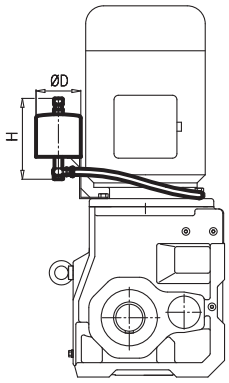

**Helical gear units**




**Parallel shaft gear units**




**Bevel gear unit**




| NORDBLOC.1 helical gear units | Helical gear units | Parallel shaft gear units | Bevel gear unit | Size | D [mm] | H [mm] | [kg] |
|---|---|---|---|---|---|---|---|
| SK 572.1 / SK 573.1<br>SK 672.1 / SK 673.1<br>SK 772.1 / SK 773.1<br>SK 872.1 / SK 873.1<br>SK 972.1 / SK 973.1 | SK 42 / SK 43<br>SK 52 / SK 53<br>SK 63 | SK 4282 / SK 4382<br>SK 5282 / SK 5382<br>SK 6382 | SK 9042.1 / SK 9043.1<br>SK 9052.1 / SK 9053.1 | I | 100 | 180 | 5 |
| | SK 62<br>SK 72 / SK 73 | SK 6282<br>SK 7282 / SK 7382 | SK 9072.1<br>SK 9082.1 | II | 150 | 300 | 6 |
| | SK 82 / SK 83<br>SK 92 / SK 93<br>SK 102 / SK 103 | SK 8282 / SK 8382 | SK 9086.1<br>SK 9092.1<br>SK 9096.1 | III | 180 | 300 | 7 |

As standard in the installation position M4, large parallel shaft gear units of size SK9282 and larger are equipped with an oil storage tank (⇨🕮 A53).

## Oil tank storage with mounting position M4, with the motor mounted vertically upright

Oil storage tanks are located above the gearbox and increase the oil level so that the oil level in the oil storage tank is always above the level in the gearbox. As all rotating components are completely below the surface of the oil, oil foaming is prevented. In addition, even with vertical designs, all bearings are lubricated in an oil bath.

Oil storage tanks are larger than oil expansion chambers and due to the additional vent pipes have two oil pipes which connect the oil storage tank to the gearbox. The oil level should be checked in the oil storage tank.

**Use of NORD oil storage tanks**

NORD strongly recommends that oil storage tanks are used for large parallel shaft gear units SK 9282 to SK 11382.1 when the vertical mounting position M4 is used (⇨🕮A67). Otherwise, no warranty is accepted.

**Oil storage tank kit**

As standard, the oil storage tank is included as a kit which comprises the necessary oil lines, fixing material and assembly instructions. This enables the gear unit to be transported more cheaply and safely. In addition, the position of the oil storage tank can be determined on site during assembly.

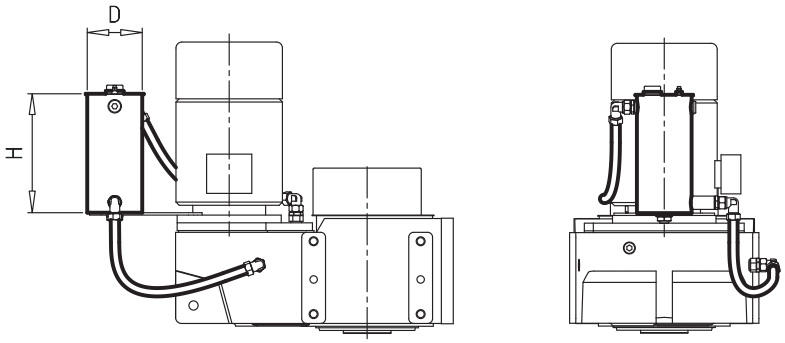
We will be glad to provide detailed information regarding the positioning possibilities and dimensions of the oil level tank on request (WN 0-521 31).

**Oil quantity**

As standard, the parallel shaft gear unit types SK9282 / SK9382 and SK10382.1 are supplied filled with the quantity of oil stated in ⇨🕮A78. On commissioning, the oil storage tank requires an additional quantity of approx. 30 litres of oil in order to maintain its recommended level. The standard delivery is made without this additional quantity of oil. However, a suitable container of oil can be supplied on request, subject to an extra charge.

**Supply without oil**

As standard, the parallel shaft gear unit type SK11382.1 is supplied without oil. With the use of an oil storage tank, the necessary quantity of oil is increased by approx. 40 litres compared with the quantity stated on page ⇨🕮A78-79.




| Getriebetyp | Größe | D [mm] | H [mm] | zusätzliche Ölmenge [L] | Behältervolumen [L] |
|---|---|---|---|---|---|
| **SK 9282 / SK 9382 SK 10382.1** | I | 185 | 390 | ca. 30 | 10 |
| **SK 11382.1** | II | 320 | 390 | ca. 40 | 30 |

# Lubricants

## Lubricants

This table shows comparable lubricants from various manufacturers. The manufacturer can be changed within a particular viscosity or lubricant type. We must be contacted in case of change of viscosity or lubricant type, as otherwise no warranty for the functionality of our gearboxes can be accepted.

| Lubricant type | Details on type plate | Ambient temperature | Castrol | FUCHS | KLÜBER LUBRICATION | Mobil | Shell | TOTAL |
|---|---|---|---|---|---|---|---|---|
| **Mineral oil** | **CLP 680** | Worm gear units<br>ISO VG 680<br>0...40°C | Alpha EP 680<br>Alpha SP 680<br>Optigear BM 680<br>Optigear Synthetic 1100/680 | Renolin CLP 680<br>CLP 680 Plus | Klüberoil GEM 1-680N | Mobilgear 600 XP 680 | Omala S2 G 680 | Carter EP 680<br>Carter XEP 680 |
| | **CLP 220** | ISO VG 220<br>-10...40°C<br>**standard version** | Alpha EP 220<br>Alpha SP 220<br>Optigear BM 220<br>Optigear Synthetic 1100/220 | Renolin CLP 220<br>CLP 220 Plus | Klüberoil GEM 1-220N | Mobilgear 600 XP 220 | Omala S2 G 220 | Carter EP 220<br>Carter XEP 220 |
| | **CLP 100** | ISO VG 100<br>-15...25°C | Alpha EP 100<br>Alpha SP 100<br>Optigear BM 100<br>Optigear Synthetic 1100/100 | Renolin CLP 100<br>CLP 100 Plus | Klüberoil GEM 1-100N | Mobilgear 600 XP 100 | Omala S2 G 100 | Carter EP 100 |
| **Synthetic oil (Polyglycol)** | **CLP PG 680** | Worm gear units<br>ISO VG 680<br>-20...40°C<br>**standard version** | Alphasyn GS 680<br>Optigear Synthetic 800/680 | Renolin PG 680 | Klübersynth GH 6-680 | Mobil Glygoyle 680 | Omala S4 WE 680 | Carter SY 680<br>Carter SG 680 |
| | **CLP PG 220** | ISO VG 220<br>-25...80°C | Alphasyn GS 220<br>Alphasyn PG 220<br>Optigear Synthetic 800/220 | Renolin PG 220 | Klübersynth GH 6-220 | Mobil Glygoyle 220 | Omala S4 WE 220 | |
| **Synthetic oil (hydrocarbons)** | **CLP HC 460** | Worm gear units<br>ISO VG 460<br>* -30...80°C | Alphasyn EP 460<br>Optigear Synthetic PD 460 | Renolin Unisyn CLP 460 | Klübersynth GEM 4-460N | Mobil SHC 634 | Omala S4 GX 460 | Carter SH 460 |
| | **CLP HC 220** | ISO VG 220<br>* -40...80°C | Alphasyn EP 220<br>Optigear Synthetic PD 220 | Renolin Unisyn CLP 220<br>Renolin Unisyn Gear VCI | Klübersynth GEM 4-220N | Mobil SHC 630 | Omala S4 GX 220 | Carter SH 220 |
| **Bio-degradable oil** | **CLP E 680** | Worm gear units<br>ISO VG 680<br>-5...40°C | - | Plantogear 680 S | - | - | - | - |
| | **CLP E 220** | ISO VG 220<br>-5...40°C | Performance Bio GE 220 ESS . ..ESU | Plantogear 220 S | Klübersynth GEM 2-220 | - | Naturelle Gear Fluid EP 220 | - |
| **Food compatible oil** [1] | **CLP PG H1 680** | Worm gear units<br>ISO VG 680<br>-5...40°C | Optileb GT 1800/680 | Cassida Fluid WG 680 | Klüberoil UH1 6-680N | Mobil Glygoyle 680 | | - |
| | **CLP PG H1 220** | ISO VG 220<br>-25...40°C | Optileb GT 1800/200 | Cassida Fluid WG 220 | Klübersynth UH1 6-220 | Mobil Glygoyle 220 | | Nevastane SY 220 |
| | **CLP HC H1 680** | ISO VG 680<br>-5...40°C | Optileb GT680 | Cassida Fluid GL 680 | Klüberoil 4 UH1-680N | - | | - |
| | **CLP HC H1 220** | ISO VG 220<br>-25...40°C | Optileb GT 220 | Cassida Fluid GL 220 | Klüberoil 4 UH1-220N | Mobil SHC Cibus 220 | | Nevastane XSH 220 |
| **Gear unit liquid grease GP 00 K-30** | | -25...60°C | Tribol GR 100-00 PD<br>Tribol GR<br>Tribol 3020/1000-00PD**<br>Spheerol EPL 00 | Renolit Duraplex EP00 | Microlube GB 00 (-20...90/150°C) | Mobil Chassis Grease LBZ | Alvania EP(LF)2 | Multis EP 00 |
| **Polyglycol-based GP PG 00 K-30** | | -25...60°C | - | Renolit LST 00 | Klübersynth GE 46-1200 | Mobil Glygoyle Grease 00 | - | Marson SY 00 |
| **Polyalphaolefine-based GP HC 00 K-30** | | -25...60°C | - | - | Klübersynth UH1 14-1600 [1] | Mobilith SHC 007 | Cassida RLS 00 | - |

* Above 60°C shaft sealing rings made from special materials must be used.

** For very low speeds

1) Food-compatible oils + greases as per Regulation H1 / FDA 178.3570

## Bearing lubricant types

| Lubricant type according to DIN 51502 | Ambient-temperature | Operating-temperature | bp | Castrol | FUCHS | KLÜBER LUBRICATION | Mobil | Shell |
|---|---|---|---|---|---|---|---|---|
| **Mineral oil-based grease** | | | | | | | | |
| **K2K-25** | | -25 ...140°C | Spheerol EPL 2 | | | | | |
| **K2K-20 or KP2K-20** | -20 to 60°C | -20 ...120°C | | Spheerol EPL 2 | | - | - | Alvania EP(LF)2 |
| **K 2 K -30 or KP 2 K -30 Mineral oil based** | -30 to 60°C (**normal**) | -30 ...120 °C | - | Tribol GR 100-2 PD | Renolit GP 2<br>Renolit LZR 2H | - | Mobilux EP 2 | Gadus S2 V100 2 |
| **K 2 G -50 or KP 2 G -50 Low temperature grease **** | *-50 ... 40°C | -50 ...100 °C | - | Optitemp LG 2 | Renocal FN 745/94<br>Renolit WTF 2 | - | - | - |
| **Synthetic greases** | | | | | | | | |
| **KP PG 2 N-30 Polyglycol-based** | *-25...80°C | -30 ...140°C | - | - | Renolit LST 2 | - | - | - |
| **KP HC 2 K-30** | - | -30 ...120°C | - | - | - | Petamo GHY 133N | - | - |
| **KP HC 2 x -40 Polyalphaole-fine-based** | -25 ... 80°C | -40 ...140°C | Spheerol SY 2202 | Spheerol SY 2202<br>Tribol GR 4747/220-2 HT | Renolit HLT 2 | Klüberplex BEM 41-132 | Mobilith SHC 220<br>Mobiltemp SHC 32 | - |
| **K HC 1 E-50** | -50 ...80°C | -50 ...80°C | - | - | Renolit S2 (KE2/1K-60) | Isoflex Topas NCA 52<br>Isoflex Topas L 152 | - | Cassida LTS1 (PAO, HSF H1) |
| **Rapidly biodegradable grease** | | | | | | | | |
| **KP E 2 K-30 or K E 2 K-30** | -25...40°C | -30 ...120°C | Castrol BioTac MP | BioTac MP | - | - | - | Naturelle Grease EP2 |
| **KP E 2 K-40** | | -40 ...120°C | - | - | Plantogel 2 S | Klüberbio M 72-82 | Mobil SHC Grease 102 EAL | - |
| **Food-compatible grease H1/FDA** | | | | | | | | |
| **K 2 K -30 or KP 2 K -30** | -25...40°C | -30 ...120°C | - | Optileb GR UF2 | - | Klübersynth UH1 14-151<br>Klübersynth UH1 14-222 | - | - |
| **K 2 N -20 or KP 2 N -20** | | -20 ...140°C | - | - | Renolit G7 FG1<br>Cassida Grease EPS 2 | - | Mobilgrease FM 222 | - |
| **KP HC 2 K-30** | -25...40°C | -30 ...120°C | PAO | - | - | - | - | Cassida EPS 2 |

* For ambient temperatures below -30°C and above 60°C shaft sealing rings with special material qualities must be used.

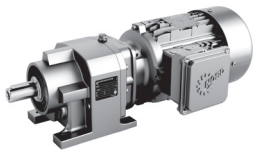
** Greases based on mineral oil or basic oils which can be mixed with mineral oil (PAO, HC, ester)

Please note that some greases which have different soap bases may not be mixed. The lubricant supplier should be consulted if the type of grease is changed.

# Standards, Regulations
# Nomenclature

## NORDBLOC.1 helical gear units

### Sizes



| 2-stage | 3-stage |
|---|---|
| SK 072.1 | |
| SK 172.1 | |
| SK 372.1 | SK 373.1 |
| SK 572.1 | SK 573.1 |
| SK 672.1 | SK 673.1 |
| SK 772.1 | SK 773.1 |
| SK 872.1 | SK 873.1 |
| SK 972.1 | SK 973.1 |

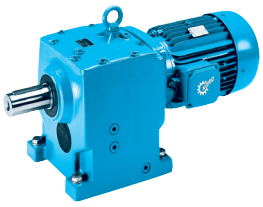
### Order example

**SK 772.1 - 90 LP/4**

- 4-pole
- Three-phase motor 90 LP
- NORDBLOC helical gear unit, 2-stage

## Helical gear units

### Sizes



| 1-stage | 2-stage | 3-stage | 4-stage | 5-stage | 6-stage |
|---|---|---|---|---|---|
| | | | Double gear units | | |
| | SK 02 | SK 03 | | | |
| SK 11 E | SK 12 | SK 13 | SK 12/02 | | |
| SK 21 E | SK 22 | SK 23 | SK 22/02 | | |
| SK 31 E | SK 32 | SK 33 N | SK 32/12 | | |
| SK 41 E | SK 42 | SK 43 | SK 42/ 2 | | |
| SK 51 E | SK 52 | SK 53 | SK 52/12 | | |
| | SK 62 | SK 63 | | SK 63/22 | SK 63/23 |
| | SK 72 | SK 73 | | SK 73/22, SK 73/32 | SK 73/23 |
| | SK 82 | SK 83 | | SK 83/32, SK 83/42 | SK 83/33 N |
| | SK 92 | SK 93 | | SK 93/42, SK 93/52 | SK 93/43 |
| | SK 102 | SK 103 | | SK 103/52 | SK 103/53 |

### Order example

**SK 31 E - 100 LP/4**

- 4-pole
- Three-phase motor 100 LP
- Helical gear unit, 1-stage

**SK 52 F - W**

- Free input shaft
- Housing in flange-mounted design B5
- Helical gear unit, 2-stage

**SK 93/42 VL - IEC 100**

- IEC adapter for motor size 100
- Reinforced output shaft bearing
- Helical gear unit, 5-stage

## Parallel shaft gear units

### Sizes

| 2-stage | 3-stage | 4-stage | 5-stage |
|---|---|---|---|
| | | Double gear units | |
| SK 1282 | | SK 1282/02 | |
| SK 2282 | SK 2382 | SK 2282/02 | |
| SK 3282 | SK 3382 | SK 3282/12 | |
| SK 4282 | SK 4382 | SK 4282/ 2 | |
| SK 5282 | SK 5382 | SK 5282/12 | |
| SK 6282 | SK 6382 | | SK 6382/22, SK 6382/32 |
| SK 7282 | SK 7382 | | SK 7382/22, SK 7382/32 |
| SK 8282 | SK 8382 | | SK 8382/32, SK 8382/42 |
| SK 9282 | SK 9382 | | SK 9382/42, SK 9382/52 |
| | SK 10382.1 | | SK 10382.1/52 |
| | SK 11382.1 | | SK 11382.1/52 |

### Order example

**SK 1282 / V F - 80 LP/4**

- 4-pole
- Three-phase motor 80 LP
- Flange B5
- Solid shaft
- Parallel shaft gear unit, 2-stage

**SK 8382 A G B - W**

- Free input shaft
- Fastening elements
- Rubber buffer
- Hollow shaft
- Parallel shaft gear unit, 3-stage

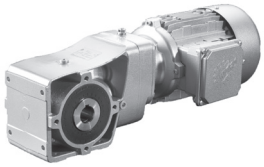
**SK 10382.1/52 A Z S H - IEC 132**

- IEC adapter for motor size 132
- Cover for shrink disc
- Shrink disc
- B14 flange
- Hollow shaft
- Parallel shaft gear unit, 5-stage

# Standards, Regulations
# Nomenclature

## Bevel gear units

### Sizes



| 2-stage | 3-stage | 4-stage | 5-stage | 6-stage |
|---|---|---|---|---|
| | | | Double gear units | |
| SK 92072.1 | SK 9012.1 | SK 9013.1 | | |
| SK 92172.1 | SK 9016.1 | SK 9017.1 | | |
| SK 92372.1 | SK 9022.1 | SK 9023.1 | | |
| SK 92672.1 | SK 9032.1 | SK 9033.1 | | |
| SK 92772.1 | SK 9042.1 | SK 9043.1 | | |
| | SK 9052.1 | SK 9053.1 | | |
| | SK 9072.1 | | SK 9072.1/32, SK 9072.1/42 | |
| | SK 9082.1 | | SK 9082.1/42, SK 9082.1/52 | |
| | SK 9086.1 | | SK 9086.1/52 | |
| | SK 9092.1 | | SK 9092.1/52 | |
| | SK 9096.1 | | SK 9096.1/62 | SK 9096.1/63 |

### Order examples:

**SK 92372.1 L X - 80 LP/4**

- 4-pole
- Three-phase motor 80 LP
- Foot-mounted housing
- Solid shaft both sides
- Bevel gear unit, 2-stage

**SK 9033.1 A F - W**

- Free input shaft
- Flange B5
- Hollow shaft
- Bevel gear unit, 4-stage

**SK 9086.1/52 A Z K - IEC 160**

- IEC adapter for motor size 160
- Torque bracket
- B14 flange
- Hollow shaft
- Bevel gear unit, 5-stage

## Helical worm gear units

### Sizes

| 2-stage | 3-stage |
|---|---|
| SK 02050 | SK 13050 |
| SK 12063 | SK 13063 |
| SK 12080 | SK 13080 |
| SK 32100 | SK 33100 |
| SK 42125 | SK 43125 |

### Order examples:

**SK 12080 - 112 MP/4**

- 4-pole
- three-phase motor 112 LP
- Worm gear unit, 2-stage, solid shaft
- foot-mounted gear housing

**SK 32100 A Z D - W**

- Free input shaft
- Torque arm
- B14 flange
- Hollow shaft
- Worm gear unit, 2-stage

**SK 43125 V F - IEC 100**

- IEC adapter for motor size 100
- Flange B5
- Solid shaft
- Worm gear unit, 3-stage

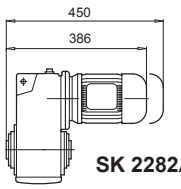
# Standards, Regulations
# Nomenclature

## Information for dimensioned drawings, geared motors and gear units

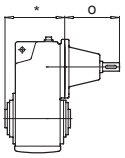
CAD drawings (dimension drawings, outline drawings, and 3D models) may be easily produced online using the NORD NORDCAD software!

### Addition example for dimension drawings

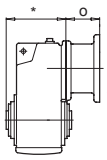
■ **Parallel shaft gear unit SK 2282A**



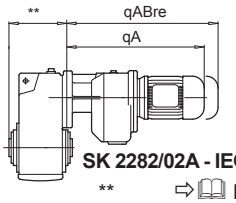

**SK 2282A - 80L/4**



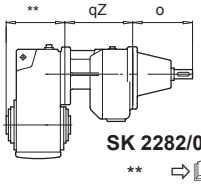

**SK 2282A - W**
* ⇨ 🕮 D64
o ⇨ 🕮 D88



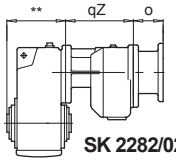

**SK 2282A - IEC80**
* ⇨ 🕮 D64
o ⇨ 🕮 D88




**SK 2282/02A - IEC80**
** ⇨ 🕮 D64
qA ⇨ 🕮 D85
qABre ⇨ 🕮 D85




**SK 2282/02A - W**
** ⇨ 🕮 D64
qz ⇨ 🕮 D85
o ⇨ 🕮 D87




**SK 2282/02A - IEC80**
** ⇨ 🕮 D64
qz ⇨ 🕮 D85
o ⇨ 🕮 D87

The gear unit motors are dimensioned directly in the dimension drawings.
For gear units
- Attachment housings
- As double gear units
- With free drive shaft (W)
- For mounting IEC standard motors (IEC)

the overall dimension must be added together from the individual dimension drawings.

### General information regarding * and **

*) With the versions W or IEC, if there are several values given for " * " in the dimensional drawings, the value without brackets generally applies. The value listed in the following table must be added/subtracted for the respective gear- W or gear - IEC combinations..

| Type | [mm] | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | W | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
| **SK 82** | 16 | - | - | - | - | - | - | - | 16 | 16 | - |
| **SK 92** | 14 | - | - | - | - | - | - | - | 14 | 14 | 14 |
| **SK 93** | 0 | - | - | - | - | - | - | - | 14 | 14 | - |
| **SK 103** | 16 | - | - | - | - | - | - | - | 16 | 16 | 16 |
| **SK 8282** | 15 | - | - | - | - | - | - | - | 15 | 15 | - |
| **SK 9282** | 15 | - | - | - | - | - | - | - | 15 | 15 | 15 |
| **SK 9382** | 0 | - | - | - | - | - | - | - | 15 | 15 | - |
| **SK 10382.1** | 16 | - | - | - | - | - | - | - | 16 | 16 | 16 |
| **SK 11382.1** | 9 | - | - | - | - | - | - | - | - | - | 9 |
| **SK 9072.1** | -18 | -18 | -18 | -18 | -18 | -18 | -18 | -18 | - | - | - |
| **SK 9082.1** | -20 | - | - | - | - | - | - | - | -20 | -20 | 8 |
| **SK 9086.1** | -20 | - | - | - | - | - | - | - | -20 | -20 | 8 |
| **SK 9092.1** | 16 | - | - | - | - | - | - | - | -16 | -16 | -11 |
| **SK 9096.1** | 0 | - | - | - | - | -13 | -13 | -13 | - | - | - |

**) With double gear units, if several values are stated for " ** " in the dimensional drawings, the value without brackets generally applies. The value listed in the following table must be added or subtracted for the respective double gear unit combination.

| Type | [mm] |
|---|---|
| SK 63 / 22, 23 | 4 |
| SK 73 /22, 23 | -22 |
| SK 73 / 32 | -22 |
| SK 6382 / 22 | 4 |
| SK 7382 / 22 | -22 |
| SK 7382 / 32 | -22 |
| SK 9092.1 / 52 | 16 |
| SK 9096.1 / 62 | -13 |
| SK 9096.1 / 63 | -13 |

## Tolerances

| Output and input shafts | Hollow shafts | Customer' shafts |
|---|---|---|
| Shaft tolerances - ø (DIN 748)<br>ø14 - ø 50 mm = ISO k6<br>> ø 50 mm = ISO m6 | Hollow shaft tolerances<br>- ø (DIN 748) according to ISO H7 | Tolerance of customer's shaft journal as per ISO h6 with load classification "C" (see Table ⇨📖 A18) as per ISO k6<br>L = Length of plug-in shaft<br>DIN 5480 recommended fit 8f<br>Tolerance of customer's shaft journal with shrink disc as per ISO h6 or f6 |
| Threaded holes according to DIN 332, Sheet 2:<br>= ø 7 – ø 10 ⇨ M3<br>> ø 10 – ø 13 ⇨ M4<br>> ø 13 – ø 16 ⇨ M5<br>> ø 16 – ø 21 ⇨ M6<br>> ø 21 – ø 24 ⇨ M8<br>> ø 24 – ø 30 ⇨ M10<br>> ø 30 – ø 38 ⇨ M12<br>> ø 38 – ø 50 ⇨ M16<br>> ø 50 – ø 85 ⇨ M20<br>> ø 85 – ø130 ⇨ M24<br>> ø130 – ø155 ⇨ M30<br>> ø155 – ø225 ⇨ M36<br>> ø225 – ø320 ⇨ M48 | Splined hub section DIN 5480 9H | |
| Parallel keys according to DIN 6885, sheets 1 and 3 | Parallel keys according to DIN 6885, sheets 1 and 3 | Parallel keys according to DIN 6885, sheets 1 and 3 |
| * SK 9016.1 ⇨📖E84<br>SK 9017.1 ⇨📖E86 | Hollow shaft with groove according to DIN 6885, sheet 3 | |
| **Frame size** | **Flanges** | **IEC and servo adapters** |
| Shaft height "h" according to DIN 747 | Tolerance of hole circle<br>- ø (DIN 42 948) | Tolerance of hole circle<br>- ø (DIN 42 948) |
| | Tolerance of flange centring<br>- ø (DIN 42 948)<br>≤ ø 230 mm according to ISO j6<br>> ø 230 mm according to ISO h6 | Tolerance of flange centring according to ISO H7<br>** IEC preferred series: Marked in blue in the dimension tables<br>⇨📖B61-68 |
| g1Bre<br>kBre<br>k1Bre<br>k2Bre<br>mBre<br>nBre<br>pBre<br>qABre<br>} Brake motor dimensions | Some motor dimensions may change under certain circumstances.<br>**Threads:**<br>The fastening thread for use by the customer in cast components (housing / IEC attachment adapter, servo, WO... WV / Motor brackets MK) is a standard thread in accordance with DIN 13-1. | The housings are made of cast materials. Due to the manufacturing process, the non-machined surfaces may therefore deviate slightly from the nominal dimensions. |

## Abbreviations in the power and selection tables

| Abbreviations | Description | Unit |
|---|---|---|
| $f_B$ | Operating factor ($M_{2max}$ / $M_2$) | |
| $F_A$ [1)] | Permitted axial force on output side | [kN] |
| $F_R$ [1)] | Permitted radial load, force applied at the middle of the output shaft | [kN] |
| $F_D$ | Pressure on rubber buffer | [N] |
| $i_{ges}$ | Total speed ratio | |
| $z_1$ | Number of worm threads | |
| $z_2/z_1$ | Gear unit reduction ratio of worm gear unit | |
| $i_1$ | Gear unit reduction ratio of helical gear unit | |
| $M_2$ | Output torque | [Nm] |
| $M_{2max}$ | Maximum permissible output torque | [Nm] |
| $n_2$ | Output speed | [rpm] |
| $P_1$ | Input power of gear unit | [kW] |
| $P_{1max}$ | Maximum drive power | [kW] |
| VL | Reinforced bearings | |
| η | Efficiency | [%] |
| kg | Total weight of the geared motor | [kg] |
| 1) | If a "-" is shown in the tables, reinforced bearings are not possible. | |

# Standards, Regulations
# Nomenclature

## Structure of the power and gear ratio tables for gear motor types

### 0.55 kW ⟶ Geared motor power

Nominal power of motor

Output speed at nominal motor speed

Output torque

Operating factor

Total speed ratio

Gear unit type

Weight

Dimensioned drawing: see page

| $P_1$ [kW] | $n_2$ [rpm] | $M_2$ [Nm] | $f_B$ | $i_{tot}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0.12** | 1.0 | * 775 | 0.8 | 1305.66 | 5.4 | 9.0 | 8.5 | 25.0 | **SK 32/12 - 63 S/4** | 47 | C74/C91 |
| | 1.2 | 618 | 1.0 | 1080.05 | 6.0 | 9.0 | 8.9 | 25.0 | | | |
| | 1.5 | 497 | 1.2 | 869.04 | 6.3 | 9.0 | 9.1 | 25.0 | | | |
| ⋮ | | | | | | | | | | | |
| **0.55** | 3.5 | 760 | 0.9 | #402.90 | 6.1 | 9.0 | 11.6 | 12.0 | **SK 12080 - 80 SH/4** | 39 | F38-39 |
| | 5.1 | 697 | 1.0 | #276.92 | 7.0 | 9.0 | 12.1 | 12.0 | | | |
| | 6.1 | 477 | 1.5 | 234.60 | 9.0 | 9.0 | 13.0 | 12.0 | | | |
| | 7.6 | 395 | 1.7 | 187.17 | 9.5 | 9.0 | 13.0 | 12.0 | | | |

* Maximum output torque for $f_B = 0.8$

**#** valid for worm gear units
- Only available in version **.Z** or **.F**

Permissible radial force on output side
**Normal bearings**
The listed values for $F_R$ are calculated for $F_A = 0$

Permitted axial force on output side
**Normal bearings**
The listed values for $F_A$ are calculated for $F_R = 0$

Permitted axial force on output side
**Reinforced bearings**
(Except for SK 9072.1, bevel gear units are only available in the foot mounted version).
The listed values for $F_A$ are calculated for $F_R = 0$

Permissible radial force on output side
**Reinforced bearings**
(Except for SK 9072.1, bevel gear units are only available in the foot mounted version). The listed values for $F_R$ are calculated for $F_A = 0$

## Structure of the power and gear ratio tables: Type W and type IEC

**SK 9072.1** → **Gear unit type**

IEC motor sizes
IEC standard powers
according to
DIN EN 50347

Operating factors $f_B$ with the IEC version are identical to the those of the same motor output with direct motor mounting. The $f_B$ values are listed on the pages specified.

| | $i_{tot}$ | $n_2$ | W | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $M_{2max}$ | $P_{1max}$ | | $f_B \geq 1$ | $f_B$ ⇨ 📖 E4 - E42 | | | | | | |
| | | $n_1$= 1400rpm | $f_B = 1$ | $n_1$ = 1400rpm | $n_1$= 930rpm | $n_1$= 700rpm | | | | | | | |
| | | [rpm] | [Nm] | [kW] | [kW] | [kW] | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
| SK 9072.1 | 245.76 | 5.7 | 8500 | 5.07 | 3.35 | 2.54 | | | * | | | | |
| | 206.84 | 6.8 | 8500 | 6.05 | 3.99 | 3.03 | | | * | | | | |
| | 186.86 | 7.5 | 8500 | 6.68 | 4.41 | 3.34 | | | * | * | * | | |
| | 157.27 | 8.9 | 8500 | 7.92 | 5.23 | 3.96 | | | * | * | * | | |
| | ⋮ | | | | | | | | | | | | |
| | 10.19 | 137 | 4700 | *45.00* | *29.70* | *22.50* | | | | | | | |
| | 9.16 | 153 | 4700 | *45.00* | *29.70* | *22.50* | | | | | | | |

Gear unit type

Speed ratio

Output speed

Max. output torque
Type W with $f_B = 1$

max. drive power $P_{1max}$
Type W

*Italics mean*:
with $P_{1max}$ the operating factor is $f_B > 1$

Non italic indicates:
For $P_{1max}$ the operating factor
is $f_B = 1$

Asterisk indicates:
Caution, do not exceed the maximum drive power $P_{1max}$ according to the Type W column

A coloured field means:
IEC adapter is available for this IEC motor size and this reduction ratio

# Standards, Regulations
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## Position of the shafts, flanges, torque arms and shrink discs for angular gear units

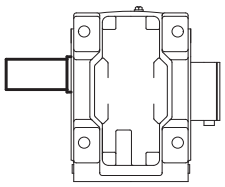
For bevel gear units and helical worm gear units, the position of the output shaft, the B5 flange, the torque arm and the shrink disc are defined as follows:

**The definitions of sides A and B relate to the M1 version**

**For further details of versions M1 - M6 please refer to ⇨ A67**

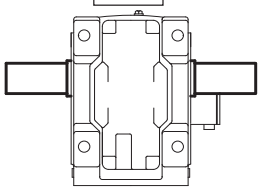
### Output shaft at B

B

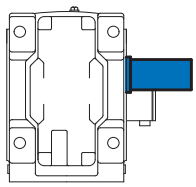


### Output shaft at A and B

A+B



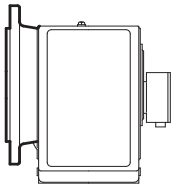
### Output shaft at A (standard version)



A

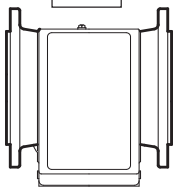
### Flange at B

B

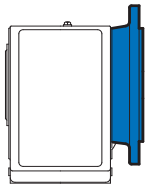


### Flange at A and B

A+B

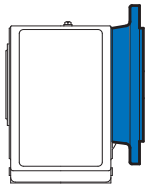


### Flange at A (standard version)



A

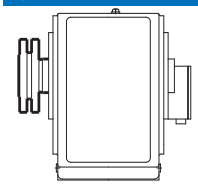
*

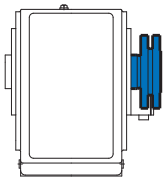


A

### Shrink disc at B (standard version)

B

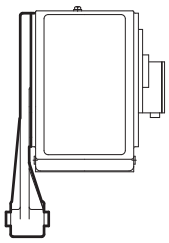


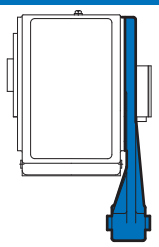


A

### Torque arm at A (standard version)

B

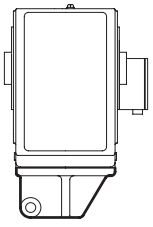




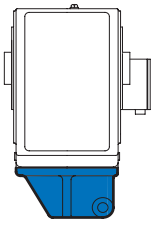
A

### Torque bracket at B

B



### Torque bracket at A (standard version)



A

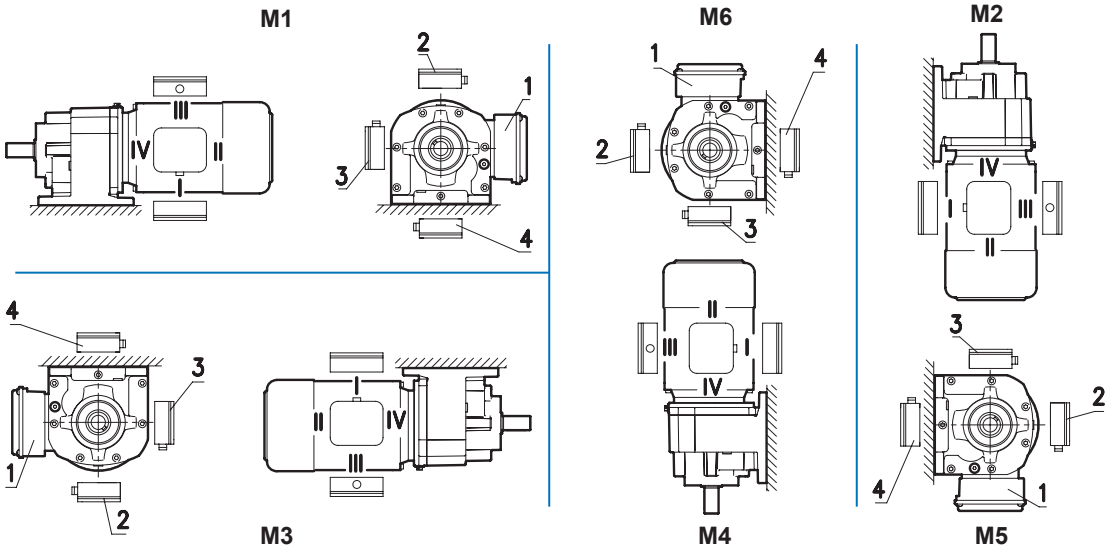
## Terminal box and cable gland

**Standardversion**

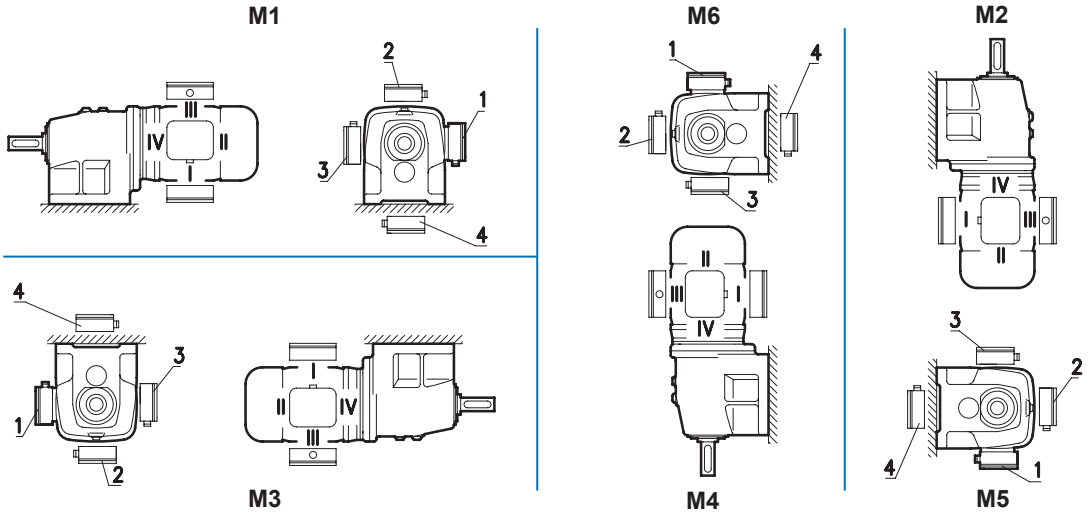
**Terminal box at 1 and cable gland at I.**

f a different configuration is required, please state this explicitly in the order. Please always enquire about the cable gland for IV.
For size 63 to 132 brake motors, the cable gland at I and III are standard.

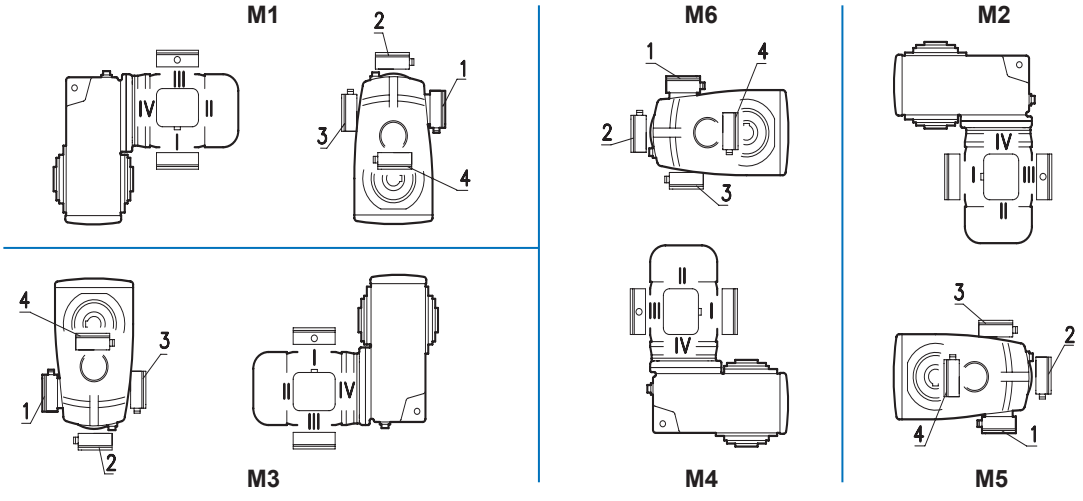
**NORDBLOC.1 helical gear units**




**Helical gear units**




**Parallel shaft gear units**




**For further details of versions M1-M6 please refer to ⇨📖 A67**

# Standards, Regulations Nomenclature

## Terminal boxes and cable glands

### Standard version

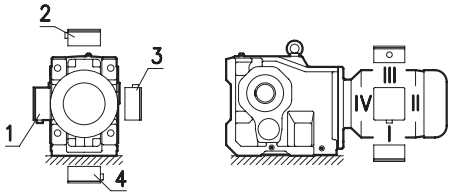
**Terminal box at 1 and cable gland at I.**

If a different configuration is required, please state this explicitly in the order. Please always enquire about the cable gland for IV.

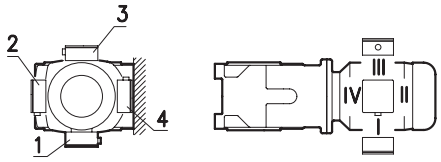
For size 63 to 132 brake motors, the cable gland at I and III are standard.

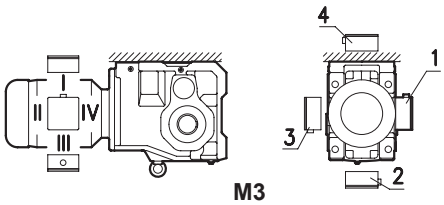
### Bevel gear units

M1

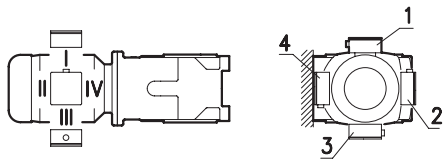



M5



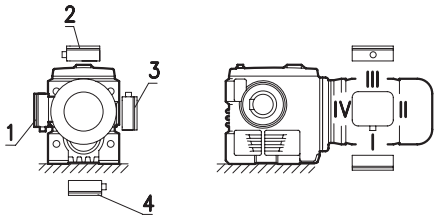

M3



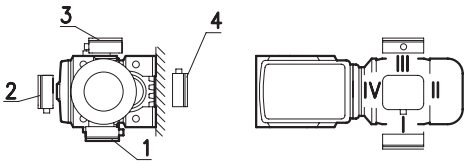

M6

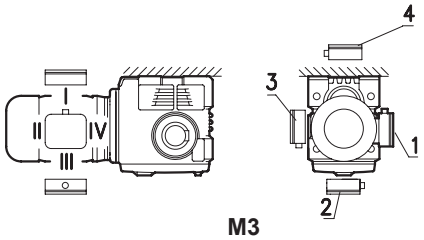
### Helical worm gear units

M1

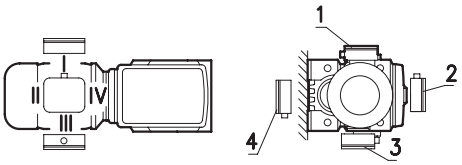



M5




M3




M6

For further details of versions M1-M6 please refer to ⇨🕮 A67

## Installation positions - nomenclature

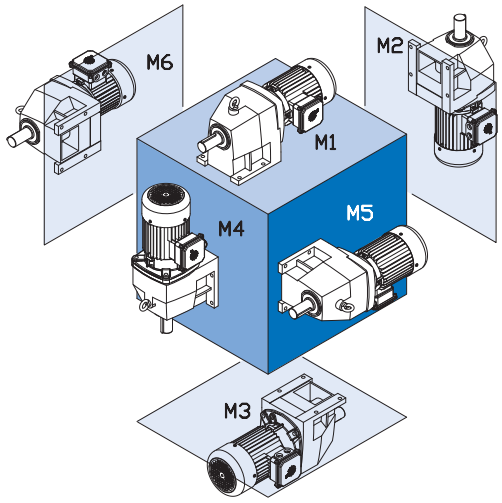
**Installation positions M1 - M6**

For gear units and geared motors, NORD specifies six installation positions from M1 to M6 as shown in the following diagrams. The relevant installation position must be stated when ordering.

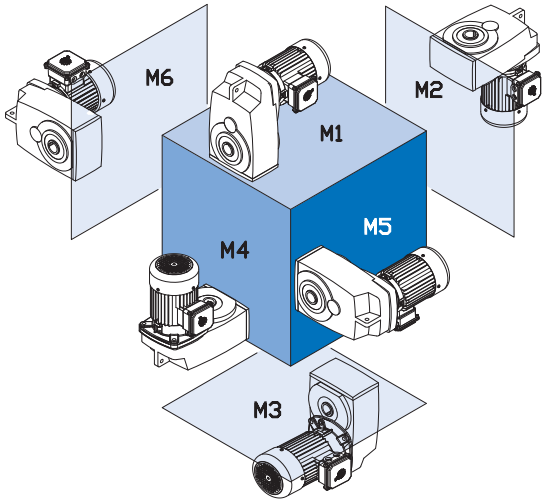
**Changes to installation positions**

Changes to the installation position require adjustment of the quantity of oil, and often other measures such as the installation of encapsulated roller bearings. Damage may result if the necessary measures are not observed. Tilted installation positions between the 6 basic positions are possible. Please contact us.

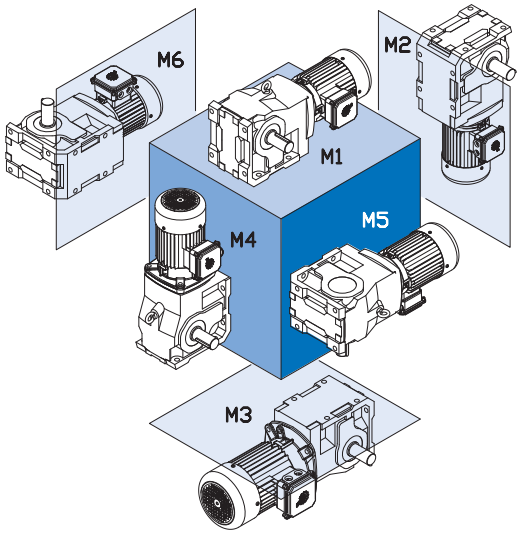
### Helical gear units



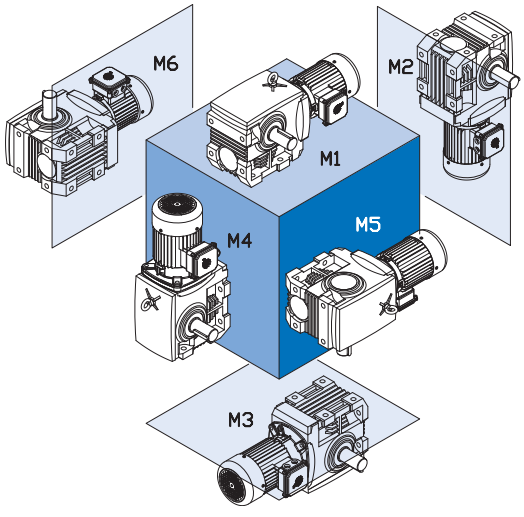

### Parallel shaft gear units




### Bevel gear unit



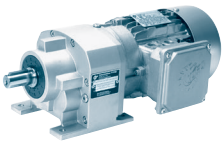

### Helical worm gear units




The versions, with the position of the oil level plug, the vent plug and the oil drain plug can be found on ⇨🕮A68

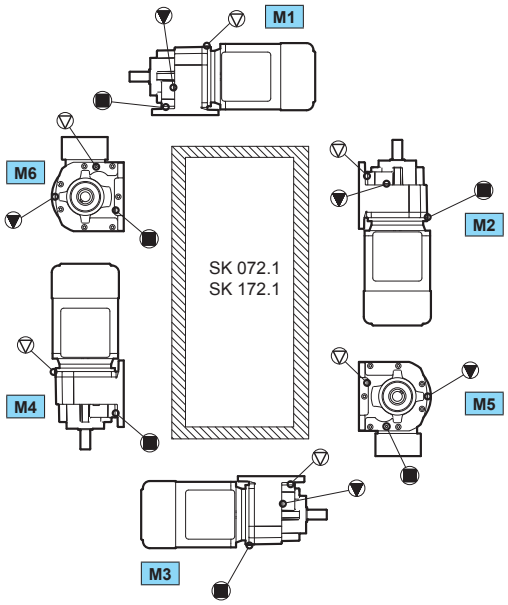
# Standards, Regulations
# Nomenclature

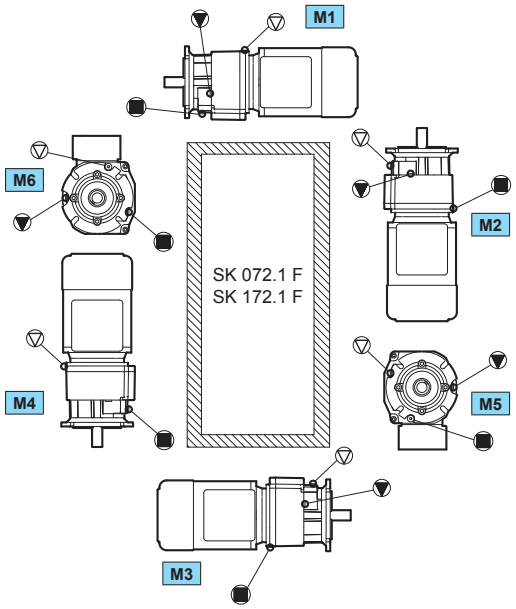
## NORDBLOC.1
## helical gear units

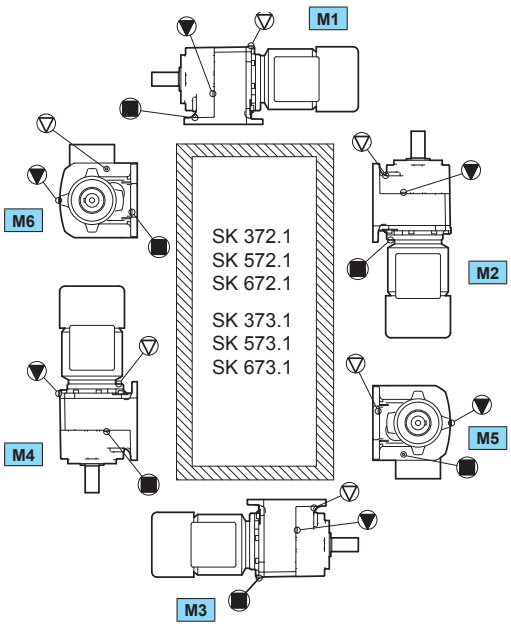


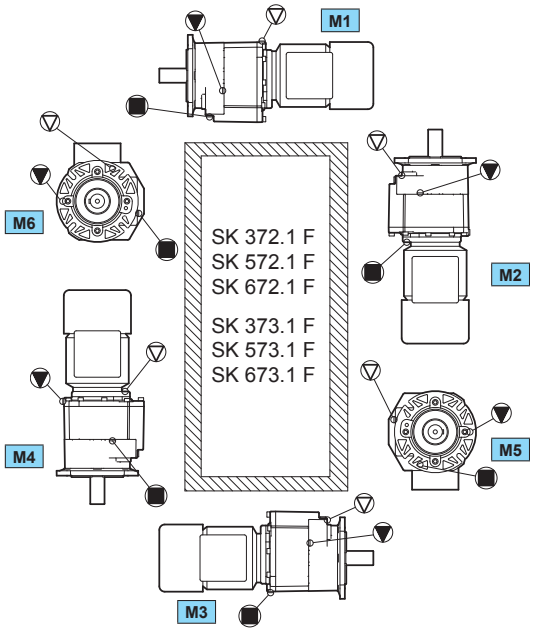
### Symbols for oil screw plugs in the mounting positions

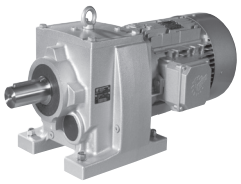
| | | |
|---|---|---|
| Venting | Oil level | Oil drain |



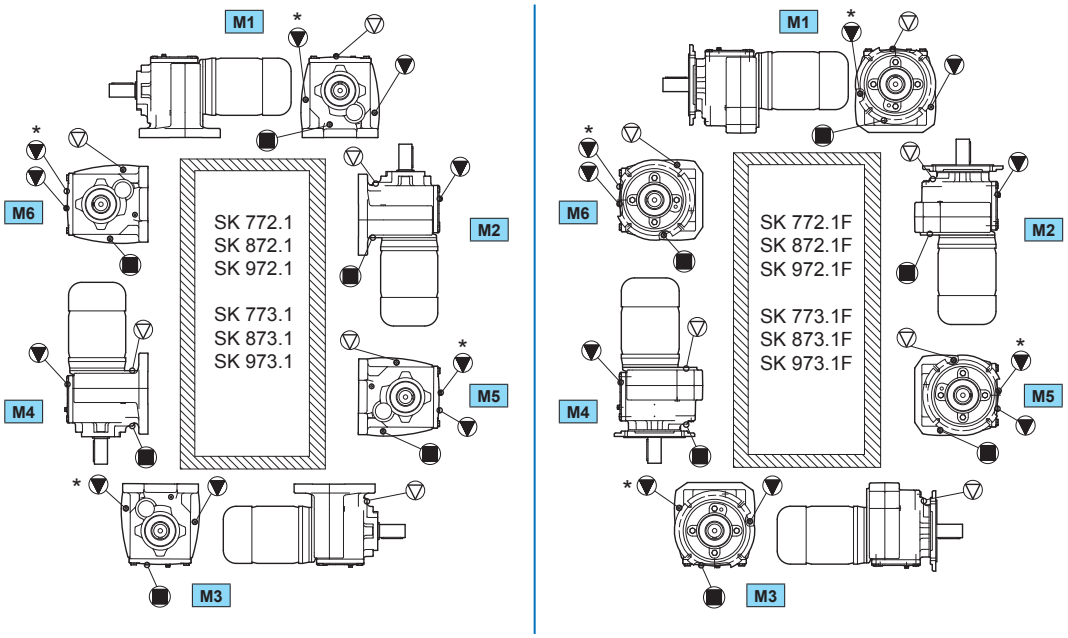







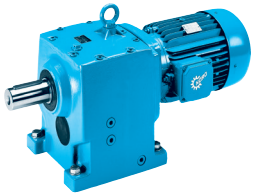
| Venting | Oil level | Oil drain |
|---|---|---|




* SK 773.1(F) - SK 973.1(F)

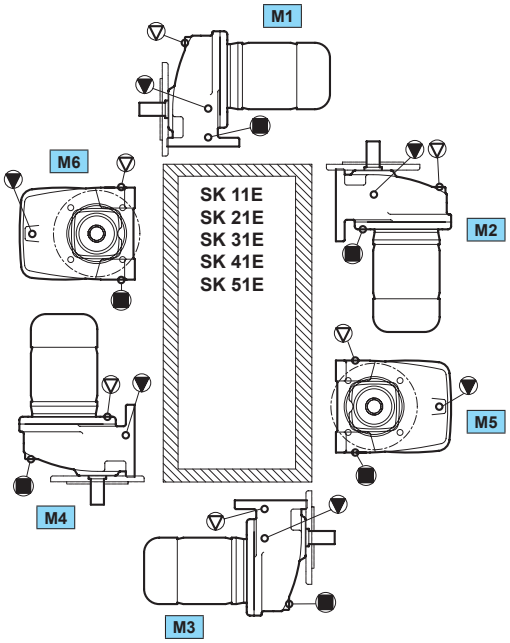
# Standards, Regulations
# Nomenclature

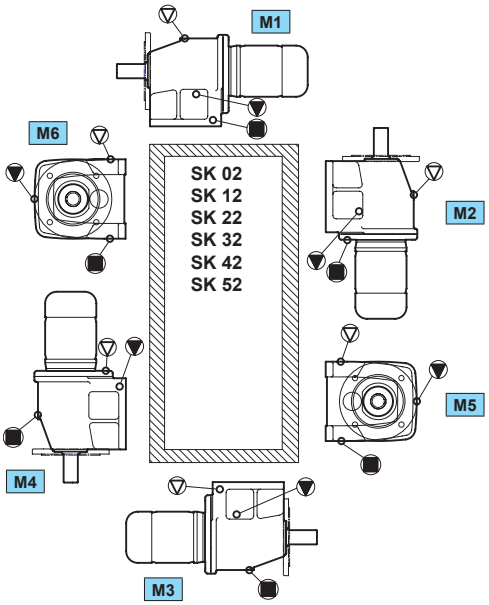
## Helical gear units

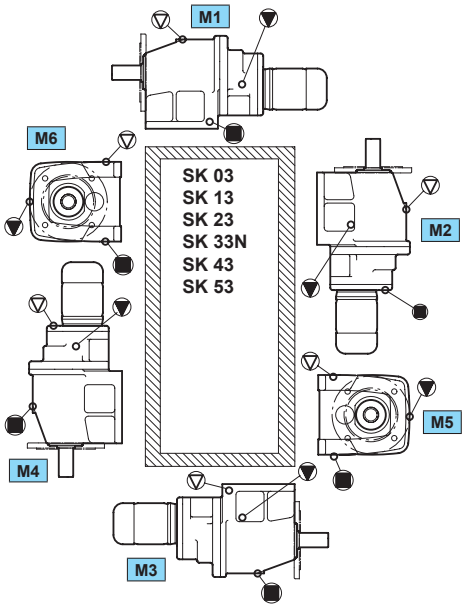


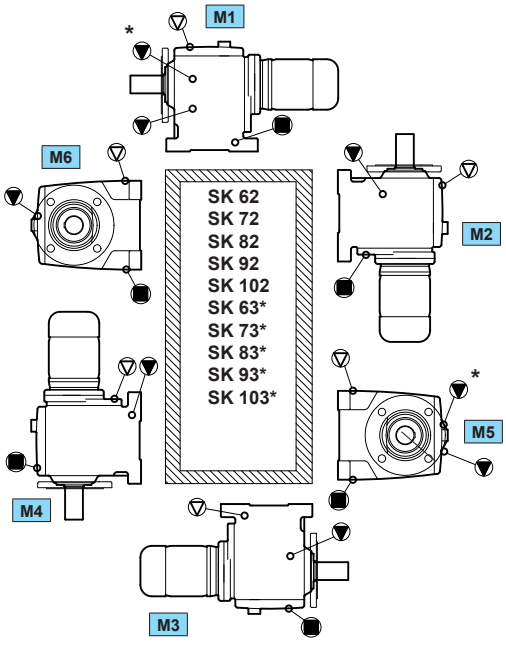
### Symbols for oil screw plugs in the mounting positions

| Venting | Oil level | Oil drain |
|---|---|---|

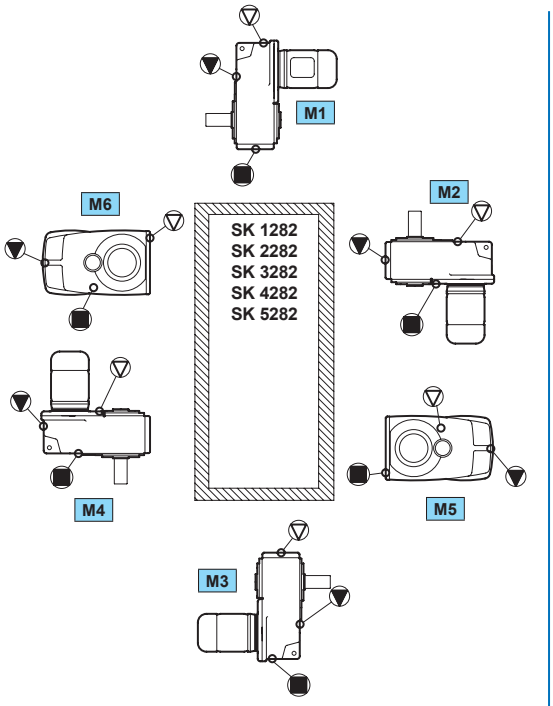


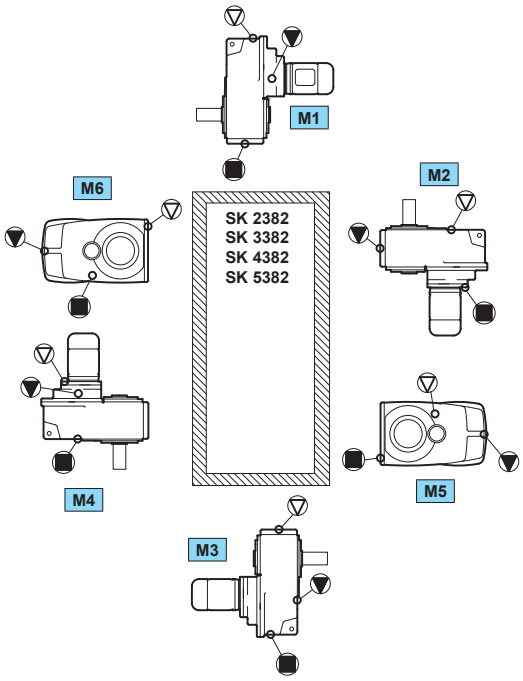



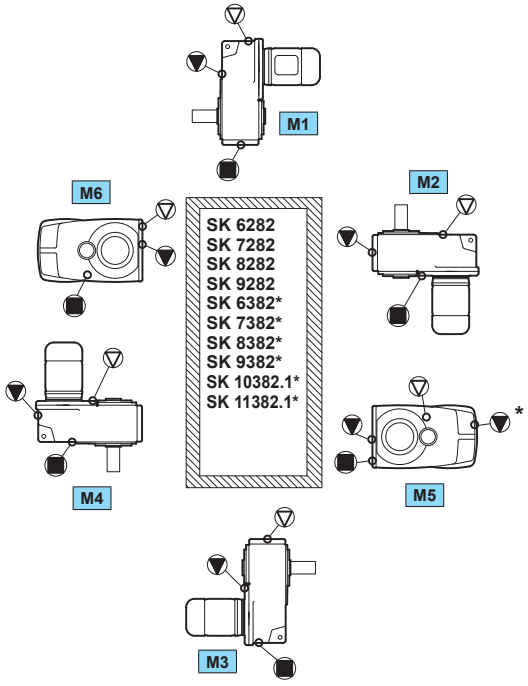



| Venting | Oil level | Oil drain |
|---|---|---|

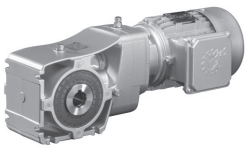


# Standards, Regulations
# Nomenclature

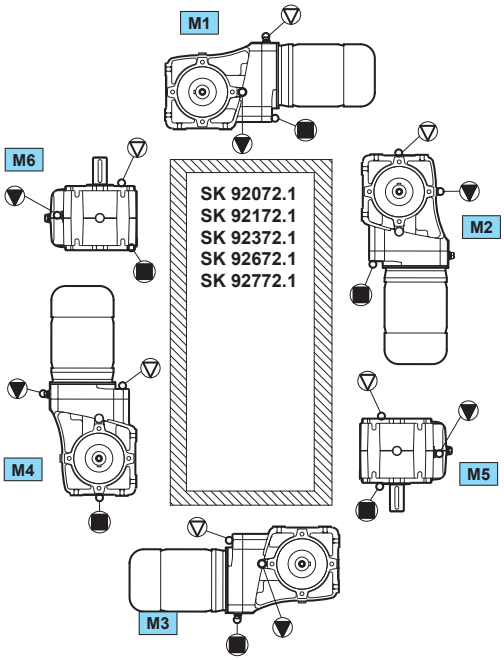
## Bevel gear units

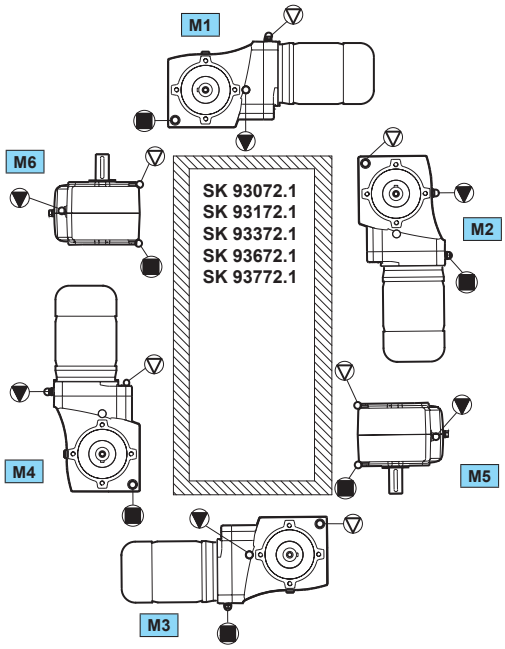


### Foot-mounted version

### Symbols for oil screw plugs in the mounting positions

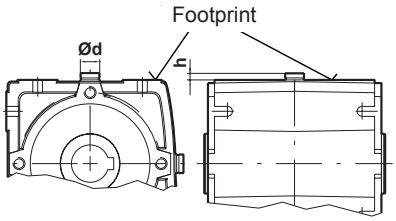
| Vent | Oil level | Oil drain |
|---|---|---|



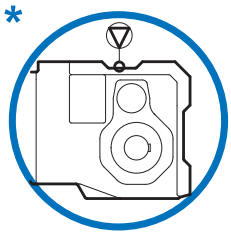

For the NORD gear unit series SK 92x72.1 it should be noted that for structural reasons, the shutter or venting screw can only be mounted on the side opposite to the motor and protrudes beyond the footprint.

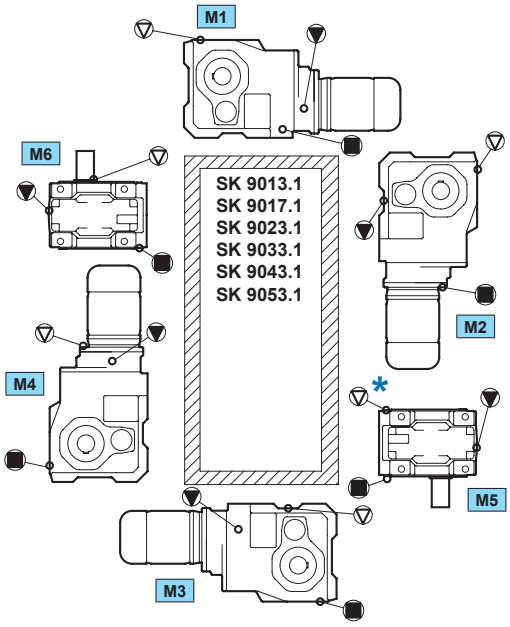
Refer to the table below for the required clearances **Ød** and **h** for the particular gear unit size. This should be considered for the customer's connection design.

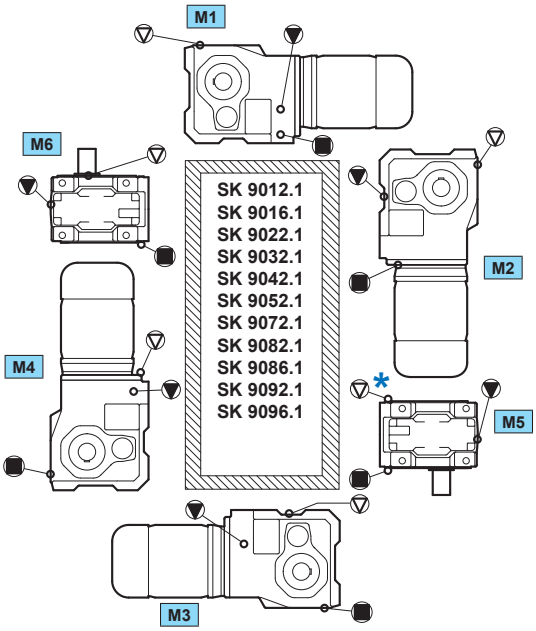



| Gear unit | shutter / venting screw | Ød [mm] | h [mm] |
|---|---|---|---|
| 92072.1 | M8 x 1,0 | 15 | 12 |
| 92172.1 | M10 x 1,0 | 17 | 15 |
| 92372.1 | M12 x 1,5 | 21 | 15 |
| 92672.1 | M12 x 1,5 | 21 | 15 |
| 92772.1 | M12 x 1,5 | 21 | 15 |

### Foot-mounted version

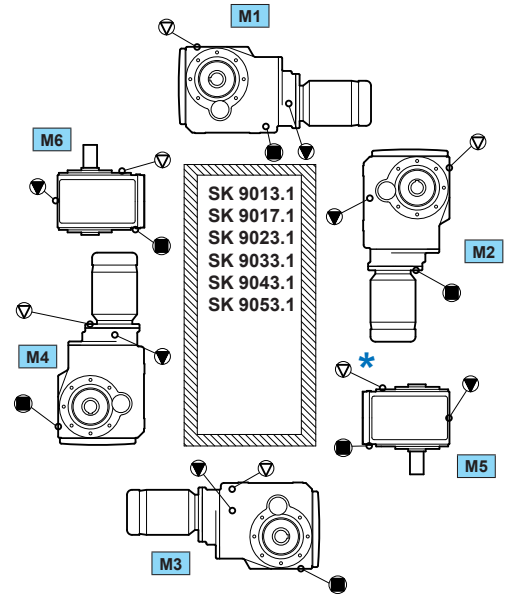


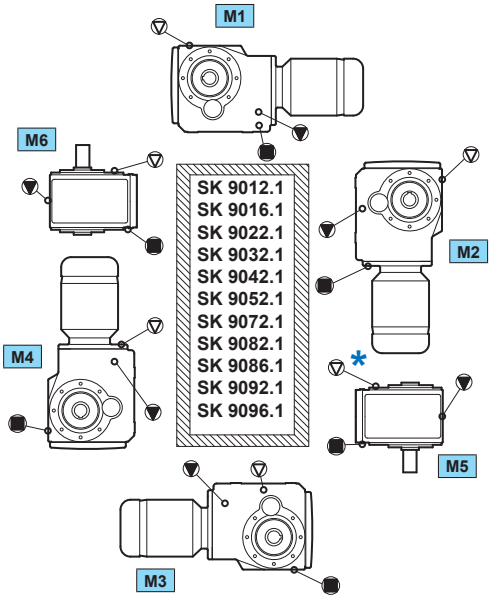



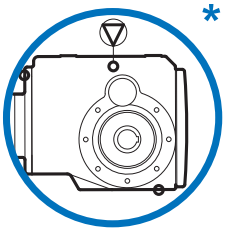
## Bevel gear units

| Vent | Oil level | Oil drain |
|---|---|---|



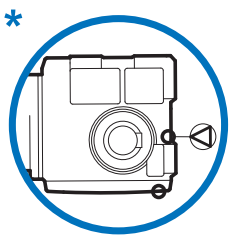
### Push-on and flange versions



# Standards, Regulations
# Nomenclature

## Helical worm gear units

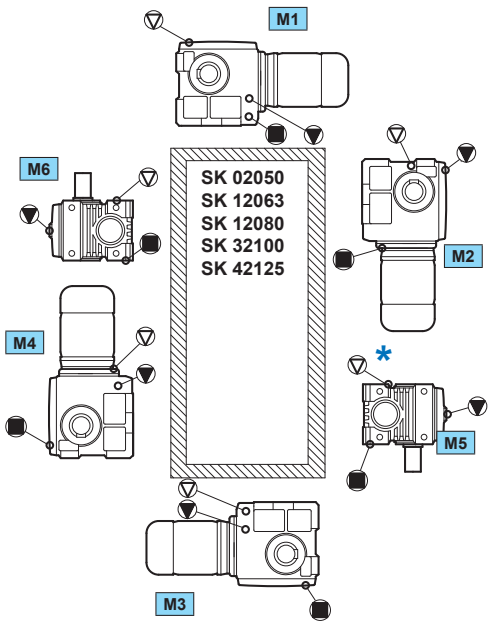
### Foot-mounted version

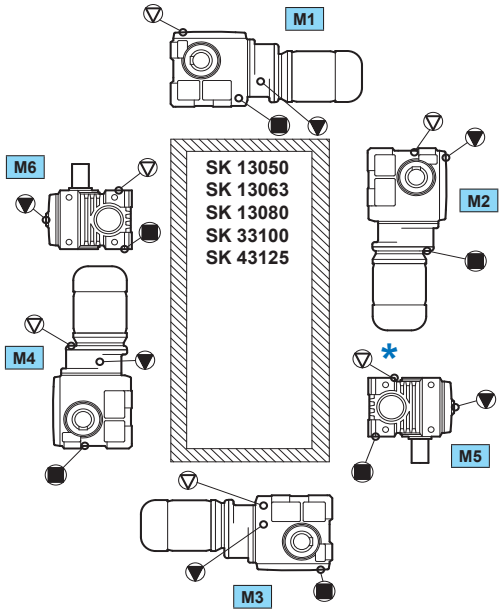


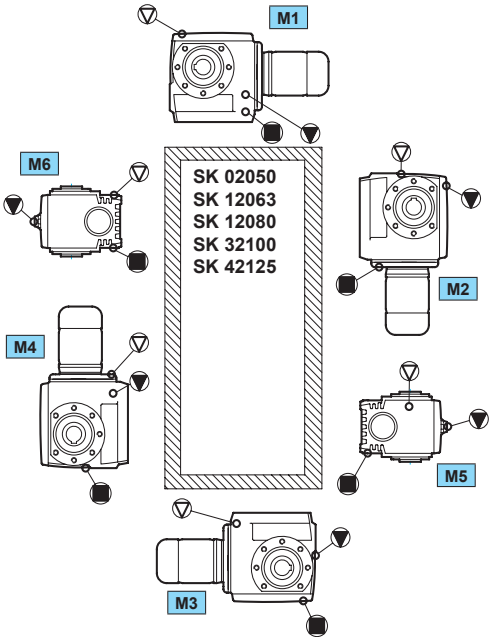

## Push-on and flange versions

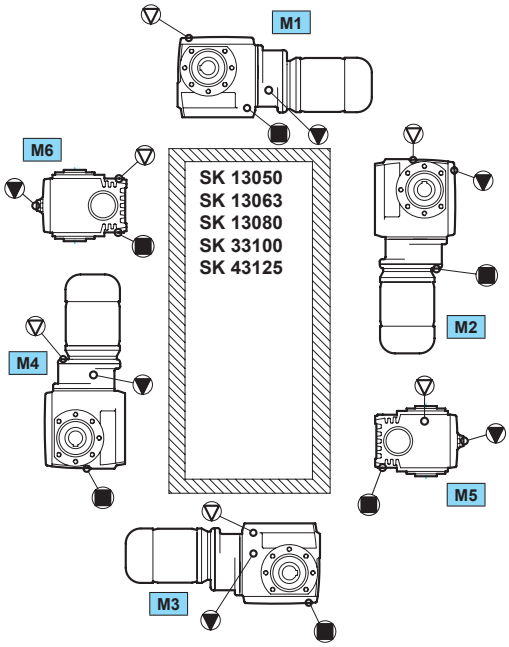
## Symbols for oil screw plugs in the mounting positions

| Vent | Oil level | Oil drain |
|---|---|---|

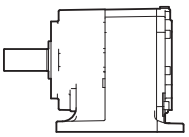


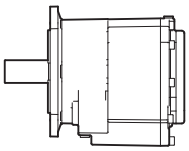



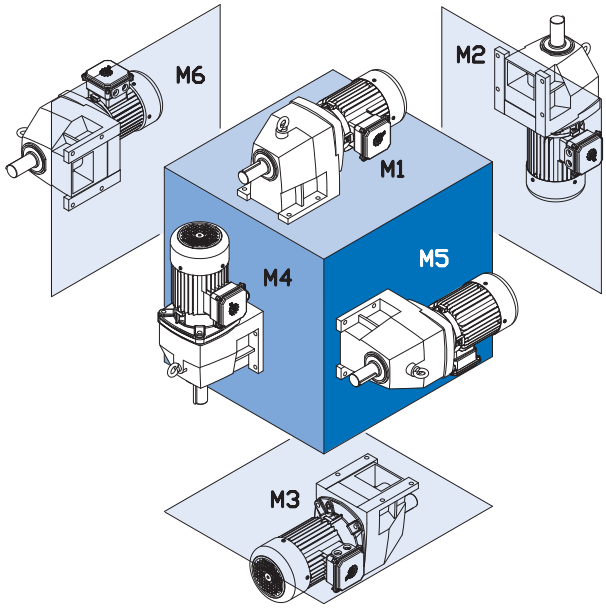
| [L] | | | | | | Type |
|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | |
| 0,16 | 0,32 | 0,21 | 0,23 | 0,18 | 0,20 | SK 072.1 |
| 0,27 | 0,59 | 0,42 | 0,45 | 0,32 | 0,39 | SK 172.1 |
| 0,45 | 1,05 | 0,75 | 1,00 | 0,60 | 0,65 | SK 372.1 |
| 0,75 | 1,90 | 1,50 | 2,00 | 1,10 | 1,15 | SK 572.1 |
| 1,10 | 2,60 | 2,15 | 2,70 | 1,55 | 1,65 | SK 672.1 |
| 1,30 | 3,80 | 2,40 | 3,20 | 1,60 | 2,50 | SK 772.1 |
| 2,90 | 7,80 | 4,60 | 6,40 | 2,50 | 4,00 | SK 872.1 |
| 4,50 | 12,00 | 7,50 | 11,50 | 4,20 | 7,50 | SK 972.1 |
| 2,00 | 3,80 | 2,40 | 3,20 | 1,60 | 2,50 | SK 772.1 VL |
| 5,00 | 7,80 | 4,60 | 6,40 | 2,50 | 4,00 | SK 872.1 VL |
| 8,50 | 12,00 | 7,50 | 11,50 | 4,20 | 7,50 | SK 972.1 VL |
| 0,45 | 1,05 | 0,75 | 1,00 | 0,60 | 0,65 | SK 373.1 |
| 0,75 | 1,90 | 1,50 | 2,00 | 1,10 | 1,15 | SK 573.1 |
| 1,10 | 2,60 | 2,15 | 2,70 | 1,55 | 1,65 | SK 673.1 |
| 2,30 | 3,80 | 3,30 | 3,20 | 2,40 | 3,10 | SK 773.1 |
| 4,20 | 7,80 | 5,90 | 6,40 | 4,10 | 5,90 | SK 873.1 |
| 7,50 | 12,00 | 10,50 | 11,50 | 7,50 | 10,50 | SK 973.1 |
| 2,30 | 3,80 | 3,30 | 3,20 | 2,40 | 3,10 | SK 773.1 VL |
| 4,20 | 7,80 | 5,90 | 6,40 | 4,10 | 5,90 | SK 873.1 VL |
| 7,50 | 12,00 | 10,50 | 11,50 | 7,50 | 10,50 | SK 973.1 VL |

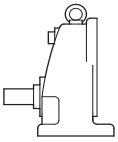
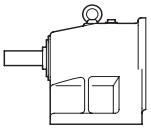
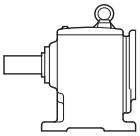
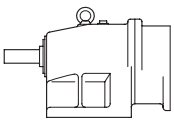
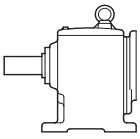


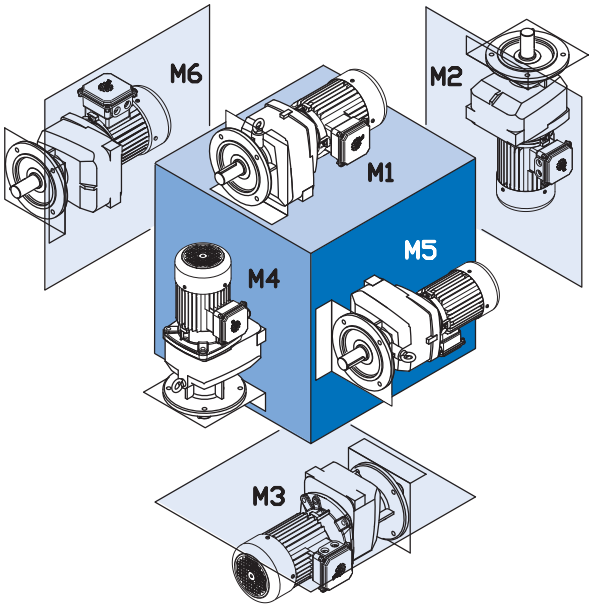
| [L] | | | | | | Type |
|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | |
| 0,16 | 0,32 | 0,21 | 0,23 | 0,18 | 0,20 | SK 072.1 F |
| 0,27 | 0,59 | 0,42 | 0,45 | 0,32 | 0,39 | SK 172.1 F |
| 0,45 | 1,05 | 0,75 | 1,00 | 0,60 | 0,65 | SK 372.1 F |
| 0,75 | 1,90 | 1,50 | 2,00 | 1,10 | 1,15 | SK 572.1 F |
| 1,10 | 2,60 | 2,15 | 2,70 | 1,55 | 1,65 | SK 672.1 F |
| 1,30 | 3,80 | 2,40 | 3,30 | 1,70 | 2,40 | SK 772.1 F |
| 3,20 | 7,50 | 5,10 | 6,70 | 2,60 | 4,30 | SK 872.1 F |
| 4,50 | 12,50 | 8,00 | 12,50 | 4,50 | 7,70 | SK 972.1 F |
| 2,00 | 3,80 | 2,40 | 3,30 | 1,70 | 2,40 | SK 772.1 VL F |
| 5,00 | 7,50 | 5,10 | 6,70 | 2,60 | 4,30 | SK 872.1 VL F |
| 8,50 | 12,50 | 8,00 | 12,50 | 4,50 | 7,70 | SK 972.1 VL F |
| 0,45 | 1,05 | 0,75 | 1,00 | 0,60 | 0,65 | SK 373.1 F |
| 0,75 | 1,90 | 1,50 | 2,00 | 1,10 | 1,15 | SK 573.1 F |
| 1,10 | 2,60 | 2,15 | 2,70 | 1,55 | 1,65 | SK 673.1 F |
| 2,00 | 3,50 | 3,20 | 2,90 | 2,30 | 3,00 | SK 773.1 F |
| 4,10 | 7,60 | 6,90 | 6,60 | 5,00 | 6,60 | SK 873.1 F |
| 7,40 | 12,20 | 11,10 | 11,60 | 8,00 | 10,90 | SK 973.1 F |
| 2,00 | 3,50 | 3,20 | 2,90 | 2,30 | 3,00 | SK 773.1 VL F |
| 4,10 | 7,60 | 6,90 | 6,60 | 5,00 | 6,60 | SK 873.1 VL F |
| 7,40 | 12,20 | 11,10 | 11,60 | 8,00 | 10,90 | SK 973.1 VL F |

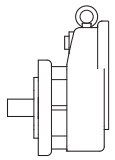
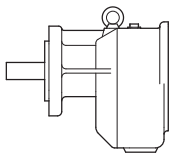
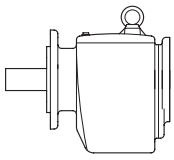
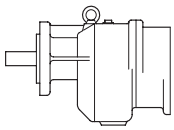
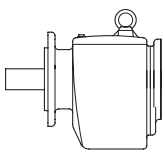


# Helical gear units

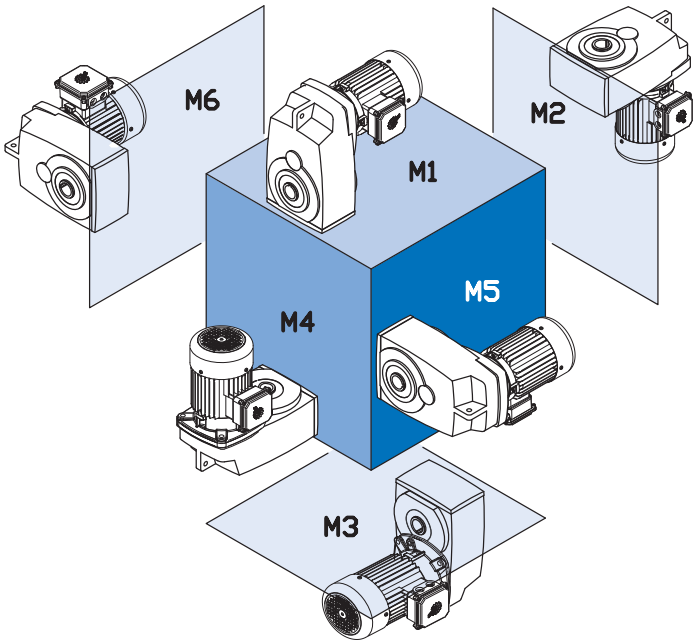


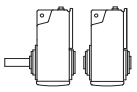
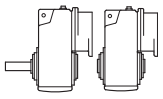
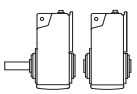
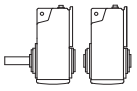
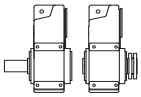

| Type | | [L] | | | | | |
|---|---|---|---|---|---|---|---|
| | | M1 | M2 | M3 | M4 | M5 | M6 |
|  | SK 11E | 0,25 | 0,50 | 0,65 | 0,50 | 0,40 | 0,40 |
| | SK 21E | 0,60 | 1,20 | 1,30 | 1,00 | 1,00 | 1,00 |
| | SK 31E | 1,10 | 2,00 | 2,20 | 1,70 | 1,50 | 1,50 |
| | SK 41E | 1,60 | 2,60 | 3,30 | 2,80 | 2,30 | 2,30 |
| | SK 51E | 1,80 | 3,50 | 4,10 | 4,00 | 3,80 | 3,80 |
| | SK 02 | 0,20 | 0,75 | 0,75 | 0,65 | 0,60 | 0,60 |
|  | SK 12 | 0,25 | 0,80 | 0,85 | 0,75 | 0,55 | 0,55 |
| | SK 22 | 0,50 | 1,90 | 2,10 | 1,80 | 1,40 | 1,40 |
| | SK 32 | 0,90 | 2,50 | 3,10 | 3,10 | 2,00 | 2,00 |
| | SK 42 | 1,40 | 4,50 | 4,50 | 4,30 | 3,20 | 3,20 |
| | SK 52 | 2,50 | 7,00 | 6,80 | 6,80 | 5,10 | 5,10 |
|  | SK 62 | 6,50 | 15,00 | 13,00 | 16,00 | 15,00 | 15,00 |
| | SK 72 | 10,00 | 23,00 | 18,00 | 26,00 | 23,00 | 23,00 |
| | SK 82 | 14,00 | 35,00 | 27,00 | 44,00 | 32,00 | 32,00 |
| | SK 92 | 25,00 | 73,00 | 47,00 | 76,00 | 52,00 | 52,00 |
| | SK 102 | 36,00 | 79,00 | 66,00 | 102,00 | 71,00 | 71,00 |
| | SK 03 | 0,35 | 1,20 | 0,80 | 1,00 | 0,70 | 0,70 |
|  | SK 13 | 0,75 | 1,30 | 1,30 | 1,20 | 0,75 | 0,75 |
| | SK 23 | 1,20 | 2,00 | 1,90 | 2,40 | 1,60 | 1,60 |
| | SK 33N | 1,75 | 3,00 | 3,40 | 4,00 | 2,30 | 2,30 |
| | SK 43 | 3,00 | 5,60 | 5,20 | 6,60 | 3,60 | 3,60 |
| | SK 53 | 4,50 | 8,70 | 7,70 | 8,70 | 6,00 | 6,00 |
|  | SK 63 | 13,00 | 14,50 | 14,50 | 16,00 | 13,00 | 13,00 |
| | SK 73 | 20,50 | 20,00 | 22,50 | 27,00 | 20,00 | 20,00 |
| | SK 83 | 30,00 | 31,00 | 34,00 | 37,00 | 33,00 | 33,00 |
| | SK 93 | 53,00 | 70,00 | 59,00 | 72,00 | 49,00 | 49,00 |
| | SK 103 | 74,00 | 71,00 | 74,00 | 97,00 | 67,00 | 67,00 |




| [L] | | | | | | Type | |
|---|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | | |
| 0,30 | 0,50 | 0,50 | 0,45 | 0,40 | 0,40 | SK 11EF |  |
| 0,50 | 1,20 | 1,30 | 0,60 | 0,90 | 0,90 | SK 21EF | |
| 0,90 | 1,80 | 1,65 | 1,30 | 1,25 | 1,25 | SK 31EF | |
| 1,20 | 2,30 | 2,70 | 2,00 | 1,90 | 1,90 | SK 41EF | |
| 1,80 | 3,50 | 4,10 | 3,00 | 3,80 | 3,80 | SK 51EF | |
| 0,25 | 0,70 | 0,70 | 0,70 | 0,50 | 0,50 | SK 02F | |
| 0,35 | 0,85 | 0,90 | 0,90 | 0,70 | 0,70 | SK 12F |  |
| 0,70 | 1,80 | 1,80 | 1,80 | 1,40 | 1,40 | SK 22F | |
| 1,20 | 2,80 | 3,10 | 3,10 | 2,20 | 2,20 | SK 32F | |
| 1,80 | 4,40 | 4,50 | 4,00 | 3,70 | 3,70 | SK 42F | |
| 3,00 | 6,80 | 6,20 | 7,40 | 5,60 | 5,60 | SK 52F | |
| 7,00 | 15,00 | 14,00 | 18,50 | 16,00 | 16,00 | SK 62F |  |
| 10,00 | 23,00 | 18,50 | 28,00 | 23,00 | 23,00 | SK 72F | |
| 15,00 | 37,00 | 29,00 | 45,00 | 34,50 | 34,50 | SK 82F | |
| 26,00 | 73,00 | 47,00 | 78,00 | 52,00 | 52,00 | SK 92F | |
| 40,00 | 81,00 | 66,00 | 104,00 | 72,00 | 72,00 | SK 102F | |
| 0,55 | 0,95 | 0,90 | 1,20 | 0,90 | 0,90 | SK 03F | |
| 1,00 | 1,30 | 1,30 | 1,20 | 1,00 | 1,00 | SK 13F |  |
| 1,40 | 2,60 | 2,30 | 2,80 | 2,80 | 2,80 | SK 23F | |
| 2,20 | 3,00 | 3,40 | 4,20 | 2,30 | 2,30 | SK 33NF | |
| 3,50 | 5,70 | 5,00 | 6,10 | 4,10 | 4,10 | SK 43F | |
| 5,20 | 8,40 | 7,00 | 8,90 | 6,70 | 6,70 | SK 53F | |
| 13,50 | 14,00 | 15,50 | 18,00 | 14,00 | 14,00 | SK 63F |  |
| 22,00 | 22,50 | 23,00 | 27,50 | 20,00 | 20,00 | SK 73F | |
| 31,00 | 34,00 | 35,00 | 40,00 | 34,00 | 34,00 | SK 83F | |
| 53,00 | 70,00 | 59,00 | 74,00 | 49,00 | 49,00 | SK 93F | |
| 69,00 | 78,00 | 78,00 | 99,00 | 67,00 | 67,00 | SK 103F | |

# Parallel shaft gear units




| Type | | [L] | | | | | |
|---|---|---|---|---|---|---|---|
| | | M1 | M2 | M3 | M4 | M5 | M6 |
|  | SK 1282 | 0,95 | 1,30 | 0,90 | 1,30 | 1,00 | 1,00 |
| | SK 2282 | 1,70 | 2,30 | 1,70 | 2,20 | 1,90 | 1,90 |
| | SK 3282 | 2,80 | 4,00 | 3,30 | 3,80 | 3,00 | 3,00 |
| | SK 4282 | 4,20 | 5,40 | 4,40 | 5,00 | 4,20 | 4,20 |
| | SK 5282 | 7,50 | 8,80 | 7,50 | 8,80 | 7,20 | 7,20 |
|  | SK 2382 | 2,30 | 2,70 | 2,10 | 3,20 | 2,00 | 2,00 |
| | SK 3382 | 3,80 | 4,30 | 3,00 | 5,50 | 3,00 | 3,00 |
| | SK 4382 | 6,10 | 6,90 | 4,90 | 8,40 | 5,00 | 5,00 |
| | SK 5382 | 12,50 | 12,00 | 6,70 | 14,00 | 8,30 | 8,30 |
| | SK 1382 | 1,45 | 1,60 | 1,15 | 1,70 | 1,10 | 1,10 |
|  | SK 6282 | 17,00 | 15,50 | 12,50 | 17,50 | 11,00 | 14,00 |
| | SK 7282 | 25,50 | 21,00 | 20,50 | 27,00 | 16,00 | 21,00 |
| | SK 8282 | 37,50 | 33,00 | 30,50 | 44,00 | 31,00 | 31,00 |
| | SK 9282 | 74,50 | 70,00 | 56,00 | 80,00 | 65,00 | 59,00 |
|  | SK 6382 | 16,00 | 13,00 | 10,00 | 18,00 | 14,00 | 12,50 |
| | SK 7382 | 22,00 | 21,00 | 16,00 | 25,00 | 23,00 | 22,00 |
| | SK 8382 | 34,50 | 32,50 | 25,00 | 38,00 | 35,00 | 30,00 |
| | SK 9382 | 73,50 | 70,00 | 43,00 | 74,50 | 65,00 | 60,00 |
|  | SK 10382.1 | 76,00 | 80,00 | 71,00 | 92,50 | 71,50 | 66,50 |
| | SK 11382.1 * | 127,00 | 133,00 | 118,00 | 194,00 | 124,00 | 112,00 |

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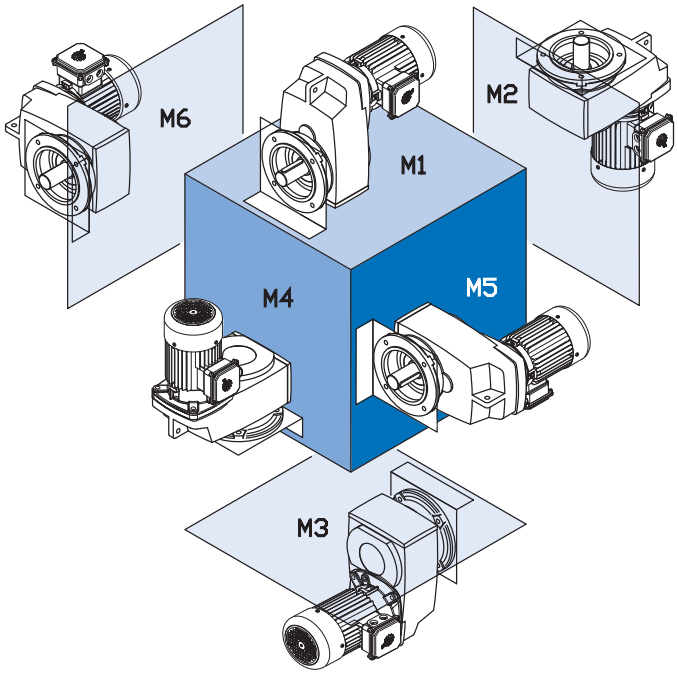
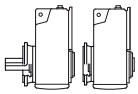
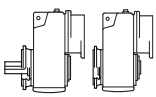
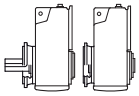
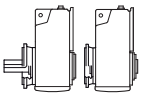
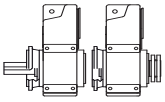



| [L] | | | | | | Type |
|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | |
| 0,95 | 1,30 | 0,90 | 1,30 | 1,00 | 1,00 | **SK 1282.F** |
| 1,70 | 2,30 | 1,70 | 2,20 | 1,90 | 1,90 | **SK 2282.F** |
| 2,80 | 4,00 | 3,30 | 3,80 | 3,00 | 3,00 | **SK 3282.F** |
| 4,20 | 5,40 | 4,40 | 5,00 | 4,20 | 4,20 | **SK 4282.F** |
| 7,50 | 8,80 | 7,50 | 8,80 | 7,20 | 7,20 | **SK 5282.F** |
| 2,30 | 2,70 | 2,10 | 3,20 | 2,00 | 2,00 | **SK 2382.F** |
| 3,80 | 4,30 | 3,00 | 5,50 | 3,00 | 3,00 | **SK 3382.F** |
| 6,10 | 6,90 | 4,90 | 8,40 | 5,00 | 5,00 | **SK 4382.F** |
| 12,50 | 12,00 | 6,70 | 14,00 | 8,30 | 8,30 | **SK 5382.F** |
| 1,45 | 1,60 | 1,15 | 1,70 | 1,10 | 1,10 | **SK 1382.F** |
| 17,00 | 15,50 | 12,50 | 17,50 | 11,00 | 14,00 | **SK 6282.F** |
| 25,50 | 21,00 | 20,50 | 27,00 | 16,00 | 21,00 | **SK 7282.F** |
| 37,50 | 33,00 | 30,50 | 44,00 | 31,00 | 31,00 | **SK 8282.F** |
| 74,50 | 70,00 | 56,00 | 80,00 | 65,00 | 59,00 | **SK 9282.F** |
| 16,00 | 13,00 | 10,00 | 18,00 | 14,00 | 12,50 | **SK 6382.F** |
| 22,00 | 21,00 | 16,00 | 25,00 | 23,00 | 22,00 | **SK 7382.F** |
| 34,50 | 32,50 | 25,00 | 38,00 | 35,00 | 30,00 | **SK 8382.F** |
| 73,50 | 70,00 | 43,00 | 74,50 | 65,00 | 60,00 | **SK 9382.F** |
| 76,00 | 80,00 | 71,00 | 92,50 | 71,50 | 66,50 | **SK 10382.1.F** |
| 127,00 | 133,00 | 118,00 | 194,00 | 124,00 | 112,00 | **SK 11382.1.F** * |

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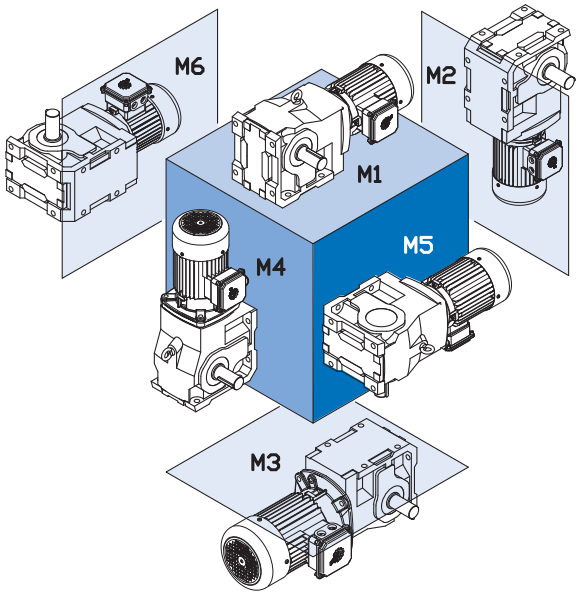
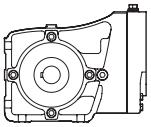
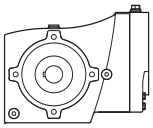
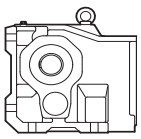
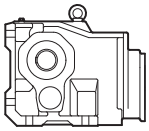
# Bevel gear units




| Type | | [L] | | | | | |
|---|---|---|---|---|---|---|---|
| | | M1 | M2 | M3 | M4 | M5 | M6 |
|  | SK 92072.1 | 0,26 | 0,49 | 0,42 | 0,54 | 0,29 | 0,31 |
| | SK 92172.1 | 0,34 | 0,61 | 0,52 | 0,67 | 0,42 | 0,48 |
| | SK 92372.1 | 0,43 | 0,92 | 0,73 | 0,83 | 0,55 | 0,61 |
| | SK 92672.1 | 0,85 | 1,60 | 1,20 | 1,50 | 1,02 | 1,02 |
| | SK 92772.1 | 1,30 | 2,65 | 1,86 | 2,70 | 1,60 | 1,60 |
|  | SK 93072.1 | 0,39 | 0,93 | 0,79 | 1,02 | 0,49 | 0,62 |
| | SK 93172.1 | 0,60 | 1,17 | 0,94 | 1,22 | 0,65 | 0,85 |
| | SK 93372.1 | 1,00 | 1,97 | 1,65 | 2,14 | 1,12 | 1,34 |
| | SK 93672.1 | 1,80 | 3,23 | 2,71 | 3,80 | 2,02 | 2,45 |
| | SK 93772.1 | 2,72 | 4,63 | 3,70 | 5,80 | 2,93 | 3,25 |
| | SK 9012.1 | 0,70 | 1,70 | 1,90 | 2,10 | 1,10 | 1,50 |
| | SK 9016.1 | 0,70 | 1,70 | 1,90 | 2,10 | 1,10 | 1,50 |
| | SK 9022.1 | 1,30 | 2,90 | 3,30 | 3,80 | 1,70 | 2,80 |
|  | SK 9032.1 | 1,80 | 5,40 | 6,10 | 6,80 | 3,00 | 4,60 |
| | SK 9042.1 | 4,40 | 9,00 | 10,00 | 10,70 | 5,20 | 7,70 |
| | SK 9052.1 | 6,50 | 16,00 | 19,00 | 21,50 | 11,00 | 15,50 |
| | SK 9072.1 | 10,00 | 27,50 | 32,00 | 36,00 | 18,00 | 24,00 |
| | SK 9082.1 | 17,00 | 51,50 | 62,50 | 71,50 | 33,00 | 46,50 |
| | SK 9086.1 | 29,00 | 73,00 | 85,00 | 102,00 | 48,00 | 62,00 |
| | SK 9092.1 | 41,00 | 157,00 | 170,00 | 172,00 | 80,00 | 90,00 |
| | SK 9096.1* | 70,00 | 187,00 | 194,00 | 254,00 | 109,00 | 152,00 |
|  | SK 9013.1 | 1,35 | 2,10 | 2,15 | 2,75 | 1,00 | 1,80 |
| | SK 9017.1 | 1,30 | 2,00 | 2,10 | 2,70 | 1,00 | 1,70 |
| | SK 9023.1 | 2,20 | 3,20 | 3,60 | 4,70 | 2,20 | 2,90 |
| | SK 9033.1 | 3,10 | 5,70 | 6,30 | 8,00 | 3,40 | 4,80 |
| | SK 9043.1 | 5,00 | 10,10 | 11,00 | 13,30 | 5,70 | 8,10 |
| | SK 9053.1 | 10,00 | 17,00 | 20,00 | 24,50 | 11,50 | 16,50 |

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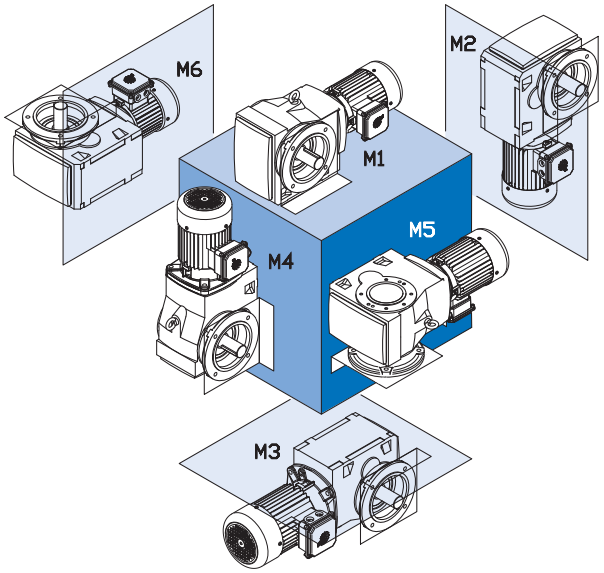
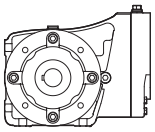
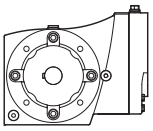
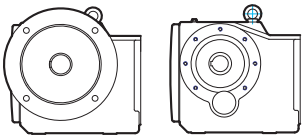
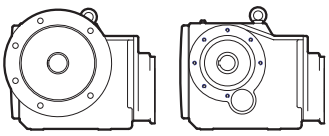



| [L] | | | | | | Type |
|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | |
| 0,26 | 0,49 | 0,42 | 0,54 | 0,29 | 0,31 | SK 92072.1 |
| 0,34 | 0,61 | 0,52 | 0,67 | 0,42 | 0,48 | SK 92172.1 |
| 0,43 | 0,92 | 0,73 | 0,83 | 0,55 | 0,61 | SK 92372.1 |
| 0,85 | 1,60 | 1,20 | 1,50 | 1,02 | 1,02 | SK 92672.1 |
| 1,30 | 2,65 | 1,86 | 2,70 | 1,60 | 1,60 | SK 92772.1 |
| 0,39 | 0,93 | 0,79 | 1,02 | 0,49 | 0,62 | SK 93072.1 |
| 0,60 | 1,17 | 0,94 | 1,22 | 0,65 | 0,85 | SK 93172.1 |
| 1,00 | 1,97 | 1,65 | 2,14 | 1,12 | 1,34 | SK 93372.1 |
| 1,80 | 3,23 | 2,71 | 3,80 | 2,02 | 2,45 | SK 93672.1 |
| 2,72 | 4,63 | 3,70 | 5,80 | 2,93 | 3,25 | SK 93772.1 |
| 1,00 | 1,90 | 1,90 | 2,20 | 1,20 | 1,70 | SK 9012.1 |
| 1,00 | 1,90 | 1,90 | 2,20 | 1,20 | 1,70 | SK 9016.1 |
| 1,60 | 3,50 | 3,50 | 4,20 | 2,30 | 2,80 | SK 9022.1 |
| 2,10 | 4,80 | 6,40 | 7,10 | 3,30 | 5,10 | SK 9032.1 |
| 4,50 | 10,00 | 10,00 | 11,50 | 6,50 | 8,20 | SK 9042.1 |
| 7,50 | 16,50 | 20,00 | 23,50 | 11,50 | 18,00 | SK 9052.1 |
| 12,00 | 27,50 | 33,00 | 38,50 | 19,00 | 26,00 | SK 9072.1 |
| 21,00 | 54,00 | 66,00 | 80,00 | 38,00 | 52,00 | SK 9082.1 |
| 36,00 | 78,00 | 91,00 | 107,00 | 53,00 | 76,00 | SK 9086.1 |
| 40,00 | 130,00 | 154,00 | 175,00 | 82,00 | 91,00 | SK 9092.1 |
| 80,00 | 187,00 | 193,00 | 257,00 | 113,00 | 156,00 | SK 9096.1* |
| 1,45 | 2,30 | 2,10 | 2,80 | 1,05 | 1,80 | SK 9013.1 |
| 1,45 | 2,30 | 2,10 | 2,80 | 1,05 | 1,80 | SK 9017.1 |
| 2,30 | 3,50 | 3,80 | 5,30 | 2,20 | 3,40 | SK 9023.1 |
| 3,70 | 5,70 | 6,70 | 8,60 | 3,60 | 5,30 | SK 9033.1 |
| 6,50 | 10,50 | 11,90 | 14,70 | 6,70 | 9,30 | SK 9043.1 |
| 13,00 | 18,00 | 21,50 | 26,50 | 13,00 | 17,00 | SK 9053.1 |









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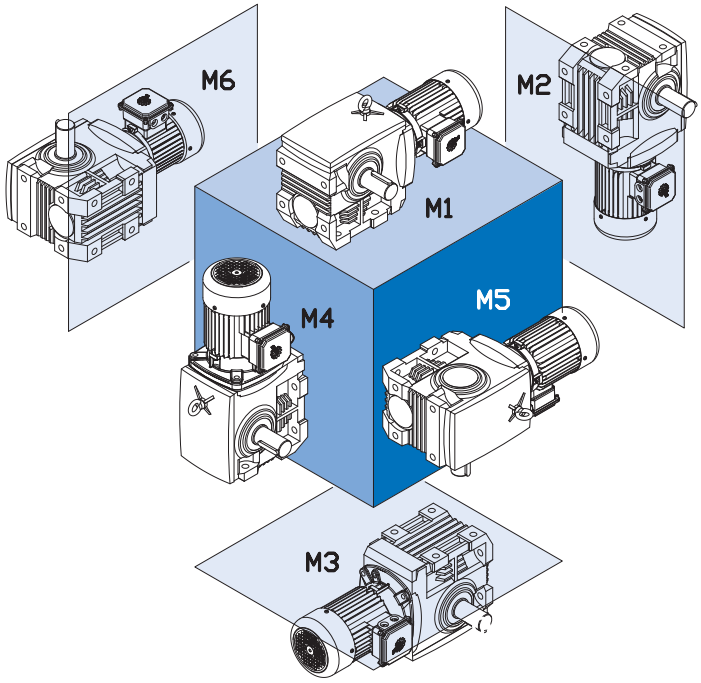
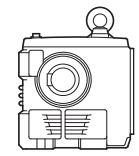
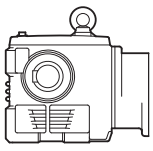
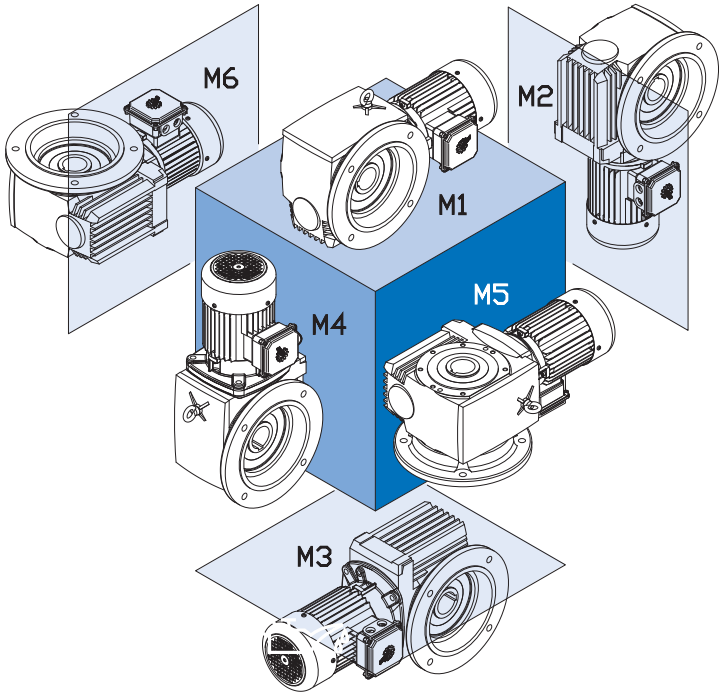
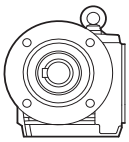
# Helical worm gear units

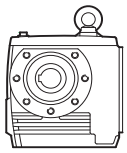


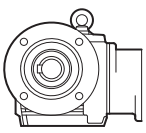

| Type | | [L] | | | | | |
|---|---|---|---|---|---|---|---|
| | | M1 | M2 | M3 | M4 | M5 | M6 |
|  | SK 02050 | 0,40 | 1,40 | 1,10 | 1,30 | 0,70 | 0,70 |
| | SK 12063 | 0,60 | 1,80 | 1,20 | 1,60 | 1,00 | 1,00 |
| | SK 12080 | 0,90 | 3,10 | 2,40 | 3,00 | 1,80 | 1,80 |
| | SK 32100 | 1,50 | 6,30 | 5,60 | 5,50 | 3,60 | 3,60 |
| | SK 42125 | 2,80 | 11,80 | 10,20 | 10,00 | 6,20 | 6,20 |
|  | SK 13050 | 0,75 | 1,75 | 1,30 | 1,75 | 0,75 | 0,75 |
| | SK 13063 | 1,00 | 2,30 | 1,50 | 2,20 | 1,10 | 1,10 |
| | SK 13080 | 1,70 | 3,50 | 3,50 | 3,50 | 2,00 | 2,00 |
| | SK 33100 | 2,40 | 6,40 | 5,40 | 6,50 | 3,40 | 3,40 |
| | SK 43125 | 4,25 | 13,00 | 10,50 | 13,50 | 7,20 | 7,20 |

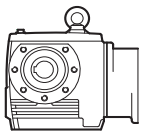



| [L] | | | | | | Type |
|---|---|---|---|---|---|---|
| M1 | M2 | M3 | M4 | M5 | M6 | |
| 0,40 | 1,50 | 1,25 | 1,20 | 0,90 | 0,75 | SK 02050F |
| 0,50 | 1,95 | 1,70 | 1,75 | 1,20 | 0,95 | SK 12063F |
| 0,90 | 3,70 | 3,20 | 3,40 | 2,50 | 2,30 | SK 12080F |
| 1,40 | 6,30 | 6,10 | 6,10 | 4,00 | 3,60 | SK 32100F |
| 3,00 | 11,50 | 11,50 | 11,00 | 8,40 | 7,30 | SK 42125F |
| 0,45 | 1,40 | 1,15 | 1,10 | 0,75 | 0,75 | SK 02050A |
| 0,55 | 1,45 | 1,60 | 1,60 | 1,10 | 1,10 | SK 12063A |
| 0,80 | 3,10 | 3,20 | 2,80 | 1,80 | 1,80 | SK 12080A |
| 1,50 | 5,60 | 5,60 | 5,30 | 4,00 | 4,00 | SK 32100A |
| 3,00 | 12,50 | 10,80 | 10,80 | 6,50 | 6,50 | SK 42125A |
| 0,75 | 1,80 | 1,50 | 1,70 | 1,05 | 0,90 | SK 13050F |
| 1,00 | 2,30 | 1,90 | 2,20 | 1,35 | 1,10 | SK 13063F |
| 1,60 | 3,80 | 3,50 | 3,90 | 2,70 | 2,50 | SK 13080F |
| 2,65 | 7,20 | 6,40 | 7,60 | 4,30 | 3,80 | SK 33100F |
| 4,70 | 15,00 | 13,00 | 16,00 | 9,00 | 7,70 | SK 43125F |
| 0,90 | 1,80 | 1,30 | 1,65 | 1,30 | 1,30 | SK 13050A |
| 1,05 | 2,10 | 1,80 | 2,10 | 1,40 | 1,40 | SK 13063A |
| 1,60 | 3,60 | 2,90 | 3,75 | 2,00 | 2,00 | SK 13080A |
| 2,60 | 6,00 | 5,80 | 6,50 | 3,50 | 3,50 | SK 33100A |
| 4,60 | 13,60 | 11,40 | 14,30 | 7,60 | 7,60 | SK 43125A |

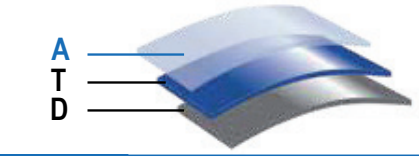
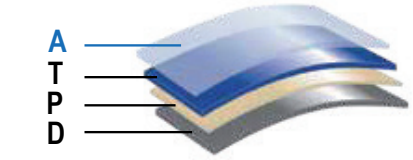
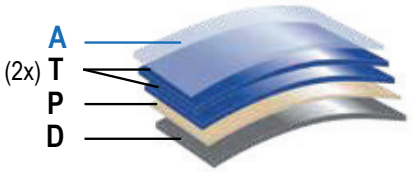
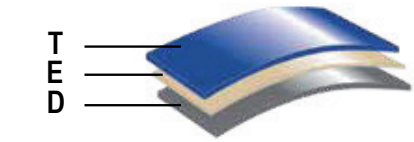
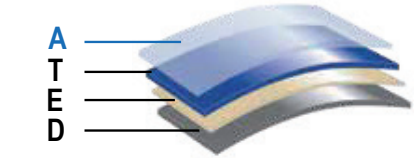
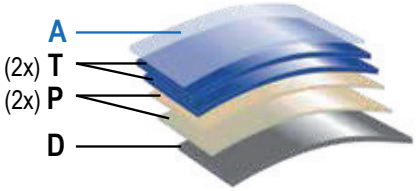
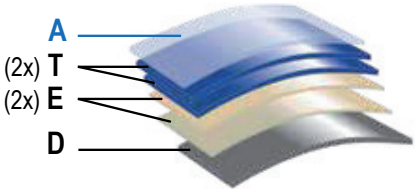








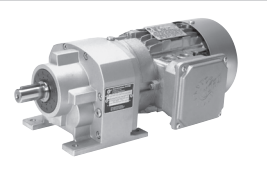
# Painting

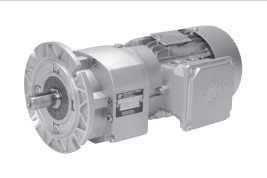
| Coating / Field of Application | Class** | Structure | Coating Thickness* |
|---|---|---|---|
| **Basic**<br>**Basic+**<br>Indoor installation.<br>*Previously F2* | C2 |  | 50 - 90 µm |
| **NORD Severe Duty 2**<br>**NORD Severe Duty 2+**<br>Indoor installation and protected outdoor installation (i.e. open, unheated halls).<br>*Previously F3.0* | C2 |  | 110 - 150 µm |
| **NORD Severe Duty 3**<br>**NORD Severe Duty 3+**<br>Outdoor installation, city, and industrial atmosphere with low contamination.<br>*Previously F3.1* | C3 |  | 160 - 200 µm |
| **NORD Severe Chem Duty 3**<br>Normal chemical contamination.<br>*Previously F3.4* | C3 |  | 100 - 140 µm |
| **NORD Severe Food Duty 3**<br>**NORD Severe Food Duty 3+**<br>Food packaging areas.<br>*Previously F3.5* | C3 |  | 100 - 140 µm |
| **NORD Severe Duty 4**<br>**NORD Severe Duty 4+**<br>Outdoor installation, city, and industrial atmosphere with moderate contamination.<br>*Previously F3.2* | C4 |  | 220 - 260 µm |
| **NORD Severe Duty 5**<br>**NORD Severe Duty 5+**<br>Outdoor installation, city, and industrial atmosphere with high contamination.<br>*Previously F3.3* | C5 |  | 200 - 240 µm |

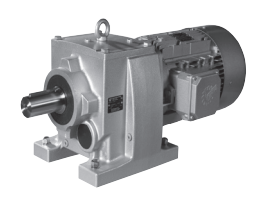
| | | | |
|---|---|---|---|
| **A** | Optional antimicrobial top coat (+ versions)<br>Coating Thickness + 25 µm | **T** | 2-Component Polyurethane Top Coat |
| | | **E** | 2-Component EP Zinc Phosphate Primer |
| **Z** | Levelling of contour recesses and gaps with polyurethane-based sealant possible for NSD2, NSD3 and NSD4<br>Included in NSD5 | **P** | 2-Component Polyurethane Primer |
| | | **D** | Single Component Dip Primer<br>(for cast-iron units only) |

***Comparable to DIN EN ISO 12944-2 classification of ambient conditions*

**Protocol of the coating thickness based on ISO 19840 available on request.*








**ENQUIRY FORM** . . . . . B - 2

**AVAILABLE VERSIONS** . . . . . B - 3

**GEAR UNIT MOTOR DATA**

Power and speed tables . . . . . B - 4

Power and speed ratio tables
W and IEC adapters . . . . . B - 30

**DIMENSIONED DRAWINGS**

Gear unit motors . . . . . B - 44

W and IEC adapters . . . . . B - 60

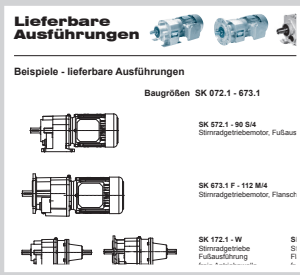
**OPTIONS**

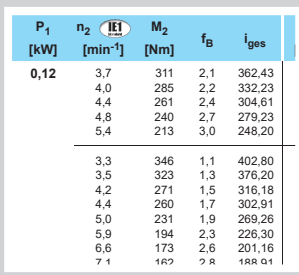
**Z** Flange mounted design with Flange B14 . . . B - 72

**XZ** Foot mounted design with Flange B14 . . . . . B - 73

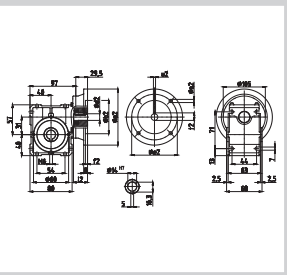
**XF** Foot mounted design with Flange B5 . . . . . B - 74

Further drive flanges . . . . . B - 75

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | IE1 | $M_2$ [Nm] | $f_B$ | $i_{ges}$ |
|---|---|---|---|---|---|
| 0,12 | 3,7 | | 311 | 2,1 | 362,43 |
| | 4,0 | | 285 | 2,2 | 332,23 |
| | 4,4 | | 261 | 2,4 | 304,61 |
| | 4,8 | | 240 | 2,7 | 279,23 |
| | 5,4 | | 213 | 3,0 | 248,20 |
| | 3,3 | | 346 | 1,1 | 402,80 |
| | 3,5 | | 323 | 1,3 | 376,20 |
| | 4,2 | | 271 | 1,5 | 316,18 |
| | 4,4 | | 260 | 1,7 | 302,91 |
| | 5,0 | | 231 | 1,9 | 269,26 |
| | 5,9 | | 194 | 2,3 | 226,30 |
| | 6,6 | | 173 | 2,6 | 201,16 |
| | 7,1 | | 162 | 2,8 | 188,91 |



# Enquiry form

DRIVESYSTEMS

This general enquiry form can be found in the attachment as well as on the **NORD** homepage under **www.nord.com** - Heading DOCUMENTATION / FORMS.

## General enquiry form

NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Tel.: +49(0) 4532/401-0
Fax: +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com

| | | | |
|---|---|---|---|
| Company | | | |
| Street | | | |
| Town | | Post-code | |
| Contact | | | |
| Tel.: | | Customer No. | |
| Fax: | | Application | |
| Email | | Project | |

**Components required**

| | | | |
|---|---|---|---|
| ◯ Gear unit motor | ◯ IEC – Gear unit motor | ◯ Gear unit with free shaft end | ◯ Stand-alone motor |

| | | | |
|---|---|---|---|
| Quantity | | Type | |

| **Parameters specific to the gear unit** | | | |
|---|---|---|---|
| Version | | Gear ratio | |
| Flange ◯ B14 ◯ B5 ø | | | [mm] |
| ◯ Hollow shaft ◯ Solid shaft ø | | x | [mm] |
| Output speed at mains frequency $n_2$ | | | [min$^{-1}$] |
| Output torque $M_2$ | | | [Nm] |
| Min. operating factor $f_b$ | | | |
| Min. bearing life Lh | | | [h] |
| Radial forces on output shaft $F_{R2}$ | | | [N] |
| Axial forces on output shaft $F_{A2}$ | | | [N] |
| Dist. from shaft collar to point of action of force | | | [mm] |

| **Parameters specific to gear unit** | | | | | | |
|---|---|---|---|---|---|---|
| Bearings | ◯ Normal | ◯ VL | ◯ VL2 | ◯ VL3 | ◯ AL | |
| For bevel gear or worm gear units | Shaft at | ◯ A | ◯ B | | | |
| Oil type | ◯ Mineral | ◯ Synthetic | ◯ Foodstuff-compatible oil | | | |
| | ◯ Special oil type | | | | | |

| **Parameters specific to motor** | | | |
|---|---|---|---|
| Effective motor power | | | [kW] |
| Motor speed $n_1$ | | | [min$^{-1}$] |
| Temperature sensor (PTC) ◯ | Bi-metal temperature monitor ◯ | | |
| Mains voltage | | [V] +/- | [%] |
| Mains frequency | | [Hz] | |



| | | | |
|---|---|---|---|
| ◯ Control cabinet inverter | ◯ Motor-mounted inverter | | |
| Adjustment range from | | [Hz] to | [Hz] |
| ☐ Constant torque within adjustment range | | | [Nm] |
| ☐ External fan | | | |
| ☐ Increase in motor size (with constant torque) | | | |
| ☐ Positioning | ◯ Incremental | ◯ Absolute | |
| ☐ Speed feedback | | | |
| ☐ Generator operation for power feedback | | | [kW] |
| ☐ Bus system- type of bus system | | | |
| ☐ Control via | ◯ PC | ◯ Control box | |

| **Outline conditions** | | | |
|---|---|---|---|
| Ambient temperatures | | from | [°C] |
| ☐ Buffer mounting for travelling drives | | | [Nm] |
| ☐ Relative humidity | | | [%] |
| ☐ Exposure to direct sunlight | | | |
| ☐ Aggressive media (e.g.: salty air) | | | |
| ☐ Increased installation altitude | | | [m] |
| ☐ Precipitation | | | |
| ☐ ATEX (explosive mixtures in the vicinity) | | Zone | |

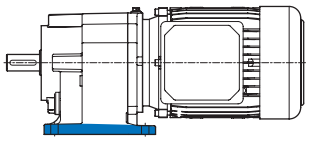
| **Painting** | | | |
|---|---|---|---|
| ◯ Not painted | | | |
| ◯ Paint 1.0 - Primer | | | |
| ◯ Paint 2.0 - standard | | | |
| ◯ Paint 3.0 - normal environmental contamination | | | |
| ◯ Paint 3.1 - moderate environmental contamination | | | |
| ◯ Paint 3.2 - severe environmental contamination | | | |
| ◯ Other painting (e.g.: Z, 3.4 or 3.5) | | | |
| ☐ Special colour (Standard RAL7031) | RAL | | |
| ☐ Regulations DIN EN, etc., please state | | | |

| **General conditions** | | | |
|---|---|---|---|
| Quote by | | | |
| Purchasing conditions | known ◯ | not known ◯ | |
| Purchasing conditions attached | ☐ | | |
| Delivery time after receipt of order | | | |
| Delivery carriage paid | ☐ | | |

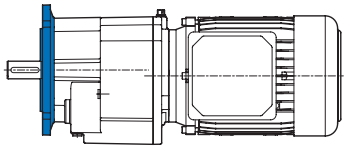
| | |
|---|---|
| Comments | |

## Examples - Available Designs

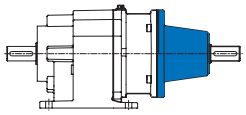
### Sizes SK 072.1 - 673.1



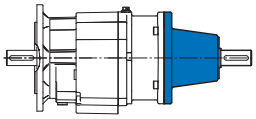
**SK 572.1 - 90 SP/4**
Helical gear unit motor,
Housing in foot mounted design, two-stage



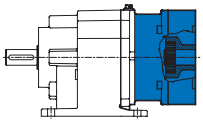
**SK 673.1 F - 112 MP/4**
Helical gear unit motor,
Housing in flange mounted design, three-stage



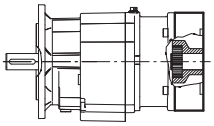
**SK 172.1 - W**
Helical gear unit
Housing in foot mounted design
free input shaft



**SK 172.1 F - W**
Helical gear unit
Housing in flange mounted design
free input shaft

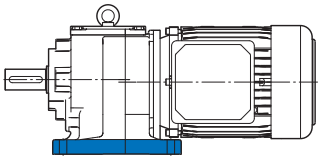


**SK 072.1 - IEC 63 - C90**
Helical gear unit,
Housing in foot mounted design,
IEC-Adapter

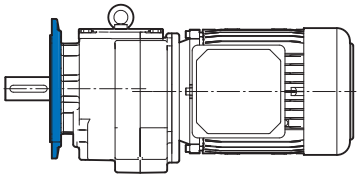


**SK 072.1 F - IEC 63 - C90**
Helical gear unit,
Housing in flange mounted design,
IEC-Adapter

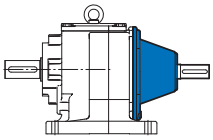
### Sizes SK 772.1 - 973.1



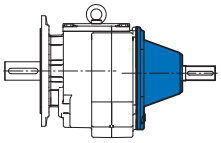
**SK 772.1 - 100 LP/4**
Helical gear unit motor,
Housing in foot mounted design, two-stage



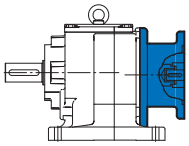
**SK 873.1 F - 112 MP/4**
Helical gear unit motor,
Housing in flange mounted design, three-stage



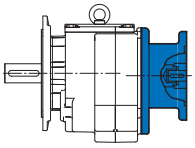
**SK 972.1 - W**
Helical gear unit,
Housing in foot mounted design,
free input shaft



**SK 972.1 F - W**
Helical gear unit,
Housing in flange mounted design,
free input shaft

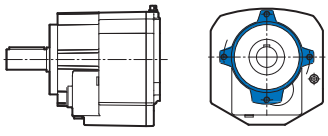


**SK 973.1 - IEC**
Helical gear unit,
Housing in foot mounted design,
IEC-Adapte

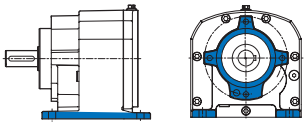


**SK 973.1 F - IEC**
Helical gear unit,
Housing in flange mounted design,
IEC-Adapter

## Housing - Options

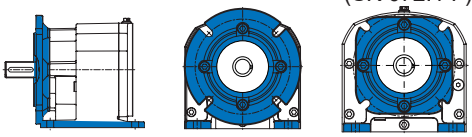


Housing in flange mounted design with Flange B14
Type supplement **Z**

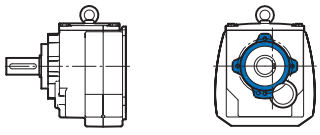


Housing in foot mounted design with Flange B14
Type supplement **XZ**

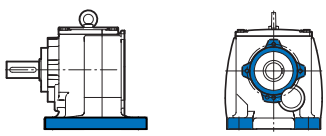
(SK 072.1 F)



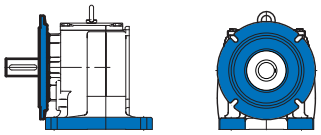
Housing in foot mounted design with Flange B5
Type supplement **XF**



Housing in flange mounted design with Flange B14,
Type supplement **Z**

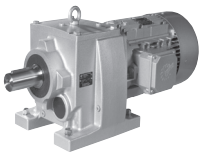


Housing in foot mounted design with Flange B14
Type supplement **XZ**



Housing in foot mounted design with Flange B5,
Type supplement **XF**

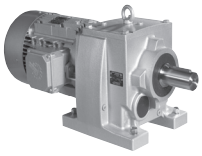
# 0,12 kW



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 3,7 | 311 | 2,1 | 362,43 | 11,0 | 20,0 | 15,0 | 20,0 | **SK 673.1 - 63 S/4** | 25 | B53 |
| | 4,0 | 285 | 2,2 | 332,23 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 4,4 | 261 | 2,4 | 304,61 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 4,8 | 240 | 2,7 | 279,23 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 5,4 | 213 | 3,0 | 248,20 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 3,3 | 346 | 1,1 | 402,80 | 9,8 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 63 S/4** | 19 | B49, B51 |
| | 3,5 | 323 | 1,3 | 376,20 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 4,2 | 271 | 1,5 | 316,18 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 4,4 | 260 | 1,7 | 302,91 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 5,0 | 231 | 1,9 | 269,26 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 5,9 | 194 | 2,3 | 226,30 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 6,6 | 173 | 2,6 | 201,16 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 7,1 | 162 | 2,8 | 188,91 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 8,4 | 136 | 3,3 | 158,78 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 9,5 | 121 | 3,7 | 141,13 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 11 | 108 | 4,2 | 125,45 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 12 | 92 | 4,7 | 107,42 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 3,9 | **238 | 0,8 | 343,92 | 4,9 | 10,2 | 7,6 | 10,2 | **SK 373.1 - 63 S/4** | 11 | B47 |
| | 4,4 | 260 | 0,8 | 303,08 | 4,3 | 10,2 | 7,5 | 10,2 | | | |
| | 5,0 | 231 | 1,0 | 269,67 | 4,9 | 10,2 | 7,7 | 10,2 | | | |
| | 5,2 | 220 | 0,9 | 256,50 | 5,1 | 10,2 | 7,8 | 10,2 | | | |
| | 5,8 | 196 | 1,1 | 228,22 | 5,3 | 10,2 | 7,9 | 10,2 | | | |
| | 6,4 | 179 | 1,1 | 207,98 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 6,8 | 168 | 1,2 | 196,07 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 7,2 | 159 | 1,3 | 185,05 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 8,0 | 142 | 1,5 | 165,94 | 5,7 | 10,2 | 8,0 | 10,2 | | | |
| | 9,2 | 124 | 1,7 | 145,00 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 10 | 112 | 1,8 | 130,87 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 11 | 103 | 1,9 | 120,54 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 13 | 88 | 2,3 | 102,01 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 15 | 79 | 2,7 | 91,48 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 16 | 71 | 3,0 | 82,57 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 18 | 62 | 2,4 | 72,38 | 6,1 | 10,2 | 8,0 | 10,2 | **SK 372.1 - 63 S/4** | 11 | B46 |
| | 21 | 55 | 2,9 | 64,06 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 22 | 52 | 2,9 | 60,83 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 25 | 46 | 3,5 | 53,84 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 16 | 70 | 1,2 | 81,45 | 2,8 | 3,9 | - | - | **SK 172.1 - 63 S/4** | 7,7 | B45 |
| | 19 | 60 | 1,2 | 70,00 | 2,8 | 3,9 | - | - | | | |
| | 21 | 54 | 1,2 | 62,36 | 2,8 | 3,9 | - | - | | | |
| | 25 | 46 | 1,8 | 54,03 | 2,8 | 3,9 | - | - | | | |
| | 29 | 40 | 2,1 | 46,43 | 2,8 | 3,9 | - | - | | | |
| | 32 | 36 | 2,4 | 41,36 | 2,8 | 3,9 | - | - | | | |
| | 34 | 33 | 2,6 | 38,75 | 2,8 | 3,9 | - | - | | | |
| | 39 | 30 | 2,9 | 34,52 | 2,8 | 3,9 | - | - | | | |
| | 21 | 55 | 0,9 | 63,56 | 2,5 | 2,9 | - | - | **SK 072.1 - 63 S/4** | 6,0 | B44 |
| | 24 | 47 | 1,1 | 55,00 | 2,5 | 2,9 | - | - | | | |
| | 27 | 42 | 1,1 | 49,00 | 2,5 | 2,9 | - | - | | | |
| | 32 | 36 | 1,4 | 42,10 | 2,5 | 2,9 | - | - | | | |
| | 37 | 31 | 1,7 | 36,43 | 2,5 | 2,9 | - | - | | | |
| | 41 | 28 | 2,0 | 32,45 | 2,5 | 2,9 | - | - | | | |
| | 48 | 24 | 2,3 | 27,78 | 2,5 | 2,9 | - | - | | | |
| | 54 | 21 | 2,6 | 24,75 | 2,5 | 2,9 | - | - | | | |
| | 60 | 19 | 2,9 | 22,22 | 2,5 | 2,9 | - | - | | | |
| | 62 | 18 | 3,0 | 21,38 | 2,5 | 2,9 | - | - | | | |
| | 70 | 16 | 3,3 | 19,20 | 2,5 | 2,9 | - | - | | | |
| | 77 | 15 | 3,7 | 17,35 | 2,5 | 2,9 | - | - | | | |
| | 85 | 14 | 4,1 | 15,77 | 2,5 | 2,9 | - | - | | | |
| | 93 | 12 | 4,1 | 14,40 | 2,5 | 2,9 | - | - | | | |
| | 101 | 11 | 4,1 | 13,20 | 2,5 | 2,9 | - | - | | | |
| | 116 | 10 | 5,0 | 11,56 | 2,5 | 2,9 | - | - | | | |
| | 134 | 9 | 6,4 | 10,00 | 2,5 | 2,9 | - | - | | | |
| | 150 | 8 | 7,2 | 8,91 | 2,5 | 2,9 | - | - | | | |
| | 167 | 7 | 8,0 | 8,00 | 2,5 | 2,9 | - | - | | | |
| | 185 | 6 | 8,9 | 7,23 | 2,5 | 2,9 | - | - | | | |

** Maximum output torque with $f_B$ = 0,8

* ⇨📖A8



IE1 Standard

# 0,12 kW
# 0,18 kW

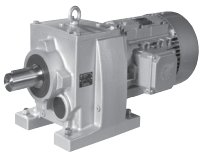


| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,12** | 203 | 6 | 9,4 | 6,57 | 2,4 | 2,9 | - | - | **SK 072.1 - 63 S/4** | 6,0 | B44 |
| | 224 | 5 | 10,7 | 5,96 | 2,3 | 2,9 | - | - | | | |
| | 243 | 5 | 11,7 | 5,50 | 2,3 | 2,9 | - | - | | | |
| | 251 | 5 | 12,1 | 5,31 | 2,3 | 2,9 | - | - | | | |
| | 280 | 4 | 12,9 | 4,77 | 2,2 | 2,9 | - | - | | | |
| | 310 | 4 | 13,5 | 4,31 | 2,1 | 2,9 | - | - | | | |
| | 341 | 3 | 13,4 | 3,92 | 2,0 | 2,9 | - | - | | | |
| | 373 | 3 | 15,6 | 3,58 | 2,0 | 2,9 | - | - | | | |
| | 407 | 3 | 16,7 | 3,28 | 1,9 | 2,9 | - | - | | | |
| | 452 | 3 | 18,1 | 2,95 | 1,9 | 2,9 | - | - | | | |
| | 469 | 2 | 18,4 | 2,85 | 1,8 | 2,9 | - | - | | | |
| | 520 | 2 | 18,6 | 2,57 | 1,8 | 2,9 | - | - | | | |
| | 573 | 2 | 19,5 | 2,33 | 1,7 | 2,9 | - | - | | | |
| | 637 | 2 | 20,0 | 2,10 | 1,7 | 2,9 | - | - | | | |
| **0,18** | 3,8 | 458 | 1,4 | 362,43 | 10,4 | 20,0 | 15,0 | 20,0 | **SK 673.1 - 63 L/4** | 25 | B53 |
| | 4,1 | 420 | 1,5 | 332,23 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 4,5 | 385 | 1,7 | 304,61 | 10,7 | 20,0 | 15,0 | 20,0 | | | |
| | 4,9 | 353 | 1,8 | 279,23 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 5,5 | 314 | 2,0 | 248,20 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 6,2 | 277 | 2,3 | 219,00 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 7,0 | 245 | 2,6 | 194,11 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 7,5 | 230 | 2,8 | 181,88 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 7,6 | 225 | 2,8 | 177,94 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 3,6 | 475 | 0,9 | 376,20 | 8,9 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 63 L/4** | 19 | B49, B51 |
| | 4,3 | 400 | 1,1 | 316,18 | 9,6 | 14,5 | 11,0 | 14,5 | | | |
| | 4,5 | 383 | 1,1 | 302,91 | 9,6 | 14,5 | 11,0 | 14,5 | | | |
| | 5,1 | 340 | 1,3 | 269,26 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 6,0 | 286 | 1,6 | 226,30 | 10,0 | 14,5 | 11,0 | 14,5 | | | |
| | 6,8 | 254 | 1,8 | 201,16 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 7,2 | 239 | 1,9 | 188,91 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 8,6 | 201 | 2,2 | 158,78 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 9,6 | 178 | 2,5 | 141,13 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 11 | 159 | 2,8 | 125,45 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 13 | 136 | 3,2 | 107,42 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 14 | 119 | 3,8 | 94,50 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 6,0 | 288 | 0,8 | 228,22 | 3,4 | 10,2 | 7,2 | 10,2 | **SK 373.1 - 63 L/4** | 12 | B47 |
| | 6,5 | 263 | 0,8 | 207,98 | 4,2 | 10,2 | 7,4 | 10,2 | | | |
| | 6,9 | 248 | 0,8 | 196,07 | 4,3 | 10,2 | 7,6 | 10,2 | | | |
| | 7,3 | 234 | 0,9 | 185,05 | 4,8 | 10,2 | 7,7 | 10,2 | | | |
| | 8,2 | 210 | 1,0 | 165,94 | 5,2 | 10,2 | 7,8 | 10,2 | | | |
| | 9,4 | 183 | 1,1 | 145,00 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 10 | 165 | 1,2 | 130,87 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 11 | 152 | 1,3 | 120,54 | 5,7 | 10,2 | 8,0 | 10,2 | | | |
| | 13 | 129 | 1,6 | 102,01 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 15 | 116 | 1,8 | 91,48 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 16 | 104 | 2,0 | 82,57 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 18 | 94 | 2,1 | 74,27 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 19 | 91 | 1,6 | 72,38 | 6,0 | 10,2 | 8,0 | 10,2 | **SK 372.1 - 63 L/4** | 11 | B46 |
| | 21 | 81 | 2,0 | 64,06 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 22 | 77 | 2,0 | 60,83 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 25 | 68 | 2,4 | 53,84 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 31 | 55 | 3,1 | 43,26 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 36 | 48 | 3,7 | 38,12 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 17 | 103 | 0,8 | 81,45 | 2,8 | 3,9 | - | - | **SK 172.1 - 63 L/4** | 8 | B45 |
| | 19 | 88 | 0,8 | 70,00 | 2,8 | 3,9 | - | - | | | |
| | 22 | 79 | 0,8 | 62,36 | 2,8 | 3,9 | - | - | | | |
| | 25 | 68 | 1,2 | 54,03 | 2,8 | 3,9 | - | - | | | |
| | 29 | 59 | 1,4 | 46,43 | 2,8 | 3,9 | - | - | | | |
| | 33 | 52 | 1,6 | 41,36 | 2,8 | 3,9 | - | - | | | |
| | 35 | 49 | 1,7 | 38,75 | 2,8 | 3,9 | - | - | | | |
| | 39 | 44 | 2,0 | 34,52 | 2,8 | 3,9 | - | - | | | |
| | 44 | 39 | 2,3 | 31,00 | 2,8 | 3,9 | - | - | | | |
| | 49 | 35 | 2,6 | 27,62 | 2,8 | 3,9 | - | - | | | |
| | 55 | 31 | 2,9 | 24,80 | 2,8 | 3,9 | - | - | | | |

* ⇨ A8

# 0,18 kW
# 0,25 kW

IE1 Standard

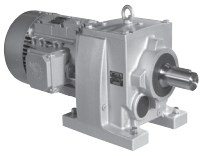


NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm ⊢⊣ 🕮 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,18 | 32 | 53 | 0,9 | 42,10 | 2,5 | 2,9 | - | - | SK 072.1 - 63 L/4 | 7 | B44 |
| | 37 | 46 | 1,2 | 36,43 | 2,5 | 2,9 | - | - | | | |
| | 42 | 41 | 1,3 | 32,45 | 2,5 | 2,9 | - | - | | | |
| | 49 | 35 | 1,5 | 27,78 | 2,5 | 2,9 | - | - | | | |
| | 55 | 31 | 1,8 | 24,75 | 2,5 | 2,9 | - | - | | | |
| | 61 | 28 | 2,0 | 22,22 | 2,5 | 2,9 | - | - | | | |
| | 64 | 27 | 2,0 | 21,38 | 2,5 | 2,9 | - | - | | | |
| | 71 | 24 | 2,3 | 19,20 | 2,5 | 2,9 | - | - | | | |
| | 78 | 22 | 2,5 | 17,35 | 2,5 | 2,9 | - | - | | | |
| | 86 | 20 | 2,8 | 15,77 | 2,5 | 2,9 | - | - | | | |
| | 94 | 18 | 2,8 | 14,40 | 2,5 | 2,9 | - | - | | | |
| | 103 | 17 | 2,8 | 13,20 | 2,5 | 2,9 | - | - | | | |
| | 118 | 15 | 3,4 | 11,56 | 2,5 | 2,9 | - | - | | | |
| | 136 | 13 | 4,4 | 10,00 | 2,5 | 2,9 | - | - | | | |
| | 153 | 11 | 4,9 | 8,91 | 2,5 | 2,9 | - | - | | | |
| | 170 | 10 | 5,4 | 8,00 | 2,5 | 2,9 | - | - | | | |
| | 188 | 9 | 6,0 | 7,23 | 2,4 | 2,9 | - | - | | | |
| | 207 | 8 | 6,4 | 6,57 | 2,4 | 2,9 | - | - | | | |
| | 228 | 8 | 7,3 | 5,96 | 2,3 | 2,9 | - | - | | | |
| | 247 | 7 | 7,9 | 5,50 | 2,2 | 2,9 | - | - | | | |
| | 256 | 7 | 8,2 | 5,31 | 2,2 | 2,9 | - | - | | | |
| | 285 | 6 | 8,8 | 4,77 | 2,1 | 2,9 | - | - | | | |
| | 315 | 5 | 9,2 | 4,31 | 2,1 | 2,9 | - | - | | | |
| | 347 | 5 | 9,1 | 3,92 | 2,0 | 2,9 | - | - | | | |
| | 380 | 5 | 10,6 | 3,58 | 2,0 | 2,9 | - | - | | | |
| | 415 | 4 | 11,3 | 3,28 | 1,9 | 2,9 | - | - | | | |
| | 460 | 4 | 12,3 | 2,95 | 1,8 | 2,9 | - | - | | | |
| | 477 | 4 | 12,5 | 2,85 | 1,8 | 2,9 | - | - | | | |
| | 530 | 3 | 12,6 | 2,57 | 1,8 | 2,9 | - | - | | | |
| | 584 | 3 | 13,3 | 2,33 | 1,7 | 2,9 | - | - | | | |
| | 649 | 3 | 13,6 | 2,10 | 1,6 | 2,9 | - | - | | | |
| 0,25 | 3,5 | 684 | 1,2 | 395,46 | 12,8 | 9,0 | 17,0 | 25,0 | SK 773.1 - 71 S/4 | 39 | B55 |
| | 4,0 | 590 | 1,4 | 341,21 | 13,4 | 9,0 | 17,0 | 25,0 | | | |
| | 4,1 | 579 | 1,5 | 334,70 | 13,5 | 9,0 | 17,0 | 25,0 | | | |
| | 4,5 | 532 | 1,6 | 307,42 | 13,6 | 9,0 | 17,0 | 25,0 | | | |
| | 4,8 | 500 | 1,7 | 288,78 | 13,8 | 9,0 | 17,0 | 25,0 | | | |
| | 5,2 | 459 | 1,9 | 265,24 | 13,9 | 9,0 | 17,0 | 25,0 | | | |
| | 5,3 | 450 | 1,9 | 260,18 | 13,9 | 9,0 | 17,0 | 25,0 | | | |
| | 5,7 | 421 | 2,0 | 243,53 | 14,0 | 9,0 | 17,0 | 25,0 | | | |
| | 6,1 | 388 | 2,2 | 224,49 | 14,1 | 9,0 | 17,0 | 25,0 | | | |
| | 6,7 | 357 | 2,4 | 206,11 | 14,2 | 9,0 | 17,0 | 25,0 | | | |
| | 7,3 | 327 | 2,6 | 189,31 | 14,2 | 9,0 | 17,0 | 25,0 | | | |
| | 3,8 | 627 | 1,0 | 362,43 | 9,1 | 20,0 | 14,5 | 20,0 | SK 673.1 - 71 S/4 | 26 | B53 |
| | 4,2 | 575 | 1,1 | 332,23 | 9,6 | 20,0 | 14,8 | 20,0 | | | |
| | 4,5 | 527 | 1,2 | 304,61 | 9,9 | 20,0 | 15,0 | 20,0 | | | |
| | 4,9 | 483 | 1,3 | 279,23 | 10,2 | 20,0 | 15,0 | 20,0 | | | |
| | 5,6 | 429 | 1,5 | 248,20 | 10,5 | 20,0 | 15,0 | 20,0 | | | |
| | 6,3 | 381 | 1,7 | 220,32 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 7,1 | 336 | 1,9 | 194,11 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 7,6 | 315 | 2,0 | 181,88 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 7,8 | 308 | 2,1 | 177,94 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 8,5 | 279 | 2,3 | 161,45 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 9,6 | 248 | 2,6 | 143,30 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 4,4 | 547 | 0,8 | 316,18 | 7,8 | 14,5 | 11,0 | 14,5 | SK 573.1* - 71 S/4 | 20 | B49, B51 |
| | 4,6 | 524 | 0,8 | 302,91 | 8,2 | 14,5 | 11,0 | 14,5 | | | |
| | 5,1 | 466 | 1,0 | 269,26 | 8,9 | 14,5 | 11,0 | 14,5 | | | |
| | 6,1 | 391 | 1,1 | 226,30 | 9,6 | 14,5 | 11,0 | 14,5 | | | |
| | 6,9 | 348 | 1,3 | 201,16 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 7,3 | 327 | 1,4 | 188,91 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 7,7 | 309 | 1,5 | 178,56 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 8,7 | 275 | 1,6 | 158,78 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 9,8 | 244 | 1,8 | 141,13 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 11 | 217 | 2,1 | 125,45 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 12 | 193 | 2,3 | 111,36 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 13 | 186 | 2,3 | 107,42 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 15 | 163 | 2,8 | 94,50 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 16 | 147 | 3,1 | 85,18 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 18 | 133 | 3,4 | 76,88 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 20 | 117 | 3,8 | 67,64 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 23 | 105 | 4,3 | 60,97 | 10,4 | 14,5 | 11,0 | 14,5 | | | |

* ⇨🕮A8



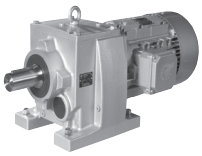
IE1 Standard

# 0,25 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,25** | 25 | 94 | 3,9 | 54,41 | 10,4 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 71 S/4** | 20 | B48, B50 |
| | 9,5 | 251 | 0,8 | 145,00 | 4,2 | 10,2 | 7,5 | 10,2 | **SK 373.1 - 71 S/4** | 13 | B47 |
| | 11 | 209 | 1,0 | 120,54 | 5,2 | 10,2 | 7,8 | 10,2 | | | |
| | 14 | 176 | 1,1 | 102,01 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 15 | 158 | 1,3 | 91,48 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 17 | 143 | 1,5 | 82,57 | 5,7 | 10,2 | 8,0 | 10,2 | | | |
| | 19 | 128 | 1,6 | 74,27 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 21 | 112 | 1,8 | 64,70 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 23 | 104 | 1,9 | 60,22 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 93 | 2,2 | 54,00 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 29 | 81 | 2,6 | 47,05 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 19 | 125 | 1,2 | 72,38 | 5,8 | 10,2 | 8,0 | 10,2 | **SK 372.1 - 71 S/4** | 12 | B46 |
| | 22 | 111 | 1,4 | 64,06 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 23 | 105 | 1,4 | 60,83 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 93 | 1,7 | 53,84 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 32 | 75 | 2,3 | 43,26 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 36 | 66 | 2,7 | 38,12 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 41 | 59 | 3,2 | 33,84 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 46 | 52 | 3,5 | 30,11 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 93 | 0,9 | 54,03 | 2,8 | 3,9 | - | - | **SK 172.1 - 71 S/4** | 10 | B45 |
| | 30 | 80 | 1,1 | 46,43 | 2,8 | 3,9 | - | - | | | |
| | 33 | 72 | 1,2 | 41,36 | 2,8 | 3,9 | - | - | | | |
| | 36 | 67 | 1,3 | 38,75 | 2,8 | 3,9 | - | - | | | |
| | 40 | 60 | 1,4 | 34,52 | 2,8 | 3,9 | - | - | | | |
| | 45 | 54 | 1,7 | 31,00 | 2,8 | 3,9 | - | - | | | |
| | 50 | 48 | 1,9 | 27,62 | 2,8 | 3,9 | - | - | | | |
| | 56 | 43 | 2,1 | 24,80 | 2,8 | 3,9 | - | - | | | |
| | 62 | 39 | 2,4 | 22,42 | 2,8 | 3,9 | - | - | | | |
| | 68 | 35 | 2,4 | 20,37 | 2,8 | 3,9 | - | - | | | |
| | 74 | 32 | 2,6 | 18,60 | 2,8 | 3,9 | - | - | | | |
| | 49 | 49 | 1,1 | 27,78 | 2,5 | 2,9 | - | - | **SK 072.1 - 71 S/4** | 7 | B44 |
| | 55 | 44 | 1,3 | 24,75 | 2,5 | 2,9 | - | - | | | |
| | 61 | 39 | 1,4 | 22,22 | 2,5 | 2,9 | - | - | | | |
| | 63 | 38 | 1,5 | 21,38 | 2,5 | 2,9 | - | - | | | |
| | 70 | 34 | 1,6 | 19,20 | 2,5 | 2,9 | - | - | | | |
| | 78 | 31 | 1,8 | 17,35 | 2,5 | 2,9 | - | - | | | |
| | 86 | 28 | 2,0 | 15,77 | 2,5 | 2,9 | - | - | | | |
| | 94 | 25 | 2,0 | 14,40 | 2,5 | 2,9 | - | - | | | |
| | 102 | 23 | 2,0 | 13,20 | 2,5 | 2,9 | - | - | | | |
| | 117 | 20 | 2,4 | 11,56 | 2,5 | 2,9 | - | - | | | |
| | 135 | 18 | 3,1 | 10,00 | 2,5 | 2,9 | - | - | | | |
| | 152 | 16 | 3,5 | 8,91 | 2,5 | 2,9 | - | - | | | |
| | 169 | 14 | 3,9 | 8,00 | 2,5 | 2,9 | - | - | | | |
| | 187 | 13 | 4,3 | 7,23 | 2,4 | 2,9 | - | - | | | |
| | 205 | 12 | 4,6 | 6,57 | 2,3 | 2,9 | - | - | | | |
| | 226 | 11 | 5,2 | 5,96 | 2,3 | 2,9 | - | - | | | |
| | 245 | 10 | 5,7 | 5,50 | 2,2 | 2,9 | - | - | | | |
| | 254 | 9 | 5,9 | 5,31 | 2,2 | 2,9 | - | - | | | |
| | 283 | 8 | 6,3 | 4,77 | 2,1 | 2,9 | - | - | | | |
| | 313 | 8 | 6,6 | 4,31 | 2,1 | 2,9 | - | - | | | |
| | 345 | 7 | 6,5 | 3,92 | 2,0 | 2,9 | - | - | | | |
| | 377 | 6 | 7,6 | 3,58 | 1,9 | 2,9 | - | - | | | |
| | 412 | 6 | 8,1 | 3,28 | 1,9 | 2,9 | - | - | | | |
| | 457 | 5 | 8,8 | 2,95 | 1,8 | 2,9 | - | - | | | |
| | 474 | 5 | 8,9 | 2,85 | 1,8 | 2,9 | - | - | | | |
| | 526 | 5 | 9,0 | 2,57 | 1,7 | 2,9 | - | - | | | |
| | 580 | 4 | 9,5 | 2,33 | 1,7 | 2,9 | - | - | | | |
| | 644 | 4 | 9,7 | 2,10 | 1,6 | 2,9 | - | - | | | |

# 0,37 kW

IE1 Standard

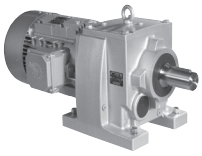


NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 3,5 | 1013 | 0,8 | 395,46 | 9,5 | 9,0 | 15,8 | 25,0 | **SK 773.1 - 71 L/4** | 40 | B55 |
| | 4,0 | 874 | 1,0 | 341,21 | 11,0 | 9,0 | 16,6 | 25,0 | | | |
| | 4,1 | 857 | 1,0 | 334,70 | 11,1 | 9,0 | 16,7 | 25,0 | | | |
| | 4,5 | 787 | 1,1 | 307,42 | 11,9 | 9,0 | 17,0 | 25,0 | | | |
| | 4,8 | 739 | 1,1 | 288,78 | 12,3 | 9,0 | 17,0 | 25,0 | | | |
| | 5,2 | 679 | 1,3 | 265,24 | 12,9 | 9,0 | 17,0 | 25,0 | | | |
| | 5,3 | 666 | 1,3 | 260,18 | 12,9 | 9,0 | 17,0 | 25,0 | | | |
| | 5,7 | 624 | 1,4 | 243,53 | 13,3 | 9,0 | 17,0 | 25,0 | | | |
| | 6,1 | 575 | 1,5 | 224,49 | 13,5 | 9,0 | 17,0 | 25,0 | | | |
| | 6,7 | 528 | 1,6 | 206,11 | 13,7 | 9,0 | 17,0 | 25,0 | | | |
| | 7,3 | 485 | 1,8 | 189,31 | 13,8 | 9,0 | 17,0 | 25,0 | | | |
| | 7,7 | 457 | 1,9 | 178,53 | 13,9 | 9,0 | 17,0 | 25,0 | | | |
| | 8,6 | 410 | 2,1 | 160,22 | 14,0 | 9,0 | 17,0 | 25,0 | | | |
| | 9,1 | 387 | 1,8 | 151,10 | 14,1 | 9,0 | 17,0 | 25,0 | | | |
| | 9,9 | 355 | 2,4 | 138,78 | 14,2 | 9,0 | 17,0 | 25,0 | | | |
| | 4,2 | 851 | 0,8 | 332,23 | 6,4 | 20,0 | 13,0 | 20,0 | **SK 673.1 - 71 L/4** | 27 | B53 |
| | 4,5 | 780 | 0,8 | 304,61 | 7,5 | 20,0 | 13,5 | 20,0 | | | |
| | 4,9 | 715 | 0,9 | 279,23 | 8,3 | 20,0 | 14,0 | 20,0 | | | |
| | 5,6 | 635 | 1,0 | 248,20 | 9,1 | 20,0 | 14,5 | 20,0 | | | |
| | 6,3 | 564 | 1,1 | 220,32 | 9,7 | 20,0 | 14,8 | 20,0 | | | |
| | 7,1 | 497 | 1,3 | 194,11 | 10,1 | 20,0 | 15,0 | 20,0 | | | |
| | 7,6 | 466 | 1,4 | 181,88 | 10,3 | 20,0 | 15,0 | 20,0 | | | |
| | 7,8 | 456 | 1,4 | 177,94 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 8,5 | 413 | 1,5 | 161,45 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 9,6 | 367 | 1,7 | 143,30 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 11 | 334 | 1,9 | 130,55 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 12 | 297 | 2,2 | 115,89 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 13 | 265 | 2,4 | 103,48 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 15 | 243 | 2,6 | 94,86 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 6,1 | 579 | 0,8 | 226,30 | 7,2 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 71 L/4** | 21 | B48, B51 |
| | 6,9 | 515 | 0,9 | 201,16 | 8,2 | 14,5 | 11,0 | 14,5 | | | |
| | 7,3 | 484 | 0,9 | 188,91 | 8,8 | 14,5 | 11,0 | 14,5 | | | |
| | 7,7 | 457 | 1,0 | 178,56 | 9,1 | 14,5 | 11,0 | 14,5 | | | |
| | 8,7 | 407 | 1,1 | 158,78 | 9,5 | 14,5 | 11,0 | 14,5 | | | |
| | 9,8 | 361 | 1,2 | 141,13 | 9,7 | 14,5 | 11,0 | 14,5 | | | |
| | 11 | 321 | 1,4 | 125,45 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 12 | 285 | 1,6 | 111,36 | 10,0 | 14,5 | 11,0 | 14,5 | | | |
| | 13 | 275 | 1,6 | 107,42 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 15 | 242 | 1,9 | 94,50 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 16 | 218 | 2,1 | 85,18 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 18 | 197 | 2,3 | 76,88 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 20 | 173 | 2,6 | 67,64 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 23 | 156 | 2,9 | 60,97 | 10,4 | 14,5 | 11,0 | 14,5 | | | |
| | 25 | 139 | 2,7 | 54,41 | 10,4 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 71 L/4** | 21 | B48, B50 |
| | 30 | 117 | 2,7 | 45,77 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 14 | 261 | 0,8 | 102,01 | 4,1 | 10,2 | 7,4 | 10,2 | **SK 373.1 - 71 L/4** | 14 | B47 |
| | 15 | 234 | 0,9 | 91,48 | 4,7 | 10,2 | 7,7 | 10,2 | | | |
| | 17 | 211 | 1,0 | 82,57 | 5,2 | 10,2 | 7,8 | 10,2 | | | |
| | 19 | 190 | 1,1 | 74,27 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 21 | 166 | 1,2 | 64,70 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 23 | 154 | 1,3 | 60,22 | 5,7 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 138 | 1,5 | 54,00 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 29 | 120 | 1,7 | 47,05 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 32 | 109 | 1,8 | 42,46 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 37 | 95 | 2,1 | 37,23 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 19 | 185 | 0,8 | 72,38 | 5,4 | 10,2 | 8,0 | 10,2 | **SK 372.1 - 71 L/4** | 13 | B46 |
| | 22 | 164 | 1,0 | 64,06 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 23 | 156 | 1,0 | 60,83 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 138 | 1,2 | 53,84 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 32 | 111 | 1,5 | 43,26 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 36 | 98 | 1,8 | 38,12 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 41 | 87 | 2,2 | 33,84 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 46 | 77 | 2,3 | 30,11 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 36 | 99 | 0,9 | 38,75 | 2,8 | 3,9 | - | - | **SK 172.1 - 71 L/4** | 10 | B45 |
| | 40 | 88 | 1,0 | 34,52 | 2,8 | 3,9 | - | - | | | |
| | 45 | 79 | 1,2 | 31,00 | 2,8 | 3,9 | - | - | | | |
| | 50 | 71 | 1,3 | 27,62 | 2,8 | 3,9 | - | - | | | |
| | 56 | 63 | 1,4 | 24,80 | 2,8 | 3,9 | - | - | | | |

* ⇨🕮A8



IE1 Standard

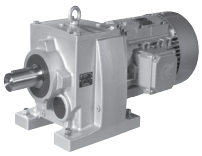
# 0,37 kW
# 0,55 kW



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,37** | 62 | 57 | 1,6 | 22,42 | 2,8 | 3,9 | - | - | **SK 172.1 - 71 L/4** | 10 | B45 |
| | 68 | 52 | 1,6 | 20,37 | 2,8 | 3,9 | - | - | | | |
| | 74 | 48 | 1,8 | 18,60 | 2,8 | 3,9 | - | - | | | |
| | 88 | 40 | 2,1 | 15,76 | 2,8 | 3,9 | - | - | | | |
| | 102 | 35 | 2,5 | 13,54 | 2,8 | 3,9 | - | - | | | |
| | 114 | 31 | 2,8 | 12,06 | 2,8 | 3,9 | - | - | | | |
| | 121 | 29 | 2,9 | 11,39 | 2,8 | 3,9 | - | - | | | |
| | 127 | 28 | 3,1 | 10,83 | 2,8 | 3,9 | - | - | | | |
| | 50 | 71 | 0,8 | 27,78 | 2,5 | 2,9 | - | - | **SK 072.1 - 71 L/4** | 9 | B44 |
| | 56 | 63 | 0,9 | 24,75 | 2,5 | 2,9 | - | - | | | |
| | 62 | 57 | 1,0 | 22,22 | 2,5 | 2,9 | - | - | | | |
| | 65 | 55 | 1,0 | 21,38 | 2,5 | 2,9 | - | - | | | |
| | 72 | 49 | 1,1 | 19,20 | 2,5 | 2,9 | - | - | | | |
| | 80 | 44 | 1,2 | 17,35 | 2,5 | 2,9 | - | - | | | |
| | 88 | 40 | 1,4 | 15,77 | 2,5 | 2,9 | - | - | | | |
| | 96 | 37 | 1,4 | 14,40 | 2,5 | 2,9 | - | - | | | |
| | 105 | 34 | 1,4 | 13,20 | 2,5 | 2,9 | - | - | | | |
| | 119 | 30 | 1,7 | 11,56 | 2,5 | 2,9 | - | - | | | |
| | 138 | 26 | 2,1 | 10,00 | 2,5 | 2,9 | - | - | | | |
| | 155 | 23 | 2,4 | 8,91 | 2,4 | 2,9 | - | - | | | |
| | 172 | 20 | 2,7 | 8,00 | 2,4 | 2,9 | - | - | | | |
| | 191 | 19 | 3,0 | 7,23 | 2,3 | 2,9 | - | - | | | |
| | 210 | 17 | 3,2 | 6,57 | 2,2 | 2,9 | - | - | | | |
| | 231 | 15 | 3,6 | 5,96 | 2,2 | 2,9 | - | - | | | |
| | 251 | 14 | 3,9 | 5,50 | 2,1 | 2,9 | - | - | | | |
| | 260 | 14 | 4,0 | 5,31 | 2,1 | 2,9 | - | - | | | |
| | 289 | 12 | 4,3 | 4,77 | 2,0 | 2,9 | - | - | | | |
| | 320 | 11 | 4,5 | 4,31 | 2,0 | 2,9 | - | - | | | |
| | 352 | 10 | 4,5 | 3,92 | 1,9 | 2,9 | - | - | | | |
| | 386 | 9 | 5,2 | 3,58 | 1,9 | 2,9 | - | - | | | |
| | 421 | 8 | 5,6 | 3,28 | 1,8 | 2,9 | - | - | | | |
| | 467 | 8 | 6,1 | 2,95 | 1,8 | 2,9 | - | - | | | |
| | 485 | 7 | 6,2 | 2,85 | 1,8 | 2,9 | - | - | | | |
| | 538 | 7 | 6,2 | 2,57 | 1,7 | 2,9 | - | - | | | |
| | 593 | 6 | 6,5 | 2,33 | 1,6 | 2,9 | - | - | | | |
| | 658 | 5 | 6,7 | 2,10 | 1,6 | 2,8 | - | - | | | |
| **0,55** | 78 | 67 | 0,8 | 17,35 | 2,5 | 2,9 | - | - | **SK 072.1 - 71 LA/4** | 9 | B44 |
| | 86 | 61 | 0,9 | 15,77 | 2,5 | 2,9 | - | - | | | |
| | 94 | 56 | 0,9 | 14,40 | 2,4 | 2,9 | - | - | | | |
| | 103 | 51 | 0,9 | 13,20 | 2,4 | 2,9 | - | - | | | |
| | 118 | 45 | 1,1 | 11,56 | 2,4 | 2,9 | - | - | | | |
| | 136 | 39 | 1,4 | 10,00 | 2,4 | 2,9 | - | - | | | |
| | 153 | 34 | 1,6 | 8,91 | 2,3 | 2,9 | - | - | | | |
| | 170 | 31 | 1,8 | 8,00 | 2,2 | 2,9 | - | - | | | |
| | 188 | 28 | 2,0 | 7,23 | 2,2 | 2,9 | - | - | | | |
| | 207 | 25 | 2,1 | 6,57 | 2,1 | 2,9 | - | - | | | |
| | 228 | 23 | 2,4 | 5,96 | 2,1 | 2,9 | - | - | | | |
| | 247 | 21 | 2,6 | 5,50 | 2,0 | 2,9 | - | - | | | |
| | 256 | 21 | 2,7 | 5,31 | 2,0 | 2,9 | - | - | | | |
| | 285 | 18 | 2,9 | 4,77 | 2,0 | 2,9 | - | - | | | |
| | 315 | 17 | 3,0 | 4,31 | 1,9 | 2,9 | - | - | | | |
| | 347 | 15 | 3,0 | 3,92 | 1,9 | 2,9 | - | - | | | |
| | 380 | 14 | 3,5 | 3,58 | 1,8 | 2,9 | - | - | | | |
| | 415 | 13 | 3,7 | 3,28 | 1,8 | 2,9 | - | - | | | |
| | 460 | 11 | 4,0 | 2,95 | 1,7 | 2,9 | - | - | | | |
| | 477 | 11 | 4,1 | 2,85 | 1,7 | 2,9 | - | - | | | |
| | 530 | 10 | 4,1 | 2,57 | 1,7 | 2,9 | - | - | | | |
| | 584 | 9 | 4,3 | 2,33 | 1,6 | 2,8 | - | - | | | |
| | 649 | 8 | 4,4 | 2,10 | 1,6 | 2,7 | - | - | | | |

# 0,55 kW

IE2

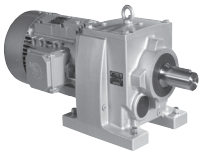


NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm ⊢⊣ 🕮 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,55** | 4,9 | 1068 | 0,8 | 288,78 | 8,7 | 9,0 | 15,4 | 25,0 | **SK 773.1 - 80 SH/4** | 42 | B55 |
| | 5,4 | 981 | 0,9 | 265,24 | 9,8 | 9,0 | 16,0 | 25,0 | | | |
| | 5,5 | 962 | 0,9 | 260,18 | 9,9 | 9,0 | 16,1 | 25,0 | | | |
| | 5,8 | 901 | 0,9 | 243,53 | 10,7 | 9,0 | 16,5 | 25,0 | | | |
| | 6,3 | 830 | 1,0 | 224,49 | 11,3 | 9,0 | 16,8 | 25,0 | | | |
| | 6,9 | 762 | 1,1 | 206,11 | 12,0 | 9,0 | 17,0 | 25,0 | | | |
| | 7,5 | 700 | 1,2 | 189,31 | 12,7 | 9,0 | 17,0 | 25,0 | | | |
| | 8,0 | 660 | 1,3 | 178,53 | 13,1 | 9,0 | 17,0 | 25,0 | | | |
| | 8,9 | 593 | 1,5 | 160,22 | 13,4 | 9,0 | 17,0 | 25,0 | | | |
| | 9,4 | 559 | 1,3 | 151,10 | 13,6 | 9,0 | 17,0 | 25,0 | | | |
| | 10 | 513 | 1,7 | 138,78 | 13,7 | 9,0 | 17,0 | 25,0 | | | |
| | 12 | 434 | 2,0 | 117,46 | 14,0 | 9,0 | 17,0 | 25,0 | | | |
| | 13 | 414 | 2,1 | 111,92 | 14,0 | 9,0 | 17,0 | 25,0 | | | |
| | 15 | 346 | 2,5 | 93,61 | 13,8 | 9,0 | 17,0 | 25,0 | | | |
| | 6,4 | 815 | 0,8 | 220,32 | 7,0 | 20,0 | 13,2 | 20,0 | **SK 673.1 - 80 SH/4** | 30 | B53 |
| | 6,5 | 810 | 0,8 | 219,00 | 7,0 | 20,0 | 13,3 | 20,0 | | | |
| | 7,3 | 718 | 0,9 | 194,11 | 8,2 | 20,0 | 14,0 | 20,0 | | | |
| | 7,8 | 673 | 1,0 | 181,88 | 8,7 | 20,0 | 14,2 | 20,0 | | | |
| | 8,0 | 658 | 1,0 | 177,94 | 8,9 | 20,0 | 14,3 | 20,0 | | | |
| | 8,8 | 597 | 1,1 | 161,45 | 9,4 | 20,0 | 14,7 | 20,0 | | | |
| | 9,7 | 543 | 1,2 | 146,88 | 9,8 | 20,0 | 14,9 | 20,0 | | | |
| | 9,9 | 530 | 1,2 | 143,30 | 9,9 | 20,0 | 15,0 | 20,0 | | | |
| | 11 | 498 | 1,3 | 134,64 | 10,1 | 20,0 | 15,0 | 20,0 | | | |
| | 12 | 429 | 1,5 | 115,89 | 10,5 | 20,0 | 15,0 | 20,0 | | | |
| | 14 | 383 | 1,7 | 103,48 | 10,7 | 20,0 | 15,0 | 20,0 | | | |
| | 15 | 351 | 1,8 | 94,86 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 17 | 310 | 2,1 | 83,70 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 19 | 272 | 2,3 | 73,64 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 22 | 244 | 2,6 | 65,95 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 8,9 | 587 | 0,8 | 158,78 | 7,2 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 80 SH/4** | 24 | B49, B51 |
| | 10 | 522 | 0,9 | 141,13 | 8,1 | 14,5 | 11,0 | 14,5 | | | |
| | 11 | 464 | 1,0 | 125,45 | 9,0 | 14,5 | 11,0 | 14,5 | | | |
| | 13 | 412 | 1,1 | 111,36 | 9,5 | 14,5 | 11,0 | 14,5 | | | |
| | 15 | 350 | 1,3 | 94,50 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 17 | 315 | 1,4 | 85,18 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 18 | 284 | 1,6 | 76,88 | 10,0 | 14,5 | 11,0 | 14,5 | | | |
| | 21 | 250 | 1,8 | 67,64 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 23 | 225 | 2,0 | 60,97 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 25 | 206 | 2,2 | 55,80 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 29 | 183 | 2,5 | 49,60 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 30 | 177 | 2,5 | 47,95 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 33 | 161 | 2,8 | 43,40 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 26 | 201 | 1,8 | 54,41 | 10,3 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 80 SH/4** | 24 | B48, B50 |
| | 31 | 169 | 1,9 | 45,77 | 10,3 | 15,0 | 11,0 | 15,0 | | | |
| | 34 | 157 | 2,4 | 42,38 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 40 | 132 | 2,8 | 35,65 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 49 | 107 | 3,6 | 28,91 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 53 | 100 | 4,0 | 27,00 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 22 | 239 | 0,8 | 64,70 | 4,7 | 10,2 | 7,6 | 10,2 | **SK 373.1 - 80 SH/4** | 16 | B47 |
| | 24 | 223 | 0,9 | 60,22 | 5,1 | 10,2 | 7,7 | 10,2 | | | |
| | 26 | 200 | 1,1 | 54,00 | 5,3 | 10,2 | 7,9 | 10,2 | | | |
| | 30 | 174 | 1,2 | 47,05 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 33 | 157 | 1,3 | 42,46 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 38 | 138 | 1,5 | 37,23 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 43 | 123 | 1,6 | 33,20 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 48 | 110 | 1,9 | 29,77 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 26 | 199 | 0,8 | 53,84 | 5,3 | 10,2 | 7,9 | 10,2 | **SK 372.1 - 80 SH/4** | 16 | B46 |
| | 33 | 160 | 1,1 | 43,26 | 5,6 | 10,2 | 8,0 | 10,2 | | | |
| | 37 | 141 | 1,3 | 38,12 | 5,7 | 10,2 | 8,0 | 10,2 | | | |
| | 42 | 125 | 1,5 | 33,84 | 5,8 | 10,2 | 8,0 | 10,2 | | | |
| | 47 | 111 | 1,6 | 30,11 | 5,9 | 10,2 | 8,0 | 10,2 | | | |
| | 55 | 96 | 2,0 | 25,85 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 62 | 85 | 2,4 | 23,00 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 69 | 76 | 2,5 | 20,62 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 77 | 68 | 2,9 | 18,40 | 6,1 | 10,2 | 8,0 | 10,2 | | | |
| | 86 | 61 | 3,1 | 16,50 | 6,0 | 10,2 | 8,0 | 10,2 | | | |
| | 97 | 54 | 3,5 | 14,57 | 6,0 | 10,2 | 7,9 | 10,2 | | | |
| | 110 | 48 | 4,2 | 12,96 | 5,8 | 10,2 | 7,6 | 10,2 | | | |
| | 123 | 43 | 4,4 | 11,55 | 5,7 | 10,2 | 7,3 | 10,2 | | | |

* ⇨🕮A8



IE2
IE3

**0,55 kW**
**0,75 kW**

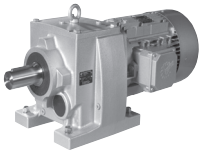


| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,55** | 51 | 102 | 0,9 | 27,62 | 2,8 | 3,9 | - | - | **SK 172.1 - 80 SH/4** | 13 | B45 |
| | 57 | 92 | 1,0 | 24,80 | 2,8 | 3,9 | - | - | | | |
| | 63 | 83 | 1,1 | 22,42 | 2,8 | 3,9 | - | - | | | |
| | 70 | 75 | 1,1 | 20,37 | 2,8 | 3,9 | - | - | | | |
| | 76 | 69 | 1,2 | 18,60 | 2,8 | 3,9 | - | - | | | |
| | 90 | 58 | 1,5 | 15,76 | 2,8 | 3,9 | - | - | | | |
| | 105 | 50 | 1,7 | 13,54 | 2,8 | 3,9 | - | - | | | |
| | 118 | 45 | 1,9 | 12,06 | 2,8 | 3,9 | - | - | | | |
| | 125 | 42 | 2,0 | 11,39 | 2,8 | 3,9 | - | - | | | |
| | 131 | 40 | 2,1 | 10,83 | 2,8 | 3,9 | - | - | | | |
| | 145 | 36 | 2,3 | 9,79 | 2,8 | 3,9 | - | - | | | |
| | 163 | 32 | 2,7 | 8,72 | 2,8 | 3,9 | - | - | | | |
| | 181 | 29 | 2,8 | 7,83 | 2,8 | 3,9 | - | - | | | |
| **0,75** | 7,5 | 958 | 0,9 | 189,31 | 10,1 | 9,0 | 16,2 | 25,0 | **SK 773.1 - 80 LP/4** | 44 | B55 |
| | 8,8 | 811 | 1,1 | 160,22 | 11,5 | 9,0 | 17,0 | 25,0 | | | |
| | 10 | 702 | 1,2 | 138,78 | 12,7 | 9,0 | 17,0 | 25,0 | | | |
| | 12 | 595 | 1,5 | 117,46 | 13,4 | 9,0 | 17,0 | 25,0 | | | |
| | 13 | 566 | 1,5 | 111,92 | 13,5 | 9,0 | 17,0 | 25,0 | | | |
| | 15 | 474 | 1,8 | 93,61 | 13,4 | 9,0 | 17,0 | 25,0 | | | |
| | 17 | 422 | 2,0 | 83,32 | 13,0 | 9,0 | 17,0 | 25,0 | | | |
| | 18 | 401 | 2,2 | 79,23 | 12,8 | 9,0 | 17,0 | 25,0 | | | |
| | 20 | 364 | 2,3 | 71,89 | 12,5 | 9,0 | 17,0 | 25,0 | | | |
| | 21 | 349 | 2,4 | 68,92 | 12,4 | 9,0 | 17,0 | 25,0 | | | |
| | 22 | 321 | 2,6 | 63,42 | 12,1 | 9,0 | 17,0 | 25,0 | | | |
| | 8,8 | 817 | 0,8 | 161,45 | 6,9 | 20,0 | 13,2 | 20,0 | **SK 673.1 - 80 LP/4** | 31 | B53 |
| | 9,6 | 743 | 0,9 | 146,88 | 7,9 | 20,0 | 13,8 | 20,0 | | | |
| | 9,9 | 725 | 0,9 | 143,30 | 8,1 | 20,0 | 13,9 | 20,0 | | | |
| | 11 | 661 | 1,0 | 130,55 | 8,8 | 20,0 | 14,3 | 20,0 | | | |
| | 12 | 587 | 1,1 | 115,89 | 9,5 | 20,0 | 14,7 | 20,0 | | | |
| | 14 | 524 | 1,2 | 103,48 | 9,9 | 20,0 | 15,0 | 20,0 | | | |
| | 15 | 480 | 1,3 | 94,86 | 10,2 | 20,0 | 15,0 | 20,0 | | | |
| | 17 | 424 | 1,5 | 83,70 | 10,5 | 20,0 | 15,0 | 20,0 | | | |
| | 19 | 373 | 1,7 | 73,64 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 21 | 334 | 1,9 | 65,95 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 23 | 306 | 2,1 | 60,45 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 26 | 279 | 2,3 | 55,12 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 29 | 251 | 2,6 | 49,50 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 25 | 287 | 1,4 | 56,65 | 11,1 | 20,0 | 15,0 | 20,0 | **SK 672.1 - 80 LP/4** | 30 | B52 |
| | 32 | 225 | 2,0 | 44,55 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 13 | 564 | 0,8 | 111,36 | 7,5 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 80 LP/4** | 25 | B49, B51 |
| | 15 | 478 | 0,9 | 94,50 | 8,8 | 14,5 | 11,0 | 14,5 | | | |
| | 17 | 431 | 1,0 | 85,18 | 9,4 | 14,5 | 11,0 | 14,5 | | | |
| | 18 | 389 | 1,2 | 76,88 | 9,6 | 14,5 | 11,0 | 14,5 | | | |
| | 21 | 342 | 1,3 | 67,64 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 23 | 309 | 1,5 | 60,97 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 25 | 282 | 1,6 | 55,80 | 10,0 | 14,5 | 11,0 | 14,5 | | | |
| | 29 | 251 | 1,8 | 49,60 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 30 | 243 | 1,9 | 47,95 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 33 | 220 | 2,0 | 43,40 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 34 | 214 | 2,1 | 42,18 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 37 | 192 | 2,3 | 38,02 | 10,3 | 14,5 | 11,0 | 14,5 | | | |
| | 26 | 275 | 1,3 | 54,41 | 10,1 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 80 LP/4** | 25 | B48, B50 |
| | 31 | 232 | 1,4 | 45,77 | 10,2 | 15,0 | 11,0 | 15,0 | | | |
| | 33 | 215 | 1,7 | 42,38 | 10,2 | 15,0 | 11,0 | 15,0 | | | |
| | 40 | 180 | 2,1 | 35,65 | 10,3 | 15,0 | 11,0 | 15,0 | | | |
| | 49 | 146 | 2,6 | 28,91 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 52 | 137 | 2,9 | 27,00 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 26 | 273 | 0,8 | 54,00 | 3,6 | 10,2 | 7,3 | 10,2 | **SK 373.1 - 80 LP/4** | 18 | B47 |
| | 30 | 238 | 0,9 | 47,05 | 4,4 | 10,2 | 7,6 | 10,2 | | | |
| | 33 | 215 | 0,9 | 42,46 | 4,6 | 10,2 | 7,8 | 10,2 | | | |
| | 38 | 188 | 1,1 | 37,23 | 4,8 | 10,2 | 8,0 | 10,2 | | | |
| | 43 | 168 | 1,2 | 33,20 | 5,2 | 10,2 | 8,0 | 10,2 | | | |
| | 48 | 151 | 1,4 | 29,77 | 5,3 | 10,2 | 8,0 | 10,2 | | | |

* ⇨📖A8

# 0,75 kW
# 1,10 kW

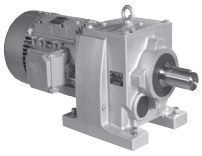
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 55 | 131 | 1,6 | 25,94 | 5,4 | 10,2 | 8,0 | 10,2 | **SK 373.1 - 80 LP/4** | 18 | B47 |
| | 60 | 118 | 1,8 | 23,41 | 5,3 | 10,2 | 8,0 | 10,2 | | | |
| | 62 | 115 | 1,8 | 22,74 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 69 | 104 | 2,0 | 20,52 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 76 | 94,3 | 2,0 | 18,63 | 5,3 | 10,2 | 8,0 | 10,2 | | | |
| | 33 | 219 | 0,8 | 43,26 | 5,0 | 10,2 | 7,8 | 10,2 | **SK 372.1 - 80 LP/4** | 17 | B46 |
| | 37 | 193 | 0,9 | 38,12 | 5,1 | 10,2 | 7,9 | 10,2 | | | |
| | 42 | 171 | 1,1 | 33,84 | 5,3 | 10,2 | 8,0 | 10,2 | | | |
| | 47 | 152 | 1,2 | 30,11 | 5,3 | 10,2 | 8,0 | 10,2 | | | |
| | 55 | 131 | 1,5 | 25,85 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 62 | 116 | 1,7 | 23,00 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 69 | 104 | 1,8 | 20,62 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 77 | 93,1 | 2,1 | 18,40 | 5,5 | 10,2 | 8,0 | 10,2 | | | |
| | 86 | 83,5 | 2,3 | 16,50 | 5,4 | 10,2 | 8,0 | 10,2 | | | |
| | 97 | 73,7 | 2,6 | 14,57 | 5,4 | 10,2 | 7,8 | 10,2 | | | |
| | 109 | 65,6 | 3,0 | 12,96 | 5,3 | 10,2 | 7,5 | 10,2 | | | |
| | 122 | 58,5 | 3,2 | 11,55 | 5,3 | 10,2 | 7,2 | 10,2 | | | |
| | 138 | 52,0 | 3,7 | 10,28 | 5,2 | 10,2 | 7,0 | 10,2 | | | |
| | 151 | 47,6 | 4,0 | 9,40 | 5,1 | 10,2 | 6,8 | 10,2 | | | |
| | 63 | 113 | 0,8 | 22,42 | 2,8 | 3,9 | - | - | **SK 172.1 - 80 LP/4** | 14 | B45 |
| | 69 | 103 | 0,8 | 20,37 | 2,8 | 3,9 | - | - | | | |
| | 76 | 94,1 | 0,9 | 18,60 | 2,8 | 3,9 | - | - | | | |
| | 90 | 79,8 | 1,1 | 15,76 | 2,8 | 3,9 | - | - | | | |
| | 104 | 68,5 | 1,2 | 13,54 | 2,8 | 3,9 | - | - | | | |
| | 117 | 61,1 | 1,4 | 12,06 | 2,8 | 3,9 | - | - | | | |
| | 124 | 57,7 | 1,5 | 11,39 | 2,8 | 3,9 | - | - | | | |
| | 131 | 54,8 | 1,6 | 10,83 | 2,8 | 3,9 | - | - | | | |
| | 145 | 49,6 | 1,7 | 9,79 | 2,8 | 3,9 | - | - | | | |
| | 162 | 44,2 | 2,0 | 8,72 | 2,8 | 3,9 | - | - | | | |
| | 181 | 39,6 | 2,1 | 7,83 | 2,8 | 3,9 | - | - | | | |
| | 200 | 35,8 | 2,3 | 7,08 | 2,8 | 3,9 | - | - | | | |
| | 220 | 32,6 | 2,5 | 6,43 | 2,8 | 3,9 | - | - | | | |
| | 245 | 29,2 | 2,6 | 5,77 | 2,8 | 3,9 | - | - | | | |
| | 275 | 26,0 | 3,2 | 5,14 | 2,8 | 3,9 | - | - | | | |
| | 307 | 23,4 | 3,1 | 4,62 | 2,8 | 3,9 | - | - | | | |
| | 339 | 21,1 | 3,1 | 4,17 | 2,8 | 3,9 | - | - | | | |
| | 373 | 19,2 | 3,1 | 3,79 | 2,8 | 3,9 | - | - | | | |
| | 409 | 17,5 | 3,1 | 3,46 | 2,8 | 3,9 | - | - | | | |
| | 439 | 16,3 | 3,3 | 3,22 | 2,8 | 3,9 | - | - | | | |
| | 485 | 14,8 | 3,4 | 2,92 | 2,8 | 3,9 | - | - | | | |
| | 521 | 13,8 | 3,3 | 2,72 | 2,8 | 3,9 | - | - | | | |
| | 568 | 12,6 | 3,4 | 2,49 | 2,8 | 3,9 | - | - | | | |
| | 611 | 11,7 | 3,7 | 2,32 | 2,8 | 3,9 | - | - | | | |
| 1,10 | 3,1 | 3355 | 1,0 | 456,77 | 23,3 | 22,0 | 29,7 | 40,0 | **SK 973.1 - 90 SP/4** | 123 | B59 |
| | 3,4 | 3046 | 1,1 | 414,73 | 24,1 | 22,0 | 30,2 | 40,0 | | | |
| | 3,9 | 2666 | 1,2 | 362,89 | 25,0 | 22,0 | 30,7 | 40,0 | | | |
| | 4,4 | 2391 | 1,4 | 325,47 | 25,6 | 22,0 | 31,0 | 40,0 | | | |
| | 4,8 | 2171 | 1,5 | 295,50 | 26,0 | 22,0 | 31,2 | 40,0 | | | |
| | 5,5 | 1899 | 1,7 | 258,57 | 26,5 | 22,0 | 31,5 | 40,0 | | | |
| | 6,1 | 1725 | 1,9 | 234,77 | 26,8 | 22,0 | 31,6 | 40,0 | | | |
| | 7,2 | 1451 | 2,3 | 197,50 | 27,3 | 22,0 | 31,9 | 40,0 | | | |
| | 5,0 | 2091 | 0,8 | 284,73 | 12,8 | 18,0 | 22,9 | 30,0 | **SK 873.1 - 90 SP/4** | 84 | B57 |
| | 5,6 | 1892 | 0,9 | 257,61 | 14,4 | 18,0 | 23,8 | 30,0 | | | |
| | 6,2 | 1705 | 1,0 | 232,16 | 15,6 | 18,0 | 24,6 | 30,0 | | | |
| | 6,8 | 1550 | 1,1 | 210,95 | 16,5 | 18,0 | 25,0 | 30,0 | | | |
| | 7,5 | 1402 | 1,2 | 190,86 | 17,2 | 18,0 | 25,0 | 30,0 | | | |
| | 8,6 | 1215 | 1,4 | 165,42 | 18,0 | 18,0 | 25,0 | 30,0 | | | |
| | 9,5 | 1104 | 1,5 | 150,31 | 18,3 | 18,0 | 25,0 | 30,0 | | | |
| | 11 | 937 | 1,8 | 127,52 | 18,9 | 18,0 | 25,0 | 30,0 | | | |
| | 12 | 851 | 2,0 | 115,88 | 19,1 | 18,0 | 25,0 | 30,0 | | | |
| | 14 | 742 | 2,3 | 101,02 | 19,3 | 18,0 | 25,0 | 30,0 | | | |
| | 16 | 672 | 2,5 | 91,43 | 19,5 | 18,0 | 25,0 | 30,0 | | | |
| | 17 | 610 | 2,8 | 83,08 | 19,6 | 18,0 | 25,0 | 30,0 | | | |
| | 19 | 546 | 3,1 | 74,29 | 19,7 | 18,0 | 25,0 | 30,0 | | | |
| | 21 | 496 | 3,4 | 67,50 | 19,8 | 18,0 | 25,0 | 30,0 | | | |
| | 23 | 449 | 3,8 | 61,07 | 19,8 | 18,0 | 25,0 | 30,0 | | | |



IE3

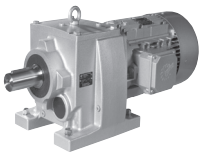
# 1,10 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 10 | 1019 | 0,8 | 138,78 | 9,4 | 9,0 | 15,8 | 25,0 | **SK 773.1 - 90 SP/4** | 49 | B55 |
| | 12 | 863 | 1,0 | 117,46 | 11,0 | 9,0 | 16,7 | 25,0 | | | |
| | 13 | 822 | 1,0 | 111,92 | 11,5 | 9,0 | 16,9 | 25,0 | | | |
| | 15 | 709 | 1,2 | 96,57 | 12,6 | 9,0 | 17,0 | 25,0 | | | |
| | 17 | 612 | 1,4 | 83,32 | 12,2 | 9,0 | 17,0 | 25,0 | | | |
| | 18 | 582 | 1,5 | 79,23 | 12,0 | 9,0 | 17,0 | 25,0 | | | |
| | 20 | 528 | 1,6 | 71,89 | 11,8 | 9,0 | 17,0 | 24,9 | | | |
| | 21 | 506 | 1,7 | 68,92 | 11,7 | 9,0 | 17,0 | 24,8 | | | |
| | 23 | 466 | 1,8 | 63,42 | 11,5 | 9,0 | 17,0 | 24,4 | | | |
| | 25 | 423 | 2,0 | 57,64 | 11,2 | 9,0 | 17,0 | 24,0 | | | |
| | 28 | 377 | 2,3 | 51,31 | 10,9 | 9,0 | 17,0 | 23,5 | | | |
| | 30 | 350 | 2,5 | 47,61 | 10,7 | 9,0 | 17,0 | 23,0 | | | |
| | 33 | 319 | 2,7 | 43,43 | 10,5 | 9,0 | 17,0 | 22,6 | | | |
| | 12 | 851 | 0,8 | 115,89 | 6,4 | 20,0 | 13,0 | 20,0 | **SK 673.1 - 90 SP/4** | 36 | B53 |
| | 14 | 760 | 0,8 | 103,48 | 7,8 | 20,0 | 13,7 | 20,0 | | | |
| | 15 | 697 | 0,9 | 94,86 | 8,5 | 20,0 | 14,1 | 20,0 | | | |
| | 17 | 615 | 1,0 | 83,70 | 9,3 | 20,0 | 14,6 | 20,0 | | | |
| | 19 | 541 | 1,2 | 73,64 | 9,8 | 20,0 | 15,0 | 20,0 | | | |
| | 22 | 484 | 1,3 | 65,95 | 10,2 | 20,0 | 15,0 | 20,0 | | | |
| | 24 | 444 | 1,4 | 60,45 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 26 | 405 | 1,6 | 55,12 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 29 | 364 | 1,8 | 49,50 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 32 | 329 | 1,9 | 44,85 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 34 | 305 | 2,1 | 41,54 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 38 | 274 | 2,3 | 37,23 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 25 | 416 | 1,0 | 56,65 | 10,6 | 20,0 | 15,0 | 20,0 | **SK 672.1 - 90 SP/4** | 35 | B52 |
| | 32 | 327 | 1,4 | 44,55 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 40 | 263 | 2,1 | 35,75 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 44 | 239 | 2,5 | 32,58 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 49 | 214 | 2,6 | 29,08 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 19 | 565 | 0,8 | 76,88 | 7,5 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 90 SP/4** | 30 | B49, B51 |
| | 21 | 497 | 0,9 | 67,64 | 8,5 | 14,5 | 11,0 | 14,5 | | | |
| | 23 | 448 | 1,0 | 60,97 | 9,2 | 14,5 | 11,0 | 14,5 | | | |
| | 26 | 410 | 1,1 | 55,80 | 9,5 | 14,5 | 11,0 | 14,5 | | | |
| | 29 | 364 | 1,2 | 49,60 | 9,7 | 14,5 | 11,0 | 14,5 | | | |
| | 30 | 352 | 1,3 | 47,95 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 33 | 319 | 1,4 | 43,40 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 34 | 310 | 1,5 | 42,18 | 9,9 | 14,5 | 11,0 | 14,5 | | | |
| | 38 | 279 | 1,6 | 38,02 | 10,0 | 14,5 | 11,0 | 14,5 | | | |
| | 41 | 256 | 1,7 | 34,80 | 10,1 | 14,5 | 11,0 | 14,5 | | | |
| | 46 | 227 | 1,9 | 30,93 | 10,2 | 14,5 | 11,0 | 14,5 | | | |
| | 26 | 400 | 0,9 | 54,41 | 9,6 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 90 SP/4** | 30 | B48, B50 |
| | 31 | 336 | 1,0 | 45,77 | 9,8 | 15,0 | 11,0 | 15,0 | | | |
| | 34 | 311 | 1,2 | 42,38 | 9,9 | 15,0 | 11,0 | 15,0 | | | |
| | 40 | 262 | 1,4 | 35,65 | 10,1 | 15,0 | 11,0 | 15,0 | | | |
| | 46 | 230 | 1,6 | 31,28 | 10,2 | 15,0 | 11,0 | 15,0 | | | |
| | 49 | 212 | 1,8 | 28,91 | 10,2 | 15,0 | 11,0 | 15,0 | | | |
| | 53 | 198 | 2,0 | 27,00 | 10,3 | 15,0 | 11,0 | 15,0 | | | |
| | 58 | 181 | 2,4 | 24,58 | 10,3 | 15,0 | 11,0 | 15,0 | | | |
| | 65 | 160 | 2,6 | 21,85 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 73 | 144 | 2,8 | 19,57 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 87 | 121 | 3,3 | 16,46 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 93 | 113 | 3,8 | 15,38 | 10,4 | 15,0 | 11,0 | 15,0 | | | |
| | 105 | 100 | 4,1 | 13,67 | 10,2 | 15,0 | 11,0 | 15,0 | | | |
| | 43 | 244 | 0,8 | 33,20 | 3,2 | 10,2 | 7,6 | 10,2 | **SK 373.1 - 90 SP/4** | 23 | B47 |
| | 48 | 219 | 1,0 | 29,77 | 3,4 | 10,2 | 7,8 | 10,2 | | | |
| | 55 | 191 | 1,1 | 25,94 | 3,7 | 10,2 | 8,0 | 10,2 | | | |
| | 61 | 172 | 1,2 | 23,41 | 3,8 | 10,2 | 8,0 | 10,2 | | | |
| | 63 | 167 | 1,3 | 22,74 | 4,0 | 10,2 | 8,0 | 10,2 | | | |
| | 70 | 151 | 1,4 | 20,52 | 4,1 | 10,2 | 8,0 | 10,2 | | | |
| | 77 | 137 | 1,4 | 18,63 | 4,1 | 10,2 | 8,0 | 10,2 | | | |

* ⇨📖A8

# 1,10 kW
# 1,50 kW

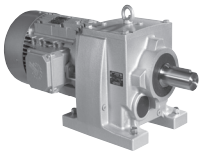
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 42 | 249 | 0,8 | 33,84 | 3,2 | 10,2 | 7,6 | 10,2 | **SK 372.1 - 90 SP/4** | 22 | B46 |
| | 47 | 221 | 0,8 | 30,11 | 3,5 | 10,2 | 7,8 | 10,2 | | | |
| | 55 | 190 | 1,0 | 25,85 | 3,9 | 10,2 | 8,0 | 10,2 | | | |
| | 62 | 169 | 1,2 | 23,00 | 4,1 | 10,2 | 8,0 | 10,2 | | | |
| | 69 | 152 | 1,3 | 20,62 | 4,1 | 10,2 | 8,0 | 10,2 | | | |
| | 78 | 135 | 1,5 | 18,40 | 4,3 | 10,2 | 8,0 | 10,2 | | | |
| | 87 | 121 | 1,6 | 16,50 | 4,4 | 10,2 | 7,8 | 10,2 | | | |
| | 98 | 107 | 1,8 | 14,57 | 4,6 | 10,2 | 7,5 | 10,2 | | | |
| | 110 | 95,2 | 2,1 | 12,96 | 4,5 | 10,2 | 7,3 | 10,2 | | | |
| | 124 | 84,9 | 2,2 | 11,55 | 4,6 | 10,2 | 7,0 | 10,2 | | | |
| | 139 | 75,5 | 2,5 | 10,28 | 4,5 | 10,2 | 6,8 | 10,2 | | | |
| | 152 | 69,0 | 2,8 | 9,40 | 4,5 | 10,2 | 6,6 | 10,2 | | | |
| | 174 | 60,4 | 3,0 | 8,22 | 4,5 | 10,2 | 6,4 | 10,2 | | | |
| | 198 | 53,1 | 3,2 | 7,23 | 4,4 | 10,2 | 6,1 | 10,2 | | | |
| | 208 | 50,6 | 3,4 | 6,89 | 4,4 | 10,2 | 6,1 | 10,2 | | | |
| | 217 | 48,3 | 3,3 | 6,58 | 4,4 | 10,2 | 6,0 | 10,2 | | | |
| | 240 | 43,7 | 3,7 | 5,95 | 4,3 | 10,2 | 5,8 | 10,2 | | | |
| | 273 | 38,5 | 4,2 | 5,24 | 4,2 | 10,2 | 5,6 | 10,2 | | | |
| | 126 | 83,7 | 1,0 | 11,39 | 2,8 | 3,9 | - | - | **SK 172.1 - 90 SP/4** | 19 | B45 |
| | 146 | 71,9 | 1,2 | 9,79 | 2,8 | 3,9 | - | - | | | |
| | 164 | 64,1 | 1,4 | 8,72 | 2,8 | 3,9 | - | - | | | |
| | 183 | 57,5 | 1,4 | 7,83 | 2,8 | 3,9 | - | - | | | |
| | 202 | 52,0 | 1,6 | 7,08 | 2,8 | 3,9 | - | - | | | |
| | 222 | 47,3 | 1,7 | 6,43 | 2,8 | 3,9 | - | - | | | |
| | 248 | 42,4 | 1,8 | 5,77 | 2,8 | 3,9 | - | - | | | |
| | 278 | 37,8 | 2,2 | 5,14 | 2,8 | 3,9 | - | - | | | |
| | 310 | 33,9 | 2,1 | 4,62 | 2,8 | 3,9 | - | - | | | |
| | 343 | 30,6 | 2,1 | 4,17 | 2,8 | 3,9 | - | - | | | |
| | 377 | 27,8 | 2,1 | 3,79 | 2,8 | 3,9 | - | - | | | |
| | 413 | 25,4 | 2,1 | 3,46 | 2,8 | 3,9 | - | - | | | |
| | 444 | 23,7 | 2,3 | 3,22 | 2,8 | 3,9 | - | - | | | |
| | 490 | 21,4 | 2,3 | 2,92 | 2,8 | 3,9 | - | - | | | |
| | 526 | 20,0 | 2,3 | 2,72 | 2,8 | 3,9 | - | - | | | |
| | 574 | 18,3 | 2,4 | 2,49 | 2,8 | 3,9 | - | - | | | |
| | 617 | 17,0 | 2,5 | 2,32 | 2,8 | 3,8 | - | - | | | |
| 1,50 | 3,4 | 4198 | 0,8 | 414,73 | 18,5 | 22,0 | 28,4 | 40,0 | **SK 973.1 - 90 LP/4** | 124 | B59 |
| | 3,9 | 3674 | 0,9 | 362,89 | 22,4 | 22,0 | 29,3 | 40,0 | | | |
| | 4,3 | 3295 | 1,0 | 325,47 | 23,4 | 22,0 | 29,8 | 40,0 | | | |
| | 4,8 | 2991 | 1,1 | 295,50 | 24,2 | 22,0 | 30,2 | 40,0 | | | |
| | 5,5 | 2617 | 1,3 | 258,57 | 25,1 | 22,0 | 30,7 | 40,0 | | | |
| | 6,0 | 2377 | 1,4 | 234,77 | 25,6 | 22,0 | 31,0 | 40,0 | | | |
| | 7,2 | 1999 | 1,7 | 197,50 | 26,3 | 22,0 | 31,4 | 40,0 | | | |
| | 7,9 | 1815 | 1,8 | 179,32 | 26,6 | 22,0 | 31,5 | 40,0 | | | |
| | 8,2 | 1757 | 1,7 | 173,58 | 26,8 | 22,0 | 31,6 | 40,0 | | | |
| | 9,0 | 1595 | 1,9 | 157,60 | 27,0 | 22,0 | 31,7 | 40,0 | | | |
| | 11 | 1341 | 2,5 | 132,45 | 27,4 | 22,0 | 31,9 | 40,0 | | | |
| | 12 | 1217 | 2,7 | 120,26 | 27,6 | 22,0 | 32,0 | 40,0 | | | |
| | 13 | 1065 | 3,0 | 105,23 | 27,8 | 22,0 | 32,1 | 40,0 | | | |
| | 15 | 961 | 3,4 | 94,96 | 28,0 | 22,0 | 32,2 | 40,0 | | | |
| | 16 | 873 | 3,8 | 86,22 | 28,1 | 22,0 | 32,3 | 40,0 | | | |
| | 6,7 | 2135 | 0,8 | 210,95 | 12,3 | 18,0 | 22,6 | 30,0 | **SK 873.1 - 90 LP/4** | 85 | B57 |
| | 7,4 | 1932 | 0,9 | 190,86 | 14,0 | 18,0 | 23,6 | 30,0 | | | |
| | 8,6 | 1675 | 1,0 | 165,42 | 15,8 | 18,0 | 24,7 | 30,0 | | | |
| | 9,4 | 1522 | 1,1 | 150,31 | 16,6 | 18,0 | 25,0 | 30,0 | | | |
| | 10 | 1377 | 1,2 | 135,99 | 17,3 | 18,0 | 25,0 | 30,0 | | | |
| | 11 | 1291 | 1,3 | 127,52 | 17,6 | 18,0 | 25,0 | 30,0 | | | |
| | 12 | 1173 | 1,4 | 115,88 | 18,1 | 18,0 | 25,0 | 30,0 | | | |
| | 13 | 1061 | 1,6 | 104,84 | 18,5 | 18,0 | 25,0 | 30,0 | | | |
| | 14 | 1023 | 1,7 | 101,02 | 18,6 | 18,0 | 25,0 | 30,0 | | | |
| | 15 | 926 | 1,8 | 91,43 | 18,9 | 18,0 | 25,0 | 30,0 | | | |
| | 17 | 841 | 2,0 | 83,08 | 19,1 | 18,0 | 25,0 | 30,0 | | | |
| | 19 | 752 | 2,3 | 74,29 | 19,3 | 18,0 | 25,0 | 30,0 | | | |
| | 21 | 683 | 2,5 | 67,50 | 19,4 | 18,0 | 25,0 | 30,0 | | | |
| | 23 | 618 | 2,7 | 61,07 | 19,6 | 18,0 | 25,0 | 30,0 | | | |
| | 26 | 560 | 3,0 | 55,35 | 19,6 | 18,0 | 25,0 | 30,0 | | | |
| | 28 | 509 | 3,3 | 50,32 | 19,1 | 18,0 | 25,0 | 30,0 | | | |
| | 31 | 461 | 3,7 | 45,53 | 18,6 | 18,0 | 25,0 | 30,0 | | | |



IE3

# 1,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 13 | 1133 | 0,8 | 111,92 | 8,0 | 9,0 | 15,1 | 23,7 | **SK 773.1 - 90 LP/4** | 50 | B55 |
| | 15 | 978 | 0,9 | 96,57 | 9,9 | 9,0 | 16,0 | 23,6 | | | |
| | 17 | 843 | 1,0 | 83,32 | 11,3 | 9,0 | 16,8 | 23,5 | | | |
| | 18 | 802 | 1,1 | 79,23 | 11,3 | 9,0 | 17,0 | 23,2 | | | |
| | 20 | 728 | 1,2 | 71,89 | 11,1 | 9,0 | 17,0 | 23,2 | | | |
| | 21 | 698 | 1,2 | 68,92 | 11,0 | 9,0 | 17,0 | 23,1 | | | |
| | 22 | 642 | 1,3 | 63,42 | 10,9 | 9,0 | 17,0 | 22,9 | | | |
| | 25 | 584 | 1,5 | 57,64 | 10,7 | 9,0 | 17,0 | 22,6 | | | |
| | 28 | 519 | 1,6 | 51,31 | 10,4 | 9,0 | 17,0 | 22,2 | | | |
| | 30 | 482 | 1,8 | 47,61 | 10,2 | 9,0 | 17,0 | 21,9 | | | |
| | 33 | 440 | 2,0 | 43,43 | 10,0 | 9,0 | 17,0 | 21,6 | | | |
| | 36 | 395 | 2,1 | 39,06 | 9,8 | 9,0 | 17,0 | 21,3 | | | |
| | 40 | 362 | 2,3 | 35,77 | 9,6 | 9,0 | 17,0 | 20,9 | | | |
| | 44 | 322 | 2,5 | 31,83 | 9,3 | 9,0 | 16,8 | 20,4 | | | |
| | 49 | 290 | 2,8 | 28,63 | 9,1 | 9,0 | 16,5 | 20,0 | | | |
| | 53 | 272 | 3,0 | 26,86 | 9,0 | 9,0 | 16,3 | 19,8 | **SK 772.1 - 90 LP/4** | 49 | B54 |
| | 58 | 247 | 3,3 | 24,41 | 8,8 | 9,0 | 16,0 | 19,4 | | | |
| | 17 | 847 | 0,8 | 83,70 | 6,4 | 20,0 | 13,0 | 20,0 | **SK 673.1 - 90 LP/4** | 38 | B53 |
| | 19 | 745 | 0,9 | 73,64 | 7,9 | 20,0 | 13,8 | 20,0 | | | |
| | 21 | 668 | 1,0 | 65,95 | 8,8 | 20,0 | 14,3 | 20,0 | | | |
| | 23 | 612 | 1,0 | 60,45 | 9,3 | 20,0 | 14,6 | 20,0 | | | |
| | 26 | 558 | 1,1 | 55,12 | 9,7 | 20,0 | 14,9 | 20,0 | | | |
| | 29 | 501 | 1,3 | 49,50 | 10,1 | 20,0 | 15,0 | 20,0 | | | |
| | 32 | 454 | 1,4 | 44,85 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 34 | 420 | 1,5 | 41,54 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 38 | 377 | 1,7 | 37,23 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 41 | 345 | 1,7 | 34,12 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 46 | 313 | 1,7 | 30,92 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 51 | 279 | 1,9 | 27,61 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 56 | 255 | 2,0 | 25,19 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 62 | 231 | 1,9 | 22,82 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 32 | 451 | 1,0 | 44,55 | 10,4 | 20,0 | 15,0 | 20,0 | **SK 672.1 - 90 LP/4** | 37 | B52 |
| | 40 | 362 | 1,5 | 35,75 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 43 | 330 | 1,8 | 32,58 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 49 | 294 | 1,9 | 29,08 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 25 | 565 | 0,8 | 55,80 | 7,5 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 90 LP/4** | 32 | B49, B51 |
| | 29 | 502 | 0,9 | 49,60 | 8,2 | 14,5 | 11,0 | 14,5 | | | |
| | 30 | 485 | 0,9 | 47,95 | 8,4 | 14,5 | 11,0 | 14,5 | | | |
| | 33 | 439 | 1,0 | 43,40 | 8,8 | 14,5 | 11,0 | 14,5 | | | |
| | 34 | 427 | 1,1 | 42,18 | 8,9 | 14,5 | 11,0 | 14,5 | | | |
| | 37 | 385 | 1,2 | 38,02 | 9,2 | 14,5 | 11,0 | 14,5 | | | |
| | 41 | 352 | 1,2 | 34,80 | 9,5 | 14,5 | 11,0 | 14,5 | | | |
| | 46 | 313 | 1,4 | 30,93 | 9,6 | 14,5 | 11,0 | 14,5 | | | |
| | 53 | 271 | 1,6 | 26,77 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 59 | 241 | 1,8 | 23,79 | 9,8 | 14,5 | 11,0 | 14,5 | | | |
| | 66 | 216 | 2,0 | 21,32 | 9,7 | 14,5 | 11,0 | 14,5 | | | |
| | 33 | 429 | 0,9 | 42,38 | 9,4 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 90 LP/4** | 31 | B48, B50 |
| | 40 | 361 | 1,0 | 35,65 | 9,7 | 15,0 | 11,0 | 15,0 | | | |
| | 45 | 317 | 1,2 | 31,28 | 9,9 | 15,0 | 11,0 | 15,0 | | | |
| | 49 | 293 | 1,3 | 28,91 | 9,9 | 15,0 | 11,0 | 15,0 | | | |
| | 52 | 273 | 1,5 | 27,00 | 9,8 | 15,0 | 11,0 | 15,0 | | | |
| | 58 | 249 | 1,7 | 24,58 | 9,9 | 15,0 | 11,0 | 15,0 | | | |
| | 65 | 221 | 1,9 | 21,85 | 9,8 | 15,0 | 11,0 | 15,0 | | | |
| | 72 | 198 | 2,0 | 19,57 | 10,0 | 15,0 | 11,0 | 15,0 | | | |
| | 86 | 167 | 2,4 | 16,46 | 9,8 | 15,0 | 11,0 | 15,0 | | | |
| | 92 | 156 | 2,8 | 15,38 | 9,6 | 15,0 | 11,0 | 15,0 | | | |
| | 104 | 138 | 3,0 | 13,67 | 9,5 | 15,0 | 11,0 | 15,0 | | | |
| | 112 | 128 | 3,3 | 12,68 | 9,4 | 15,0 | 11,0 | 15,0 | | | |
| | 126 | 114 | 3,6 | 11,25 | 9,3 | 15,0 | 11,0 | 15,0 | | | |
| | 141 | 102 | 3,9 | 10,04 | 9,1 | 15,0 | 11,0 | 15,0 | | | |
| | 55 | 263 | 0,8 | 25,94 | 1,8 | 10,2 | 7,4 | 10,2 | **SK 373.1 - 90 LP/4** | 24 | B47 |
| | 60 | 237 | 0,9 | 23,41 | 2,1 | 10,2 | 7,6 | 10,2 | | | |
| | 62 | 230 | 0,9 | 22,74 | 2,3 | 10,2 | 7,7 | 10,2 | | | |
| | 69 | 208 | 1,0 | 20,52 | 2,5 | 10,2 | 7,8 | 10,2 | | | |
| | 76 | 189 | 1,0 | 18,63 | 2,7 | 10,2 | 7,7 | 10,2 | | | |

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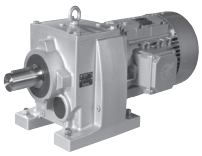
# 1,50 kW
# 2,20 kW

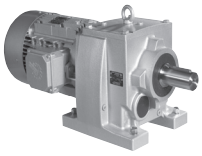
IE3



DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 62 | 233 | 0,9 | 23,00 | 2,4 | 10,2 | 7,7 | 10,2 | **SK 372.1 - 90 LP/4** | 24 | B46 |
| | 69 | 209 | 0,9 | 20,62 | 2,6 | 10,2 | 7,8 | 10,2 | | | |
| | 77 | 186 | 1,1 | 18,40 | 3,0 | 10,2 | 7,7 | 10,2 | | | |
| | 86 | 167 | 1,1 | 16,50 | 3,1 | 10,2 | 7,5 | 10,2 | | | |
| | 97 | 147 | 1,3 | 14,57 | 3,5 | 10,2 | 7,3 | 10,2 | | | |
| | 109 | 131 | 1,5 | 12,96 | 3,6 | 10,2 | 7,1 | 10,2 | | | |
| | 122 | 117 | 1,6 | 11,55 | 3,8 | 10,2 | 6,9 | 10,2 | | | |
| | 138 | 104 | 1,8 | 10,28 | 3,8 | 10,2 | 6,7 | 10,2 | | | |
| | 151 | 95,2 | 2,0 | 9,40 | 3,9 | 10,2 | 6,5 | 10,2 | | | |
| | 172 | 83,3 | 2,2 | 8,22 | 3,9 | 10,2 | 6,3 | 10,2 | | | |
| | 196 | 73,2 | 2,3 | 7,23 | 3,9 | 10,2 | 6,1 | 10,2 | | | |
| | 205 | 69,7 | 2,4 | 6,89 | 4,0 | 10,2 | 6,0 | 10,2 | | | |
| | 215 | 66,6 | 2,4 | 6,58 | 4,0 | 10,2 | 5,9 | 10,2 | | | |
| | 238 | 60,2 | 2,7 | 5,95 | 3,9 | 10,2 | 5,7 | 10,2 | | | |
| | 270 | 53,1 | 3,0 | 5,24 | 3,9 | 10,1 | 5,5 | 10,1 | | | |
| | 303 | 47,2 | 3,0 | 4,66 | 3,8 | 9,7 | 5,3 | 9,7 | | | |
| | 338 | 42,3 | 3,1 | 4,18 | 3,7 | 9,4 | 5,1 | 9,4 | | | |
| | 375 | 38,2 | 3,1 | 3,78 | 3,6 | 9,1 | 5,0 | 9,1 | | | |
| | 413 | 34,7 | 3,2 | 3,43 | 3,6 | 8,8 | 4,8 | 8,8 | | | |
| | 453 | 31,6 | 3,2 | 3,12 | 3,5 | 8,6 | 4,7 | 8,6 | | | |
| | 495 | 28,9 | 3,1 | 2,86 | 3,4 | 8,3 | 4,6 | 8,3 | | | |
| | 539 | 26,6 | 3,4 | 2,62 | 3,4 | 8,0 | 4,4 | 8,0 | | | |
| | 145 | 99,1 | 0,9 | 9,79 | 2,8 | 3,9 | - | - | **SK 172.1 - 90 LP/4** | 21 | B45 |
| | 162 | 88,3 | 1,0 | 8,72 | 2,8 | 3,9 | - | - | | | |
| | 181 | 79,3 | 1,0 | 7,83 | 2,8 | 3,9 | - | - | | | |
| | 200 | 71,7 | 1,1 | 7,08 | 2,8 | 3,9 | - | - | | | |
| | 220 | 65,1 | 1,3 | 6,43 | 2,8 | 3,9 | - | - | | | |
| | 245 | 58,4 | 1,3 | 5,77 | 2,8 | 3,9 | - | - | | | |
| | 275 | 52,0 | 1,6 | 5,14 | 2,8 | 3,9 | - | - | | | |
| | 307 | 46,7 | 1,5 | 4,62 | 2,8 | 3,9 | - | - | | | |
| | 339 | 42,2 | 1,5 | 4,17 | 2,8 | 3,9 | - | - | | | |
| | 373 | 38,4 | 1,5 | 3,79 | 2,8 | 3,9 | - | - | | | |
| | 409 | 35,0 | 1,5 | 3,46 | 2,8 | 3,9 | - | - | | | |
| | 439 | 32,6 | 1,7 | 3,22 | 2,8 | 3,9 | - | - | | | |
| | 485 | 29,5 | 1,7 | 2,92 | 2,8 | 3,9 | - | - | | | |
| | 521 | 27,5 | 1,7 | 2,72 | 2,8 | 3,9 | - | - | | | |
| | 568 | 25,2 | 1,7 | 2,49 | 2,8 | 3,8 | - | - | | | |
| | 611 | 23,5 | 1,8 | 2,32 | 2,8 | 3,7 | - | - | | | |
| 2,20 | 5,0 | 4238 | 0,8 | 295,50 | 17,5 | 22,0 | 28,2 | 40,0 | **SK 973.1 - 100 LP/4** | 136 | B59 |
| | 5,7 | 3708 | 0,9 | 258,57 | 22,1 | 22,0 | 29,1 | 40,0 | | | |
| | 6,2 | 3367 | 1,0 | 234,77 | 23,1 | 22,0 | 29,6 | 40,0 | | | |
| | 7,4 | 2832 | 1,2 | 197,50 | 24,5 | 22,0 | 30,4 | 40,0 | | | |
| | 8,2 | 2571 | 1,3 | 179,32 | 25,1 | 22,0 | 30,7 | 40,0 | | | |
| | 8,4 | 2489 | 1,2 | 173,58 | 25,3 | 22,0 | 30,8 | 40,0 | | | |
| | 9,3 | 2260 | 1,3 | 157,60 | 25,7 | 22,0 | 31,1 | 40,0 | | | |
| | 11 | 1899 | 1,7 | 132,45 | 26,5 | 22,0 | 31,4 | 40,0 | | | |
| | 12 | 1725 | 1,9 | 120,26 | 26,8 | 22,0 | 31,6 | 40,0 | | | |
| | 14 | 1509 | 2,1 | 105,23 | 27,1 | 22,0 | 31,8 | 40,0 | | | |
| | 15 | 1362 | 2,4 | 94,96 | 27,4 | 22,0 | 31,9 | 40,0 | | | |
| | 17 | 1236 | 2,7 | 86,22 | 27,6 | 22,0 | 32,0 | 40,0 | | | |
| | 19 | 1082 | 3,1 | 75,44 | 27,8 | 22,0 | 32,1 | 40,0 | | | |
| | 21 | 982 | 3,4 | 68,50 | 27,9 | 22,0 | 32,2 | 40,0 | | | |
| | 22 | 946 | 3,4 | 65,98 | 28,0 | 22,0 | 32,2 | 40,0 | | | |
| | 24 | 859 | 3,7 | 59,91 | 28,1 | 22,0 | 32,3 | 40,0 | | | |
| | 9,7 | 2155 | 0,8 | 150,31 | 11,8 | 18,0 | 22,4 | 30,0 | **SK 873.1 - 100 LP/4** | 96 | B57 |
| | 11 | 1950 | 0,9 | 135,99 | 13,7 | 18,0 | 23,4 | 30,0 | | | |
| | 13 | 1662 | 1,0 | 115,88 | 15,7 | 18,0 | 24,7 | 30,0 | | | |
| | 14 | 1503 | 1,1 | 104,84 | 16,6 | 18,0 | 25,0 | 30,0 | | | |
| | 15 | 1449 | 1,2 | 101,02 | 16,9 | 18,0 | 25,0 | 30,0 | | | |
| | 16 | 1311 | 1,3 | 91,43 | 17,5 | 18,0 | 25,0 | 30,0 | | | |
| | 18 | 1191 | 1,4 | 83,08 | 18,0 | 18,0 | 25,0 | 30,0 | | | |
| | 20 | 1065 | 1,6 | 74,29 | 18,4 | 18,0 | 25,0 | 30,0 | | | |
| | 22 | 968 | 1,8 | 67,50 | 18,7 | 18,0 | 25,0 | 30,0 | | | |
| | 24 | 876 | 1,9 | 61,07 | 19,0 | 18,0 | 25,0 | 30,0 | | | |
| | 26 | 794 | 2,1 | 55,35 | 18,7 | 18,0 | 25,0 | 30,0 | | | |
| | 29 | 722 | 2,4 | 50,32 | 18,3 | 18,0 | 25,0 | 30,0 | | | |
| | 32 | 653 | 2,6 | 45,53 | 17,8 | 18,0 | 25,0 | 30,0 | | | |



IE3

# 2,20 kW

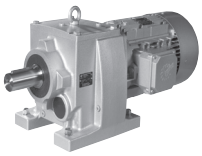
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,20 | 34 | 612 | 2,3 | 42,67 | 17,6 | 18,0 | 25,0 | 30,0 | **SK 872.1 - 100 LP/4** | 94 | B56 |
| | 38 | 556 | 2,3 | 38,77 | 17,1 | 18,0 | 25,0 | 30,0 | | | |
| | 42 | 503 | 2,4 | 35,08 | 16,7 | 18,0 | 25,0 | 30,0 | | | |
| | 18 | 1136 | 0,8 | 79,23 | 7,7 | 9,0 | 14,9 | 19,7 | **SK 773.1 - 100 LP/4** | 62 | B55 |
| | 20 | 1031 | 0,8 | 71,89 | 9,0 | 9,0 | 15,6 | 20,0 | | | |
| | 21 | 988 | 0,9 | 68,92 | 9,3 | 9,0 | 15,9 | 20,1 | | | |
| | 23 | 910 | 0,9 | 63,42 | 9,7 | 9,0 | 16,4 | 20,1 | | | |
| | 25 | 827 | 1,0 | 57,64 | 9,6 | 9,0 | 16,6 | 20,1 | | | |
| | 29 | 736 | 1,2 | 51,31 | 9,5 | 9,0 | 16,5 | 20,0 | | | |
| | 31 | 683 | 1,3 | 47,61 | 9,4 | 9,0 | 16,3 | 19,7 | | | |
| | 34 | 623 | 1,4 | 43,43 | 9,2 | 9,0 | 16,2 | 19,6 | | | |
| | 38 | 560 | 1,5 | 39,06 | 9,1 | 9,0 | 16,1 | 19,5 | | | |
| | 41 | 513 | 1,6 | 35,77 | 8,9 | 9,0 | 15,9 | 19,2 | | | |
| | 46 | 457 | 1,8 | 31,83 | 8,7 | 9,0 | 15,6 | 18,9 | | | |
| | 51 | 411 | 2,0 | 28,63 | 8,6 | 9,0 | 15,4 | 18,7 | | | |
| | 55 | 385 | 2,1 | 26,86 | 8,5 | 9,0 | 15,3 | 18,6 | **SK 772.1 - 100 LP/4** | 60 | B54 |
| | 60 | 350 | 2,3 | 24,41 | 8,3 | 9,0 | 15,0 | 18,2 | | | |
| | 27 | 790 | 0,8 | 55,12 | 7,2 | 20,0 | 13,4 | 20,0 | **SK 673.1 - 100 LP/4** | 49 | B53 |
| | 30 | 710 | 0,9 | 49,50 | 8,2 | 20,0 | 13,9 | 20,0 | | | |
| | 33 | 643 | 1,0 | 44,85 | 8,9 | 20,0 | 14,4 | 20,0 | | | |
| | 35 | 596 | 1,1 | 41,54 | 9,3 | 20,0 | 14,6 | 20,0 | | | |
| | 39 | 534 | 1,2 | 37,23 | 9,8 | 20,0 | 15,0 | 20,0 | | | |
| | 43 | 489 | 1,2 | 34,12 | 10,1 | 20,0 | 15,0 | 20,0 | | | |
| | 47 | 443 | 1,2 | 30,92 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 53 | 396 | 1,3 | 27,61 | 10,7 | 20,0 | 15,0 | 20,0 | | | |
| | 58 | 361 | 1,4 | 25,19 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 64 | 327 | 1,4 | 22,82 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 45 | 467 | 1,3 | 32,58 | 10,3 | 20,0 | 15,0 | 20,0 | **SK 672.1 - 100 LP/4** | 48 | B52 |
| | 50 | 417 | 1,3 | 29,08 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 56 | 376 | 1,6 | 26,23 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 63 | 336 | 1,8 | 23,41 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 71 | 296 | 2,1 | 20,62 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 80 | 264 | 2,3 | 18,41 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 85 | 247 | 2,5 | 17,25 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 39 | 545 | 0,8 | 38,02 | 5,4 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 100 LP/4** | 43 | B49, B51 |
| | 42 | 499 | 0,9 | 34,80 | 6,1 | 14,5 | 11,0 | 14,5 | | | |
| | 47 | 444 | 1,0 | 30,93 | 6,5 | 14,5 | 11,0 | 14,5 | | | |
| | 55 | 384 | 1,1 | 26,77 | 7,2 | 14,5 | 11,0 | 14,5 | | | |
| | 62 | 341 | 1,3 | 23,79 | 7,4 | 14,5 | 11,0 | 14,5 | | | |
| | 69 | 306 | 1,4 | 21,32 | 7,5 | 14,5 | 11,0 | 14,5 | | | |
| | 76 | 276 | 1,6 | 19,22 | 7,5 | 14,5 | 11,0 | 14,5 | | | |
| | 84 | 250 | 1,7 | 17,42 | 7,5 | 14,5 | 11,0 | 14,5 | | | |
| | 47 | 449 | 0,8 | 31,28 | 7,1 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 100 LP/4** | 42 | B48, B50 |
| | 60 | 352 | 1,2 | 24,58 | 7,4 | 15,0 | 11,0 | 15,0 | | | |
| | 67 | 313 | 1,3 | 21,85 | 7,6 | 15,0 | 11,0 | 15,0 | | | |
| | 75 | 281 | 1,4 | 19,57 | 8,2 | 15,0 | 11,0 | 15,0 | | | |
| | 89 | 236 | 1,7 | 16,46 | 8,2 | 15,0 | 11,0 | 15,0 | | | |
| | 95 | 220 | 2,0 | 15,38 | 8,1 | 15,0 | 11,0 | 15,0 | | | |
| | 107 | 196 | 2,1 | 13,67 | 8,1 | 15,0 | 11,0 | 15,0 | | | |
| | 116 | 182 | 2,4 | 12,68 | 8,1 | 15,0 | 11,0 | 15,0 | | | |
| | 130 | 161 | 2,5 | 11,25 | 8,1 | 15,0 | 11,0 | 15,0 | | | |
| | 146 | 144 | 2,8 | 10,04 | 8,1 | 15,0 | 11,0 | 15,0 | | | |
| | 164 | 128 | 2,9 | 8,92 | 7,9 | 15,0 | 11,0 | 15,0 | | | |
| | 180 | 117 | 3,1 | 8,15 | 8,0 | 15,0 | 10,9 | 15,0 | | | |
| | 196 | 107 | 3,3 | 7,49 | 7,9 | 15,0 | 10,7 | 15,0 | | | |
| | 233 | 90,4 | 3,5 | 6,30 | 7,7 | 15,0 | 10,1 | 15,0 | | | |
| | 249 | 84,4 | 3,6 | 5,88 | 7,5 | 15,0 | 9,9 | 15,0 | | | |



* ⇨A8

# 2,20 kW
# 3,00 kW

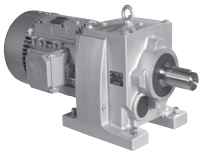
IE3



DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2,20** | 127 | 166 | 1,1 | 11,55 | 2,4 | 10,2 | 6,5 | 10,2 | **SK 372.1 - 100 LP/4** | 35 | B46 |
| | 143 | 147 | 1,3 | 10,28 | 2,5 | 10,2 | 6,3 | 10,2 | | | |
| | 156 | 135 | 1,4 | 9,40 | 2,8 | 10,2 | 6,2 | 10,2 | | | |
| | 178 | 118 | 1,5 | 8,22 | 2,9 | 10,2 | 6,0 | 10,2 | | | |
| | 203 | 104 | 1,6 | 7,23 | 3,1 | 10,2 | 5,8 | 10,2 | | | |
| | 213 | 98,8 | 1,7 | 6,89 | 3,1 | 10,2 | 5,8 | 10,2 | | | |
| | 223 | 94,4 | 1,7 | 6,58 | 3,2 | 10,2 | 5,7 | 10,2 | | | |
| | 246 | 85,3 | 1,9 | 5,95 | 3,2 | 10,1 | 5,5 | 10,1 | | | |
| | 279 | 75,2 | 2,1 | 5,24 | 3,2 | 9,7 | 5,3 | 9,7 | | | |
| | 314 | 66,9 | 2,1 | 4,66 | 3,2 | 9,4 | 5,2 | 9,4 | | | |
| | 350 | 60,0 | 2,2 | 4,18 | 3,2 | 9,1 | 5,0 | 9,1 | | | |
| | 388 | 54,1 | 2,2 | 3,78 | 3,1 | 8,8 | 4,8 | 8,8 | | | |
| | 428 | 49,1 | 2,2 | 3,43 | 3,1 | 8,6 | 4,7 | 8,6 | | | |
| | 469 | 44,8 | 2,2 | 3,12 | 3,1 | 8,3 | 4,6 | 8,3 | | | |
| | 513 | 41,0 | 2,2 | 2,86 | 3,0 | 8,0 | 4,5 | 8,0 | | | |
| | 558 | 37,6 | 2,4 | 2,62 | 3,0 | 7,7 | 4,3 | 7,7 | | | |
| **3,00** | 7,4 | 3875 | 0,9 | 197,50 | 20,5 | 22,0 | 28,8 | 40,0 | **SK 973.1 - 100 AP/4** | 136 | B59 |
| | 8,1 | 3518 | 0,9 | 179,32 | 22,5 | 22,0 | 29,3 | 40,0 | | | |
| | 8,4 | 3406 | 0,9 | 173,58 | 22,9 | 22,0 | 29,5 | 40,0 | | | |
| | 9,3 | 3092 | 1,0 | 157,60 | 23,7 | 22,0 | 30,0 | 40,0 | | | |
| | 11 | 2599 | 1,3 | 132,45 | 25,0 | 22,0 | 30,6 | 40,0 | | | |
| | 12 | 2360 | 1,4 | 120,26 | 25,5 | 22,0 | 30,9 | 40,0 | | | |
| | 14 | 2065 | 1,5 | 105,23 | 26,1 | 22,0 | 31,3 | 40,0 | | | |
| | 15 | 1863 | 1,8 | 94,96 | 26,5 | 22,0 | 31,5 | 40,0 | | | |
| | 17 | 1692 | 2,0 | 86,22 | 26,8 | 22,0 | 31,6 | 40,0 | | | |
| | 19 | 1514 | 2,2 | 77,16 | 27,1 | 22,0 | 31,8 | 40,0 | | | |
| | 21 | 1344 | 2,5 | 68,50 | 27,4 | 22,0 | 31,9 | 40,0 | | | |
| | 22 | 1295 | 2,5 | 65,98 | 27,5 | 22,0 | 32,0 | 40,0 | | | |
| | 24 | 1176 | 2,7 | 59,91 | 27,6 | 22,0 | 32,0 | 40,0 | | | |
| | 26 | 1092 | 2,9 | 55,66 | 27,7 | 22,0 | 32,1 | 40,0 | | | |
| | 28 | 1027 | 3,1 | 52,32 | 27,8 | 22,0 | 32,1 | 40,0 | | | |
| | 31 | 934 | 3,4 | 47,60 | 28,0 | 22,0 | 32,2 | 40,0 | | | |
| | 34 | 834 | 3,8 | 42,51 | 28,1 | 22,0 | 32,3 | 40,0 | | | |
| | 14 | 1982 | 0,9 | 101,02 | 12,5 | 18,0 | 22,8 | 30,0 | **SK 873.1 - 100 AP/4** | 96 | B57 |
| | 16 | 1794 | 0,9 | 91,43 | 14,7 | 18,0 | 24,0 | 30,0 | | | |
| | 18 | 1630 | 1,0 | 83,08 | 15,8 | 18,0 | 24,7 | 30,0 | | | |
| | 20 | 1458 | 1,2 | 74,29 | 16,7 | 18,0 | 25,0 | 30,0 | | | |
| | 22 | 1324 | 1,3 | 67,50 | 17,4 | 18,0 | 25,0 | 30,0 | | | |
| | 24 | 1198 | 1,4 | 61,07 | 17,9 | 18,0 | 25,0 | 30,0 | | | |
| | 26 | 1086 | 1,6 | 55,35 | 17,9 | 18,0 | 25,0 | 30,0 | | | |
| | 29 | 987 | 1,7 | 50,32 | 17,5 | 18,0 | 25,0 | 30,0 | | | |
| | 32 | 893 | 1,9 | 45,53 | 17,1 | 18,0 | 25,0 | 30,0 | | | |
| | 37 | 779 | 2,2 | 39,68 | 16,6 | 18,0 | 25,0 | 30,0 | | | |
| | 41 | 699 | 2,4 | 35,63 | 16,2 | 18,0 | 25,0 | 30,0 | | | |
| | 45 | 633 | 2,7 | 32,24 | 15,8 | 18,0 | 25,0 | 30,0 | | | |
| | 48 | 598 | 2,8 | 30,47 | 15,6 | 18,0 | 25,0 | 30,0 | | | |
| | 53 | 541 | 3,0 | 27,57 | 15,2 | 18,0 | 25,0 | 30,0 | | | |
| | 56 | 509 | 3,2 | 25,69 | 15,0 | 18,0 | 25,0 | 30,0 | | | |
| | 62 | 461 | 3,6 | 23,49 | 14,6 | 18,0 | 25,0 | 30,0 | | | |
| | 34 | 837 | 1,7 | 42,67 | 16,9 | 18,0 | 25,0 | 30,0 | **SK 872.1 - 100 AP/4** | 94 | B56 |
| | 38 | 761 | 1,7 | 38,77 | 16,5 | 18,0 | 25,0 | 30,0 | | | |
| | 42 | 688 | 1,7 | 35,08 | 16,1 | 18,0 | 25,0 | 30,0 | | | |
| | 25 | 1131 | 0,8 | 57,64 | 6,1 | 7,5 | 14,2 | 17,2 | **SK 773.1 - 100 AP/4** | 62 | B55 |
| | 28 | 1007 | 0,8 | 51,31 | 6,9 | 8,2 | 14,4 | 17,4 | | | |
| | 31 | 934 | 0,9 | 47,61 | 7,1 | 8,3 | 14,3 | 17,3 | | | |
| | 34 | 852 | 1,0 | 43,43 | 7,6 | 8,6 | 14,4 | 17,4 | | | |
| | 37 | 766 | 1,1 | 39,06 | 8,3 | 9,0 | 14,5 | 17,6 | | | |
| | 41 | 702 | 1,2 | 35,77 | 8,2 | 9,0 | 14,4 | 17,4 | | | |
| | 46 | 625 | 1,3 | 31,83 | 8,1 | 9,0 | 14,3 | 17,3 | | | |
| | 51 | 562 | 1,5 | 28,63 | 8,0 | 9,0 | 14,3 | 17,3 | | | |
| | 57 | 498 | 1,6 | 25,39 | 7,9 | 9,0 | 14,1 | 17,1 | | | |
| | 60 | 475 | 1,6 | 24,23 | 7,8 | 9,0 | 14,0 | 16,9 | | | |
| | 68 | 422 | 1,8 | 21,49 | 7,6 | 9,0 | 13,8 | 16,7 | | | |



IE3

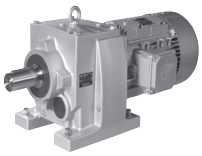
# 3,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 54 | 527 | 1,6 | 26,86 | 8,0 | 9,0 | 14,3 | 17,3 | **SK 772.1 - 100 AP/4** | 60 | B54 |
| | 60 | 479 | 1,7 | 24,41 | 7,8 | 9,0 | 14,1 | 17,1 | | | |
| | 72 | 399 | 2,1 | 20,31 | 7,6 | 9,0 | 13,8 | 16,7 | | | |
| | 79 | 362 | 2,2 | 18,46 | 7,4 | 9,0 | 13,6 | 16,4 | | | |
| | 88 | 327 | 2,4 | 16,66 | 7,2 | 9,0 | 13,3 | 16,2 | | | |
| | 93 | 307 | 2,5 | 15,62 | 7,1 | 9,0 | 13,1 | 15,9 | | | |
| | 35 | 815 | 0,8 | 41,54 | 6,6 | 20,0 | 13,1 | 20,0 | **SK 673.1 - 100 AP/4** | 49 | B53 |
| | 39 | 731 | 0,9 | 37,23 | 7,9 | 20,0 | 13,7 | 20,0 | | | |
| | 43 | 670 | 0,9 | 34,12 | 8,6 | 20,0 | 14,2 | 20,0 | | | |
| | 47 | 607 | 0,9 | 30,92 | 9,2 | 20,0 | 14,5 | 20,0 | | | |
| | 53 | 542 | 1,0 | 27,61 | 9,7 | 20,0 | 14,9 | 20,0 | | | |
| | 58 | 494 | 1,0 | 25,19 | 10,1 | 20,0 | 15,0 | 20,0 | | | |
| | 64 | 448 | 1,0 | 22,82 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 45 | 639 | 1,0 | 32,58 | 8,9 | 20,0 | 14,4 | 20,0 | **SK 672.1 - 100 AP/4** | 48 | B52 |
| | 50 | 571 | 1,0 | 29,08 | 9,5 | 20,0 | 14,7 | 20,0 | | | |
| | 56 | 515 | 1,2 | 26,23 | 9,9 | 20,0 | 15,0 | 20,0 | | | |
| | 62 | 459 | 1,3 | 23,41 | 10,3 | 20,0 | 15,0 | 20,0 | | | |
| | 71 | 405 | 1,5 | 20,62 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 79 | 361 | 1,7 | 18,41 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 85 | 338 | 1,8 | 17,25 | 10,9 | 20,0 | 15,0 | 20,0 | | | |
| | 95 | 301 | 2,0 | 15,35 | 11,1 | 20,0 | 15,0 | 20,0 | | | |
| | 107 | 269 | 2,2 | 13,70 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 116 | 246 | 2,3 | 12,56 | 11,2 | 20,0 | 15,0 | 20,0 | | | |
| | 128 | 223 | 2,6 | 11,38 | 11,3 | 20,0 | 15,0 | 20,0 | | | |
| | 141 | 203 | 2,8 | 10,37 | 11,4 | 20,0 | 14,8 | 20,0 | | | |
| | 55 | 525 | 0,8 | 26,77 | 4,1 | 14,5 | 11,0 | 14,5 | **SK 573.1* - 100 AP/4** | 43 | B49, B51 |
| | 61 | 467 | 0,9 | 23,79 | 4,6 | 14,5 | 11,0 | 14,5 | | | |
| | 68 | 418 | 1,0 | 21,32 | 4,9 | 14,5 | 11,0 | 14,5 | | | |
| | 76 | 377 | 1,1 | 19,22 | 5,2 | 14,5 | 11,0 | 14,5 | | | |
| | 84 | 342 | 1,3 | 17,42 | 5,3 | 14,5 | 11,0 | 14,5 | | | |
| | 59 | 482 | 0,9 | 24,58 | 4,6 | 15,0 | 11,0 | 15,0 | **SK 572.1* - 100 AP/4** | 42 | B48, B50 |
| | 67 | 429 | 1,0 | 21,85 | 5,0 | 15,0 | 11,0 | 15,0 | | | |
| | 75 | 384 | 1,0 | 19,57 | 6,0 | 15,0 | 11,0 | 15,0 | | | |
| | 89 | 323 | 1,2 | 16,46 | 6,4 | 15,0 | 11,0 | 15,0 | | | |
| | 95 | 302 | 1,4 | 15,38 | 6,4 | 15,0 | 11,0 | 15,0 | | | |
| | 107 | 268 | 1,5 | 13,67 | 6,5 | 15,0 | 11,0 | 15,0 | | | |
| | 115 | 249 | 1,7 | 12,68 | 6,7 | 15,0 | 11,0 | 15,0 | | | |
| | 130 | 221 | 1,9 | 11,25 | 6,8 | 15,0 | 11,0 | 15,0 | | | |
| | 145 | 197 | 2,0 | 10,04 | 6,9 | 15,0 | 11,0 | 15,0 | | | |
| | 164 | 175 | 2,1 | 8,92 | 6,9 | 15,0 | 11,0 | 15,0 | | | |
| | 179 | 160 | 2,3 | 8,15 | 7,1 | 15,0 | 10,8 | 15,0 | | | |
| | 195 | 147 | 2,4 | 7,49 | 7,1 | 15,0 | 10,5 | 15,0 | | | |
| | 232 | 124 | 2,6 | 6,30 | 7,0 | 15,0 | 10,0 | 15,0 | | | |
| | 248 | 115 | 2,6 | 5,88 | 6,9 | 15,0 | 9,8 | 15,0 | | | |
| | 279 | 103 | 2,6 | 5,23 | 6,7 | 15,0 | 9,4 | 15,0 | | | |
| | 312 | 91,9 | 2,7 | 4,69 | 6,6 | 15,0 | 9,1 | 15,0 | | | |
| | 346 | 82,9 | 2,8 | 4,22 | 6,5 | 15,0 | 8,8 | 15,0 | | | |
| | 381 | 75,1 | 2,9 | 3,83 | 6,3 | 15,0 | 8,6 | 15,0 | | | |
| | 447 | 64,1 | 3,0 | 3,27 | 6,1 | 14,5 | 8,2 | 14,5 | | | |
| | 499 | 57,4 | 3,0 | 2,92 | 6,0 | 13,7 | 7,9 | 13,7 | | | |
| | 126 | 227 | 0,8 | 11,55 | 0,7 | 10,2 | 6,2 | 10,2 | **SK 372.1 - 100 AP/4** | 35 | B46 |
| | 142 | 202 | 0,9 | 10,28 | 1,0 | 10,2 | 6,0 | 10,2 | | | |
| | 155 | 184 | 1,0 | 9,40 | 1,4 | 10,2 | 5,9 | 10,2 | | | |
| | 178 | 161 | 1,1 | 8,22 | 1,8 | 10,2 | 5,8 | 10,2 | | | |
| | 202 | 142 | 1,2 | 7,23 | 2,0 | 10,1 | 5,6 | 10,1 | | | |
| | 212 | 135 | 1,3 | 6,89 | 2,2 | 10,1 | 5,6 | 10,1 | | | |
| | 222 | 129 | 1,2 | 6,58 | 2,3 | 10,0 | 5,5 | 10,0 | | | |
| | 245 | 117 | 1,4 | 5,95 | 2,4 | 9,7 | 5,4 | 9,7 | | | |
| | 279 | 103 | 1,6 | 5,24 | 2,5 | 9,4 | 5,2 | 9,4 | | | |
| | 313 | 91,5 | 1,5 | 4,66 | 2,5 | 9,1 | 5,0 | 9,1 | | | |
| | 349 | 82,1 | 1,6 | 4,18 | 2,6 | 8,9 | 4,9 | 8,9 | | | |
| | 387 | 74,1 | 1,6 | 3,78 | 2,6 | 8,6 | 4,7 | 8,6 | | | |
| | 426 | 67,2 | 1,6 | 3,43 | 2,6 | 8,4 | 4,6 | 8,4 | | | |
| | 467 | 61,3 | 1,6 | 3,12 | 2,6 | 8,1 | 4,5 | 8,1 | | | |
| | 511 | 56,1 | 1,6 | 2,86 | 2,6 | 7,8 | 4,4 | 7,8 | | | |
| | 556 | 51,5 | 1,7 | 2,62 | 2,6 | 7,5 | 4,3 | 7,5 | | | |

* ⇨📖A8

# 4,00 kW

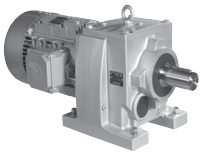
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,00 | 11 | 3513 | 0,9 | 132,45 | 22,8 | 22,0 | 29,5 | 40,0 | **SK 973.1 - 112 MP/4** | 143 | B59 |
| | 12 | 3190 | 1,0 | 120,26 | 23,7 | 22,0 | 30,0 | 40,0 | | | |
| | 14 | 2791 | 1,1 | 105,23 | 24,7 | 22,0 | 30,5 | 40,0 | | | |
| | 15 | 2519 | 1,3 | 94,96 | 25,3 | 22,0 | 30,8 | 40,0 | | | |
| | 17 | 2287 | 1,4 | 86,22 | 25,7 | 22,0 | 31,1 | 40,0 | | | |
| | 19 | 2047 | 1,6 | 77,16 | 26,2 | 22,0 | 31,3 | 40,0 | | | |
| | 21 | 1817 | 1,8 | 68,50 | 26,6 | 22,0 | 31,5 | 40,0 | | | |
| | 22 | 1750 | 1,8 | 65,98 | 26,8 | 22,0 | 31,6 | 40,0 | | | |
| | 24 | 1589 | 2,0 | 59,91 | 27,0 | 22,0 | 31,7 | 40,0 | | | |
| | 26 | 1476 | 2,2 | 55,66 | 27,2 | 22,0 | 31,8 | 40,0 | | | |
| | 28 | 1388 | 2,3 | 52,32 | 27,3 | 22,0 | 31,9 | 40,0 | | | |
| | 30 | 1263 | 2,5 | 47,60 | 27,5 | 22,0 | 32,0 | 40,0 | | | |
| | 34 | 1134 | 2,6 | 42,76 | 27,8 | 22,0 | 32,1 | 40,0 | **SK 972.1 - 112 MP/4** | 141 | B58 |
| | 17 | 2204 | 0,8 | 83,08 | 11,6 | 18,0 | 22,3 | 30,0 | **SK 873.1 - 112 MP/4** | 104 | B57 |
| | 19 | 1970 | 0,9 | 74,29 | 13,7 | 18,0 | 23,4 | 30,0 | | | |
| | 21 | 1790 | 0,9 | 67,50 | 15,0 | 18,0 | 24,2 | 30,0 | | | |
| | 24 | 1620 | 1,0 | 61,07 | 16,1 | 18,0 | 24,9 | 30,0 | | | |
| | 26 | 1468 | 1,2 | 55,35 | 16,7 | 18,0 | 25,0 | 30,0 | | | |
| | 29 | 1335 | 1,3 | 50,32 | 16,4 | 18,0 | 25,0 | 30,0 | | | |
| | 32 | 1208 | 1,4 | 45,53 | 16,1 | 18,0 | 25,0 | 30,0 | | | |
| | 36 | 1053 | 1,6 | 39,68 | 15,7 | 18,0 | 25,0 | 30,0 | | | |
| | 40 | 945 | 1,8 | 35,63 | 15,4 | 18,0 | 25,0 | 30,0 | | | |
| | 45 | 855 | 2,0 | 32,24 | 15,1 | 18,0 | 25,0 | 30,0 | | | |
| | 47 | 808 | 2,1 | 30,47 | 14,9 | 18,0 | 25,0 | 30,0 | | | |
| | 34 | 1132 | 1,2 | 42,67 | 16,0 | 18,0 | 25,0 | 30,0 | **SK 872.1 - 112 MP/4** | 102 | B56 |
| | 37 | 1028 | 1,3 | 38,77 | 15,7 | 18,0 | 25,0 | 30,0 | | | |
| | 41 | 930 | 1,3 | 35,08 | 15,4 | 18,0 | 25,0 | 30,0 | | | |
| | 45 | 849 | 1,9 | 32,00 | 15,1 | 18,0 | 25,0 | 30,0 | | | |
| | 50 | 771 | 2,0 | 29,08 | 14,8 | 18,0 | 25,0 | 30,0 | | | |
| | 77 | 495 | 3,1 | 18,67 | 13,3 | 18,0 | 23,6 | 30,0 | | | |
| | 85 | 450 | 3,4 | 16,96 | 12,9 | 18,0 | 23,0 | 30,0 | | | |
| | 95 | 403 | 3,7 | 15,18 | 12,6 | 18,0 | 22,3 | 30,0 | | | |
| | 104 | 366 | 4,0 | 13,79 | 12,2 | 18,0 | 21,8 | 30,0 | | | |
| | 33 | 1152 | 0,8 | 43,43 | 4,0 | 5,5 | 12,1 | 14,7 | **SK 773.1 - 112 MP/4** | 69 | B55 |
| | 37 | 1036 | 0,8 | 39,06 | 5,1 | 6,4 | 12,5 | 15,2 | | | |
| | 40 | 949 | 0,9 | 35,77 | 5,4 | 6,6 | 12,5 | 15,2 | | | |
| | 45 | 844 | 1,0 | 31,83 | 6,1 | 7,1 | 12,7 | 15,3 | | | |
| | 50 | 759 | 1,1 | 28,63 | 6,8 | 7,6 | 12,8 | 15,5 | | | |
| | 57 | 674 | 1,2 | 25,39 | 7,2 | 8,0 | 12,8 | 15,5 | | | |
| | 59 | 643 | 1,2 | 24,23 | 7,1 | 7,9 | 12,7 | 15,4 | | | |
| | 67 | 570 | 1,3 | 21,49 | 7,0 | 8,1 | 12,7 | 15,3 | | | |
| | 54 | 712 | 1,2 | 26,86 | 7,1 | 7,9 | 12,9 | 15,6 | **SK 772.1 - 112 MP/4** | 68 | B54 |
| | 59 | 648 | 1,3 | 24,41 | 7,2 | 8,0 | 12,8 | 15,5 | | | |
| | 71 | 539 | 1,5 | 20,31 | 7,0 | 8,4 | 12,8 | 15,4 | | | |
| | 78 | 490 | 1,6 | 18,46 | 6,9 | 8,4 | 12,6 | 15,3 | | | |
| | 86 | 442 | 1,7 | 16,66 | 6,8 | 8,5 | 12,5 | 15,1 | | | |
| | 92 | 414 | 1,8 | 15,62 | 6,7 | 8,4 | 12,3 | 14,9 | | | |
| | 100 | 381 | 1,9 | 14,38 | 6,6 | 8,6 | 12,3 | 14,9 | | | |
| | 110 | 347 | 2,0 | 13,07 | 6,5 | 8,5 | 12,1 | 14,6 | | | |
| | 123 | 309 | 2,2 | 11,67 | 6,4 | 8,5 | 11,9 | 14,4 | | | |
| | 130 | 293 | 2,4 | 11,06 | 6,3 | 8,3 | 11,7 | 14,2 | | | |
| | 136 | 281 | 2,4 | 10,60 | 6,2 | 8,4 | 11,7 | 14,2 | | | |
| | 70 | 547 | 1,1 | 20,62 | 9,8 | 20,0 | 14,9 | 20,0 | **SK 672.1 - 112 MP/4** | 56 | B52 |
| | 78 | 488 | 1,2 | 18,41 | 10,2 | 20,0 | 15,0 | 20,0 | | | |
| | 83 | 458 | 1,3 | 17,25 | 10,4 | 20,0 | 15,0 | 20,0 | | | |
| | 94 | 407 | 1,5 | 15,35 | 10,6 | 20,0 | 15,0 | 20,0 | | | |
| | 105 | 364 | 1,6 | 13,70 | 10,8 | 20,0 | 15,0 | 20,0 | | | |
| | 115 | 333 | 1,7 | 12,56 | 11,0 | 20,0 | 15,0 | 20,0 | | | |
| | 127 | 302 | 1,9 | 11,38 | 11,1 | 20,0 | 14,8 | 20,0 | | | |
| | 139 | 275 | 2,1 | 10,37 | 11,2 | 20,0 | 14,4 | 20,0 | | | |
| | 156 | 245 | 2,2 | 9,25 | 11,3 | 20,0 | 14,0 | 20,0 | | | |
| | 166 | 230 | 2,3 | 8,66 | 11,3 | 20,0 | 13,7 | 20,0 | | | |
| | 170 | 225 | 2,4 | 8,48 | 11,3 | 20,0 | 13,6 | 20,0 | | | |
| | 187 | 204 | 2,6 | 7,68 | 11,4 | 20,0 | 13,2 | 20,0 | | | |



IE3

# 4,00 kW
# 5,50 kW

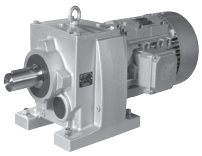


| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm ⊢⊣ 🕮 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4,00** | 213 | 179 | 2,9 | 6,75 | 11,4 | 20,0 | 12,8 | 20,0 | **SK 672.1 - 112 MP/4** | 56 | B52 |
| | 235 | 162 | 3,1 | 6,12 | 11,4 | 20,0 | 12,4 | 20,0 | | | |
| | 258 | 148 | 3,3 | 5,59 | 11,5 | 20,0 | 12,1 | 20,0 | | | |
| | 285 | 134 | 3,6 | 5,06 | 11,5 | 19,9 | 11,7 | 19,9 | | | |
| | 206 | 185 | 2,9 | 8,48 | 10,9 | 20,0 | 12,6 | 20,0 | | | |
| | 68 | 565 | 0,8 | 21,32 | 1,8 | 14,5 | 8,5 | 14,5 | **SK 573.1* - 112 MP/4** | 50 | B49, B51 |
| | 75 | 510 | 0,8 | 19,22 | 2,3 | 14,5 | 8,9 | 14,5 | | | |
| | 83 | 462 | 0,9 | 17,42 | 2,7 | 14,5 | 9,1 | 14,5 | | | |
| | 74 | 519 | 0,8 | 19,57 | 3,4 | 15,0 | 10,0 | 15,0 | **SK 572.1* - 112 MP/4** | 50 | B48, B50 |
| | 87 | 437 | 0,9 | 16,46 | 4,1 | 15,0 | 10,5 | 15,0 | | | |
| | 94 | 408 | 1,1 | 15,38 | 4,2 | 15,0 | 10,4 | 15,0 | | | |
| | 105 | 363 | 1,1 | 13,67 | 4,5 | 15,0 | 10,6 | 15,0 | | | |
| | 114 | 336 | 1,3 | 12,68 | 4,9 | 15,0 | 10,9 | 15,0 | | | |
| | 128 | 298 | 1,4 | 11,25 | 5,3 | 15,0 | 11,0 | 15,0 | | | |
| | 143 | 266 | 1,5 | 10,04 | 5,5 | 15,0 | 11,0 | 15,0 | | | |
| | 161 | 237 | 1,6 | 8,92 | 5,6 | 15,0 | 10,7 | 15,0 | | | |
| | 177 | 216 | 1,7 | 8,15 | 6,0 | 15,0 | 10,5 | 15,0 | | | |
| | 192 | 199 | 1,8 | 7,49 | 6,1 | 15,0 | 10,3 | 15,0 | | | |
| | 229 | 167 | 1,9 | 6,30 | 6,1 | 15,0 | 9,8 | 15,0 | | | |
| | 245 | 156 | 1,9 | 5,88 | 6,0 | 15,0 | 9,6 | 15,0 | | | |
| | 275 | 139 | 1,9 | 5,23 | 6,0 | 15,0 | 9,2 | 15,0 | | | |
| | 307 | 124 | 2,0 | 4,69 | 5,9 | 15,0 | 8,9 | 15,0 | | | |
| | 341 | 112 | 2,1 | 4,22 | 5,8 | 15,0 | 8,7 | 15,0 | | | |
| | 376 | 102 | 2,2 | 3,83 | 5,7 | 15,0 | 8,4 | 15,0 | | | |
| | 440 | 86,7 | 2,2 | 3,27 | 5,6 | 14,2 | 8,0 | 14,2 | | | |
| | 493 | 77,5 | 2,2 | 2,92 | 5,5 | 13,4 | 7,7 | 13,4 | | | |
| **5,50** | 12 | 4311 | 0,8 | 120,26 | 17,2 | 22,0 | 28,1 | 40,0 | **SK 973.1 - 132 SP/4** | 162 | B59 |
| | 14 | 3773 | 0,8 | 105,23 | 21,9 | 22,0 | 29,1 | 40,0 | | | |
| | 15 | 3404 | 1,0 | 94,96 | 23,1 | 22,0 | 29,6 | 40,0 | | | |
| | 17 | 3091 | 1,1 | 86,22 | 23,9 | 22,0 | 30,1 | 40,0 | | | |
| | 19 | 2766 | 1,2 | 77,16 | 24,7 | 22,0 | 30,5 | 40,0 | | | |
| | 21 | 2456 | 1,3 | 68,50 | 25,4 | 22,0 | 30,9 | 40,0 | | | |
| | 22 | 2366 | 1,4 | 65,98 | 25,6 | 22,0 | 31,0 | 40,0 | | | |
| | 24 | 2148 | 1,5 | 59,91 | 26,0 | 22,0 | 31,2 | 40,0 | | | |
| | 26 | 1995 | 1,6 | 55,66 | 26,2 | 22,0 | 31,4 | 40,0 | | | |
| | 28 | 1876 | 1,7 | 52,32 | 26,3 | 22,0 | 31,5 | 40,0 | | | |
| | 31 | 1706 | 1,9 | 47,60 | 26,4 | 22,0 | 31,6 | 40,0 | | | |
| | 34 | 1524 | 2,1 | 42,51 | 26,4 | 22,0 | 31,8 | 40,0 | | | |
| | 34 | 1533 | 1,9 | 42,76 | 26,9 | 22,0 | 31,8 | 40,0 | **SK 972.1 - 132 SP/4** | 160 | B58 |
| | 39 | 1333 | 2,2 | 37,19 | 26,7 | 22,0 | 32,0 | 40,0 | | | |
| | 44 | 1196 | 2,4 | 33,36 | 26,2 | 22,0 | 32,0 | 40,0 | | | |
| | 48 | 1086 | 2,6 | 30,29 | 25,8 | 22,0 | 32,1 | 40,0 | | | |
| | 53 | 991 | 2,6 | 27,66 | 25,4 | 22,0 | 32,2 | 40,0 | | | |
| | 24 | 2189 | 0,8 | 61,07 | 11,7 | 17,1 | 22,3 | 30,0 | **SK 873.1 - 132 SP/4** | 124 | B57 |
| | 26 | 1984 | 0,9 | 55,35 | 13,6 | 17,8 | 23,4 | 30,0 | | | |
| | 29 | 1804 | 0,9 | 50,32 | 14,8 | 18,0 | 24,2 | 30,0 | | | |
| | 32 | 1632 | 1,0 | 45,53 | 14,7 | 18,0 | 24,8 | 30,0 | | | |
| | 37 | 1423 | 1,2 | 39,68 | 14,5 | 18,0 | 25,0 | 30,0 | | | |
| | 41 | 1277 | 1,3 | 35,63 | 14,3 | 18,0 | 25,0 | 30,0 | | | |
| | 45 | 1156 | 1,5 | 32,24 | 14,0 | 18,0 | 25,0 | 30,0 | | | |
| | 48 | 1092 | 1,5 | 30,47 | 13,9 | 18,0 | 25,0 | 30,0 | | | |
| | 53 | 988 | 1,7 | 27,57 | 13,7 | 18,0 | 25,0 | 30,0 | | | |
| | 56 | 931 | 1,8 | 25,69 | 13,5 | 18,0 | 24,9 | 30,0 | | | |
| | 62 | 842 | 2,0 | 23,49 | 13,3 | 18,0 | 24,3 | 30,0 | | | |
| | 69 | 766 | 2,1 | 21,38 | 13,0 | 18,0 | 23,8 | 30,0 | | | |
| | 76 | 693 | 2,3 | 19,34 | 12,7 | 18,0 | 23,2 | 30,0 | | | |
| | 34 | 1530 | 0,9 | 42,67 | 14,7 | 18,0 | 25,0 | 30,0 | **SK 872.1 - 132 SP/4** | 122 | B56 |
| | 38 | 1390 | 0,9 | 38,77 | 14,4 | 18,0 | 25,0 | 30,0 | | | |
| | 42 | 1258 | 1,0 | 35,08 | 14,2 | 18,0 | 25,0 | 30,0 | | | |
| | 46 | 1147 | 1,4 | 32,00 | 14,1 | 18,0 | 25,0 | 30,0 | | | |
| | 50 | 1042 | 1,5 | 29,08 | 13,8 | 18,0 | 25,0 | 30,0 | | | |
| | 52 | 1004 | 1,6 | 28,00 | 13,8 | 18,0 | 25,0 | 30,0 | | | |
| | 58 | 912 | 1,8 | 25,44 | 13,5 | 18,0 | 24,7 | 30,0 | | | |
| | 64 | 825 | 1,9 | 23,02 | 13,2 | 18,0 | 24,2 | 30,0 | | | |

* ⇨🕮A8

# 5,50 kW

IE3

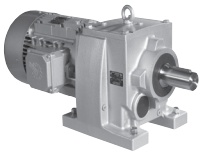


NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm 📖 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,50 | 78 | 669 | 2,3 | 18,67 | 12,7 | 18,0 | 23,0 | 30,0 | **SK 872.1 - 132 SP/4** | 122 | B56 |
| | 86 | 608 | 2,5 | 16,96 | 12,4 | 18,0 | 22,5 | 30,0 | | | |
| | 97 | 544 | 2,7 | 15,18 | 12,1 | 18,0 | 21,9 | 29,6 | | | |
| | 106 | 494 | 3,0 | 13,79 | 11,8 | 17,9 | 21,3 | 28,9 | | | |
| | 117 | 447 | 3,3 | 12,48 | 11,5 | 17,6 | 20,8 | 28,3 | | | |
| | 130 | 403 | 3,5 | 11,24 | 11,2 | 17,3 | 20,2 | 27,7 | | | |
| | 140 | 374 | 3,7 | 10,44 | 10,9 | 16,9 | 19,8 | 27,2 | | | |
| | 159 | 331 | 4,2 | 9,24 | 10,6 | 16,6 | 19,2 | 26,5 | | | |
| | 51 | 1026 | 0,8 | 28,63 | 3,3 | 4,6 | 10,7 | 12,9 | **SK 773.1 - 132 SP/4** | 88 | B55 |
| | 58 | 910 | 0,9 | 25,39 | 4,1 | 5,3 | 10,9 | 13,2 | | | |
| | 60 | 869 | 0,9 | 24,23 | 4,2 | 5,3 | 10,9 | 13,1 | | | |
| | 68 | 770 | 1,0 | 21,49 | 4,9 | 5,8 | 11,0 | 13,3 | | | |
| | 72 | 728 | 1,1 | 20,31 | 5,4 | 6,3 | 11,2 | 13,6 | **SK 772.1 - 132 SP/4** | 87 | B54 |
| | 79 | 662 | 1,2 | 18,46 | 5,7 | 6,4 | 11,2 | 13,6 | | | |
| | 88 | 597 | 1,3 | 16,66 | 6,0 | 6,7 | 11,2 | 13,6 | | | |
| | 94 | 560 | 1,4 | 15,62 | 6,1 | 6,7 | 11,1 | 13,4 | | | |
| | 102 | 515 | 1,4 | 14,38 | 6,1 | 7,0 | 11,2 | 13,6 | | | |
| | 112 | 468 | 1,5 | 13,07 | 6,0 | 7,1 | 11,1 | 13,4 | | | |
| | 126 | 418 | 1,6 | 11,67 | 5,9 | 7,2 | 11,0 | 13,3 | | | |
| | 132 | 396 | 1,7 | 11,06 | 5,8 | 7,1 | 10,9 | 13,1 | | | |
| | 138 | 380 | 1,8 | 10,60 | 5,8 | 7,2 | 10,9 | 13,2 | | | |
| | 146 | 359 | 1,9 | 10,00 | 5,7 | 7,1 | 10,7 | 12,9 | | | |
| | 163 | 322 | 2,1 | 8,97 | 5,6 | 7,2 | 10,6 | 12,8 | | | |
| | 180 | 291 | 2,2 | 8,12 | 5,5 | 7,1 | 10,4 | 12,6 | | | |
| | 192 | 274 | 2,3 | 7,63 | 5,4 | 6,9 | 10,2 | 12,3 | | | |
| | 95 | 550 | 1,1 | 15,35 | 9,7 | 20,0 | 14,9 | 20,0 | **SK 672.1 - 132 SP/4** | 75 | B52 |
| | 107 | 491 | 1,2 | 13,70 | 10,1 | 20,0 | 14,9 | 20,0 | | | |
| | 117 | 450 | 1,3 | 12,56 | 10,4 | 20,0 | 14,6 | 20,0 | | | |
| | 129 | 408 | 1,4 | 11,38 | 10,6 | 20,0 | 14,2 | 20,0 | | | |
| | 141 | 372 | 1,5 | 10,37 | 10,8 | 20,0 | 13,9 | 20,0 | | | |
| | 158 | 332 | 1,6 | 9,25 | 11,0 | 20,0 | 13,5 | 20,0 | | | |
| | 169 | 311 | 1,7 | 8,66 | 11,0 | 20,0 | 13,3 | 20,0 | | | |
| | 173 | 304 | 1,7 | 8,48 | 11,1 | 20,0 | 13,2 | 20,0 | | | |
| | 191 | 275 | 1,9 | 7,68 | 11,2 | 20,0 | 12,8 | 20,0 | | | |
| | 217 | 242 | 2,1 | 6,75 | 11,3 | 20,0 | 12,4 | 20,0 | | | |
| | 240 | 219 | 2,3 | 6,12 | 11,3 | 20,0 | 12,1 | 20,0 | | | |
| | 262 | 200 | 2,4 | 5,59 | 11,4 | 20,0 | 11,8 | 20,0 | | | |
| | 289 | 181 | 2,6 | 5,06 | 11,4 | 19,4 | 11,4 | 19,4 | | | |
| | 318 | 165 | 2,7 | 4,61 | 11,1 | 18,9 | 11,1 | 18,9 | | | |
| | 347 | 151 | 2,8 | 4,22 | 10,8 | 18,4 | 10,8 | 18,4 | | | |
| | 378 | 139 | 2,9 | 3,88 | 10,6 | 17,9 | 10,6 | 17,9 | | | |
| | 409 | 128 | 2,8 | 3,58 | 10,3 | 17,3 | 10,3 | 17,3 | | | |
| | 443 | 119 | 2,9 | 3,31 | 10,1 | 16,6 | 10,1 | 16,6 | | | |
| | 477 | 110 | 2,9 | 3,07 | 9,8 | 16,0 | 9,8 | 16,0 | | | |
| | 513 | 102 | 2,9 | 2,86 | 9,6 | 15,5 | 9,6 | 15,5 | | | |
| | 551 | 95,4 | 2,9 | 2,66 | 9,4 | 15,0 | 9,4 | 15,0 | | | |
| | 130 | 403 | 1,0 | 11,25 | 2,9 | 15,0 | 8,7 | 15,0 | **SK 572.1* - 132 SP/4** | 70 | B48, B50 |
| | 146 | 360 | 1,1 | 10,04 | 3,4 | 15,0 | 9,1 | 15,0 | | | |
| | 164 | 320 | 1,2 | 8,92 | 3,7 | 15,0 | 9,2 | 15,0 | | | |
| | 180 | 292 | 1,2 | 8,15 | 4,3 | 15,0 | 9,7 | 15,0 | | | |
| | 196 | 269 | 1,3 | 7,49 | 4,6 | 15,0 | 9,9 | 15,0 | | | |
| | 233 | 226 | 1,4 | 6,30 | 4,8 | 15,0 | 9,5 | 15,0 | | | |
| | 249 | 211 | 1,4 | 5,88 | 4,8 | 15,0 | 9,3 | 15,0 | | | |
| | 280 | 188 | 1,4 | 5,23 | 4,9 | 15,0 | 9,0 | 15,0 | | | |
| | 313 | 168 | 1,5 | 4,69 | 4,9 | 15,0 | 8,7 | 15,0 | | | |
| | 347 | 151 | 1,5 | 4,22 | 4,9 | 15,0 | 8,4 | 15,0 | | | |
| | 383 | 137 | 1,6 | 3,83 | 4,9 | 14,7 | 8,2 | 14,7 | | | |
| | 448 | 117 | 1,6 | 3,27 | 4,8 | 13,7 | 7,8 | 13,7 | | | |
| | 501 | 105 | 1,6 | 2,92 | 4,8 | 12,9 | 7,6 | 12,9 | | | |

* ⇨📖A8



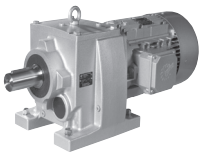
IE3

# 7,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,50 | 17 | 4230 | 0,8 | 86,22 | 14,8 | 18,6 | 28,3 | 40,0 | **SK 973.1 - 132 MP/4** | 170 | B59 |
| | 19 | 3785 | 0,9 | 77,16 | 17,0 | 20,4 | 29,1 | 40,0 | | | |
| | 21 | 3360 | 1,0 | 68,50 | 18,2 | 21,2 | 29,7 | 40,0 | | | |
| | 22 | 3237 | 1,0 | 65,98 | 19,0 | 21,9 | 29,9 | 40,0 | | | |
| | 24 | 2939 | 1,1 | 59,91 | 19,7 | 22,0 | 30,3 | 40,0 | | | |
| | 26 | 2730 | 1,2 | 55,66 | 20,3 | 22,0 | 30,6 | 40,0 | | | |
| | 28 | 2567 | 1,2 | 52,32 | 20,8 | 22,0 | 30,8 | 40,0 | | | |
| | 31 | 2335 | 1,4 | 47,60 | 21,3 | 22,0 | 31,0 | 40,0 | | | |
| | 34 | 2085 | 1,5 | 42,51 | 21,9 | 22,0 | 31,3 | 40,0 | | | |
| | 39 | 1833 | 1,7 | 37,36 | 22,3 | 22,0 | 31,5 | 40,0 | | | |
| | 41 | 1726 | 1,9 | 35,19 | 22,6 | 22,0 | 31,6 | 40,0 | | | |
| | 46 | 1567 | 2,0 | 31,95 | 22,6 | 22,0 | 31,8 | 40,0 | | | |
| | 47 | 1519 | 2,0 | 30,97 | 22,6 | 22,0 | 31,8 | 40,0 | | | |
| | 54 | 1335 | 2,2 | 27,22 | 22,6 | 22,0 | 31,9 | 40,0 | | | |
| | 57 | 1251 | 2,4 | 25,51 | 22,6 | 22,0 | 32,0 | 40,0 | | | |
| | 34 | 2097 | 1,4 | 42,76 | 22,5 | 22,0 | 31,3 | 40,0 | **SK 972.1 - 132 MP/4** | 168 | B58 |
| | 39 | 1824 | 1,6 | 37,19 | 22,9 | 22,0 | 31,5 | 40,0 | | | |
| | 44 | 1636 | 1,8 | 33,36 | 22,7 | 22,0 | 31,7 | 40,0 | | | |
| | 48 | 1486 | 1,9 | 30,29 | 22,6 | 22,0 | 31,8 | 40,0 | | | |
| | 53 | 1357 | 1,9 | 27,66 | 22,5 | 22,0 | 31,9 | 40,0 | | | |
| | 63 | 1137 | 2,0 | 23,19 | 22,1 | 22,0 | 32,1 | 40,0 | | | |
| | 66 | 1079 | 2,6 | 21,99 | 22,7 | 22,0 | 32,1 | 40,0 | | | |
| | 74 | 968 | 2,9 | 19,72 | 22,3 | 22,0 | 32,2 | 40,0 | | | |
| | 83 | 866 | 3,2 | 17,65 | 22,2 | 22,0 | 32,3 | 40,0 | | | |
| | 92 | 777 | 3,5 | 15,84 | 21,5 | 22,0 | 32,3 | 40,0 | | | |
| | 32 | 2233 | 0,8 | 45,53 | 11,3 | 13,4 | 22,1 | 29,6 | **SK 873.1 - 132 MP/4** | 130 | B57 |
| | 37 | 1946 | 0,9 | 39,68 | 12,8 | 14,5 | 23,6 | 29,9 | | | |
| | 41 | 1748 | 1,0 | 35,63 | 12,8 | 15,2 | 24,4 | 30,0 | | | |
| | 45 | 1582 | 1,1 | 32,24 | 12,7 | 15,6 | 24,4 | 30,0 | | | |
| | 48 | 1495 | 1,1 | 30,47 | 12,7 | 15,8 | 24,4 | 30,0 | | | |
| | 53 | 1352 | 1,2 | 27,57 | 12,5 | 16,1 | 24,2 | 29,9 | | | |
| | 56 | 1274 | 1,3 | 25,69 | 12,5 | 16,3 | 23,9 | 29,8 | | | |
| | 62 | 1152 | 1,4 | 23,49 | 12,3 | 16,4 | 23,4 | 29,5 | | | |
| | 68 | 1049 | 1,5 | 21,38 | 12,1 | 16,5 | 23,0 | 29,3 | | | |
| | 75 | 949 | 1,7 | 19,34 | 11,9 | 16,5 | 22,5 | 28,9 | | | |
| | 46 | 1570 | 1,0 | 32,00 | 12,8 | 15,9 | 24,6 | 30,0 | **SK 872.1 - 132 MP/4** | 128 | B56 |
| | 50 | 1426 | 1,1 | 29,08 | 12,6 | 16,0 | 24,4 | 30,0 | | | |
| | 52 | 1374 | 1,2 | 28,00 | 12,6 | 16,3 | 24,3 | 30,0 | | | |
| | 57 | 1248 | 1,3 | 25,44 | 12,4 | 16,3 | 23,8 | 29,8 | | | |
| | 63 | 1129 | 1,4 | 23,02 | 12,3 | 16,4 | 23,3 | 29,5 | | | |
| | 78 | 916 | 1,7 | 18,67 | 11,9 | 16,7 | 22,4 | 28,9 | | | |
| | 86 | 832 | 1,9 | 16,96 | 11,7 | 16,5 | 21,9 | 28,5 | | | |
| | 96 | 745 | 2,0 | 15,18 | 11,5 | 16,5 | 21,3 | 28,1 | | | |
| | 106 | 677 | 2,2 | 13,79 | 11,2 | 16,3 | 20,8 | 27,6 | | | |
| | 117 | 612 | 2,4 | 12,48 | 11,0 | 16,1 | 20,3 | 27,1 | | | |
| | 130 | 551 | 2,5 | 11,24 | 10,7 | 16,0 | 19,8 | 26,6 | | | |
| | 140 | 512 | 2,7 | 10,44 | 10,5 | 15,6 | 19,4 | 26,1 | | | |
| | 158 | 453 | 3,0 | 9,24 | 10,2 | 15,5 | 18,9 | 25,6 | | | |
| | 165 | 435 | 3,1 | 8,87 | 10,1 | 15,1 | 18,6 | 25,1 | | | |
| | 189 | 379 | 3,4 | 7,73 | 9,8 | 14,9 | 18,0 | 24,5 | | | |
| | 222 | 322 | 3,8 | 6,57 | 9,3 | 14,4 | 17,2 | 23,6 | | | |
| | 258 | 277 | 4,1 | 5,66 | 9,0 | 13,7 | 16,5 | 22,7 | | | |
| | 265 | 270 | 4,3 | 5,50 | 8,9 | 13,8 | 16,5 | 22,7 | | | |
| | 72 | 996 | 0,8 | 20,31 | 2,1 | 3,2 | 9,2 | 11,2 | **SK 772.1 - 132 MP/4** | 94 | B54 |
| | 79 | 906 | 0,9 | 18,46 | 2,7 | 3,7 | 9,3 | 11,3 | | | |
| | 88 | 817 | 0,9 | 16,66 | 3,3 | 4,3 | 9,5 | 11,5 | | | |
| | 93 | 766 | 1,0 | 15,62 | 3,5 | 4,3 | 9,5 | 11,5 | | | |
| | 102 | 705 | 1,0 | 14,38 | 4,2 | 5,0 | 9,8 | 11,8 | | | |
| | 112 | 641 | 1,1 | 13,07 | 4,5 | 5,2 | 9,8 | 11,8 | | | |
| | 125 | 572 | 1,2 | 11,67 | 5,0 | 5,6 | 9,9 | 11,9 | | | |
| | 132 | 542 | 1,3 | 11,06 | 4,9 | 5,5 | 9,7 | 11,8 | | | |
| | 138 | 520 | 1,3 | 10,60 | 5,1 | 5,7 | 9,8 | 11,9 | | | |
| | 146 | 491 | 1,4 | 10,00 | 5,1 | 5,6 | 9,6 | 11,7 | | | |
| | 163 | 440 | 1,5 | 8,97 | 5,2 | 5,8 | 9,7 | 11,7 | | | |
| | 180 | 398 | 1,6 | 8,12 | 5,1 | 5,8 | 9,6 | 11,6 | | | |
| | 191 | 374 | 1,7 | 7,63 | 5,0 | 5,5 | 9,3 | 11,3 | | | |
| | 220 | 325 | 1,8 | 6,63 | 5,0 | 6,1 | 9,7 | 11,7 | | | |
| | 236 | 304 | 1,9 | 6,19 | 4,8 | 5,6 | 9,2 | 11,1 | | | |
| | 271 | 264 | 2,2 | 5,38 | 4,8 | 6,0 | 9,4 | 11,4 | | | |
| | 310 | 231 | 2,4 | 4,71 | 4,6 | 5,7 | 9,0 | 10,9 | | | |

# 7,50 kW
# 9,20 kW

IE3

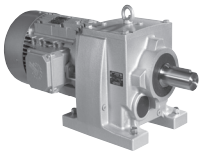


NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,50 | 95 | 753 | 0,8 | 15,35 | 7,8 | 20,0 | 13,7 | 20,0 | **SK 672.1 - 132 MP/4** | 82 | B52 |
| | 107 | 672 | 0,9 | 13,70 | 8,7 | 20,0 | 14,1 | 20,0 | | | |
| | 116 | 616 | 0,9 | 12,56 | 9,2 | 20,0 | 13,8 | 20,0 | | | |
| | 128 | 558 | 1,0 | 11,38 | 9,7 | 20,0 | 13,5 | 20,0 | | | |
| | 141 | 508 | 1,1 | 10,37 | 10,0 | 20,0 | 13,3 | 20,0 | | | |
| | 158 | 454 | 1,2 | 9,25 | 10,4 | 20,0 | 13,0 | 20,0 | | | |
| | 169 | 425 | 1,2 | 8,66 | 10,5 | 20,0 | 12,7 | 20,0 | | | |
| | 172 | 416 | 1,3 | 8,48 | 10,6 | 20,0 | 12,7 | 20,0 | | | |
| | 190 | 377 | 1,4 | 7,68 | 10,8 | 20,0 | 12,4 | 20,0 | | | |
| | 216 | 331 | 1,6 | 6,75 | 11,0 | 20,0 | 12,0 | 20,0 | | | |
| | 239 | 300 | 1,7 | 6,12 | 11,1 | 19,8 | 11,7 | 19,8 | | | |
| | 261 | 274 | 1,8 | 5,59 | 11,2 | 19,4 | 11,4 | 19,4 | | | |
| | 288 | 248 | 1,9 | 5,06 | 11,1 | 18,9 | 11,1 | 18,9 | | | |
| | 317 | 226 | 2,0 | 4,61 | 10,8 | 18,4 | 10,8 | 18,4 | | | |
| | 346 | 207 | 2,0 | 4,22 | 10,6 | 17,9 | 10,6 | 17,9 | | | |
| | 376 | 190 | 2,1 | 3,88 | 10,3 | 17,5 | 10,3 | 17,5 | | | |
| | 408 | 176 | 2,1 | 3,58 | 10,1 | 16,8 | 10,1 | 16,8 | | | |
| | 441 | 162 | 2,1 | 3,31 | 9,8 | 16,1 | 9,8 | 16,1 | | | |
| | 475 | 151 | 2,1 | 3,07 | 9,6 | 15,6 | 9,6 | 15,6 | | | |
| | 511 | 140 | 2,1 | 2,86 | 9,4 | 15,1 | 9,4 | 15,1 | | | |
| | 549 | 130 | 2,1 | 2,66 | 9,2 | 14,6 | 9,2 | 14,6 | | | |
| | 145 | 492 | 0,8 | 10,04 | 0,7 | 15,0 | 6,3 | 15,0 | **SK 572.1* - 132 MP/4** | 76 | B48, B50 |
| | 164 | 438 | 0,8 | 8,92 | 1,2 | 15,0 | 6,6 | 15,0 | | | |
| | 179 | 400 | 0,9 | 8,15 | 2,1 | 15,0 | 7,5 | 15,0 | | | |
| | 195 | 367 | 1,0 | 7,49 | 2,6 | 15,0 | 7,9 | 15,0 | | | |
| | 232 | 309 | 1,0 | 6,30 | 3,1 | 15,0 | 8,2 | 15,0 | | | |
| | 248 | 289 | 1,0 | 5,88 | 3,2 | 15,0 | 8,1 | 15,0 | | | |
| | 279 | 257 | 1,1 | 5,23 | 3,4 | 15,0 | 8,2 | 15,0 | | | |
| | 312 | 230 | 1,1 | 4,69 | 3,5 | 15,0 | 8,2 | 15,0 | | | |
| | 346 | 207 | 1,1 | 4,22 | 3,6 | 14,6 | 8,2 | 14,6 | | | |
| | 381 | 188 | 1,2 | 3,83 | 3,7 | 14,1 | 7,9 | 14,1 | | | |
| | 447 | 160 | 1,2 | 3,27 | 3,8 | 13,1 | 7,6 | 13,1 | | | |
| | 499 | 143 | 1,2 | 2,92 | 3,8 | 12,5 | 7,3 | 12,5 | | | |
| 9,20 | 21 | 4094 | 0,8 | 68,50 | 12,1 | 15,8 | 28,5 | 40,0 | **SK 973.1 - 160 SP/4** | 200 | B59 |
| | 22 | 3943 | 0,8 | 65,98 | 13,2 | 16,7 | 28,8 | 40,0 | | | |
| | 25 | 3580 | 0,9 | 59,91 | 14,3 | 17,5 | 29,4 | 40,0 | | | |
| | 26 | 3326 | 1,0 | 55,66 | 15,3 | 18,3 | 29,7 | 40,0 | | | |
| | 28 | 3127 | 1,0 | 52,32 | 16,1 | 18,8 | 30,0 | 40,0 | | | |
| | 31 | 2845 | 1,1 | 47,60 | 17,1 | 19,6 | 30,4 | 40,0 | | | |
| | 35 | 2541 | 1,3 | 42,51 | 18,1 | 20,3 | 30,8 | 40,0 | | | |
| | 39 | 2233 | 1,4 | 37,36 | 18,9 | 20,9 | 31,1 | 40,0 | | | |
| | 42 | 2103 | 1,5 | 35,19 | 19,5 | 21,3 | 31,3 | 40,0 | | | |
| | 46 | 1910 | 1,7 | 31,95 | 19,7 | 21,3 | 31,4 | 40,0 | | | |
| | 47 | 1851 | 1,7 | 30,97 | 19,8 | 21,4 | 31,5 | 40,0 | | | |
| | 54 | 1627 | 1,8 | 27,22 | 20,2 | 21,6 | 31,7 | 40,0 | | | |
| | 58 | 1524 | 2,0 | 25,51 | 20,3 | 21,6 | 31,8 | 40,0 | | | |
| | 66 | 1340 | 2,1 | 22,42 | 20,4 | 21,5 | 31,9 | 40,0 | | | |
| | 40 | 2222 | 1,3 | 37,19 | 19,6 | 21,5 | 31,1 | 40,0 | **SK 972.1 - 160 SP/4** | 198 | B58 |
| | 44 | 1994 | 1,5 | 33,36 | 19,7 | 21,5 | 31,4 | 40,0 | | | |
| | 49 | 1810 | 1,5 | 30,29 | 19,9 | 21,4 | 31,5 | 40,0 | | | |
| | 53 | 1653 | 1,6 | 27,66 | 19,9 | 21,4 | 31,7 | 40,0 | | | |
| | 63 | 1386 | 1,7 | 23,19 | 19,9 | 21,1 | 31,9 | 40,0 | | | |
| | 67 | 1314 | 2,1 | 21,99 | 20,8 | 21,9 | 32,0 | 40,0 | | | |
| | 75 | 1179 | 2,4 | 19,72 | 20,5 | 21,5 | 32,1 | 40,0 | | | |
| | 83 | 1055 | 2,7 | 17,65 | 20,7 | 21,5 | 32,1 | 40,0 | | | |
| | 93 | 946 | 2,9 | 15,84 | 20,3 | 21,1 | 32,2 | 39,1 | | | |
| | 104 | 846 | 3,2 | 14,16 | 20,1 | 20,8 | 32,3 | 38,2 | | | |
| | 108 | 810 | 3,2 | 13,56 | 20,1 | 20,8 | 32,3 | 38,0 | | | |
| | 114 | 768 | 3,4 | 12,86 | 19,8 | 20,4 | 32,3 | 37,4 | | | |
| | 41 | 2130 | 0,8 | 35,63 | 10,2 | 11,7 | 22,0 | 27,0 | **SK 873.1 - 160 SP/4** | 162 | B57 |
| | 46 | 1927 | 0,9 | 32,24 | 11,2 | 12,4 | 22,1 | 27,3 | | | |
| | 48 | 1821 | 0,9 | 30,47 | 11,6 | 12,9 | 22,3 | 27,4 | | | |
| | 53 | 1648 | 1,0 | 27,57 | 11,6 | 13,4 | 22,3 | 27,5 | | | |
| | 57 | 1552 | 1,1 | 25,69 | 11,6 | 13,8 | 22,4 | 27,6 | | | |
| | 63 | 1404 | 1,2 | 23,49 | 11,5 | 14,1 | 22,3 | 27,5 | | | |
| | 69 | 1278 | 1,3 | 21,38 | 11,4 | 14,5 | 22,3 | 27,5 | | | |
| | 76 | 1156 | 1,4 | 19,34 | 11,3 | 14,6 | 21,9 | 27,3 | | | |

* ⇨📖A8



IE3

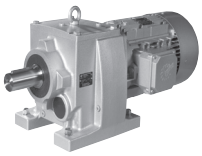
**9,20 kW**
**11,0 kW**

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9,20** | 52 | 1673 | 1,0 | 28,00 | 11,7 | 13,6 | 22,5 | 27,7 | **SK 872.1 - 160 SP/4** | 160 | B56 |
| | 58 | 1521 | 1,1 | 25,44 | 11,5 | 13,8 | 22,4 | 27,6 | | | |
| | 64 | 1376 | 1,1 | 23,02 | 11,5 | 14,2 | 22,3 | 27,5 | | | |
| | 79 | 1116 | 1,4 | 18,67 | 11,3 | 14,9 | 21,8 | 27,3 | | | |
| | 87 | 1014 | 1,5 | 16,96 | 11,1 | 14,9 | 21,3 | 27,0 | | | |
| | 97 | 907 | 1,6 | 15,18 | 10,9 | 15,1 | 20,8 | 26,8 | | | |
| | 107 | 824 | 1,8 | 13,79 | 10,7 | 15,0 | 20,4 | 26,4 | | | |
| | 118 | 746 | 2,0 | 12,48 | 10,5 | 14,9 | 19,9 | 26,0 | | | |
| | 131 | 672 | 2,1 | 11,24 | 10,3 | 14,9 | 19,5 | 25,7 | | | |
| | 141 | 624 | 2,2 | 10,44 | 10,1 | 14,6 | 19,1 | 25,1 | | | |
| | 159 | 552 | 2,5 | 9,24 | 9,9 | 14,6 | 18,6 | 24,7 | | | |
| | 166 | 530 | 2,5 | 8,87 | 9,7 | 14,2 | 18,3 | 24,3 | | | |
| | 190 | 462 | 2,8 | 7,73 | 9,5 | 14,1 | 17,7 | 23,8 | | | |
| | 224 | 393 | 3,1 | 6,57 | 9,1 | 13,6 | 17,0 | 23,0 | | | |
| | 260 | 338 | 3,4 | 5,66 | 8,7 | 12,8 | 16,3 | 22,2 | | | |
| | 267 | 329 | 3,5 | 5,50 | 8,7 | 13,0 | 16,3 | 22,2 | | | |
| | 102 | 859 | 0,8 | 14,38 | 2,2 | 2,8 | 8,6 | 10,4 | **SK 772.1 - 160 SP/4** | 125 | B54 |
| | 113 | 781 | 0,9 | 13,07 | 2,6 | 3,2 | 8,7 | 10,5 | | | |
| | 126 | 697 | 1,0 | 11,67 | 3,4 | 3,8 | 8,9 | 10,8 | | | |
| | 133 | 661 | 1,0 | 11,06 | 3,3 | 3,7 | 8,8 | 10,6 | | | |
| | 139 | 634 | 1,1 | 10,60 | 3,7 | 4,1 | 8,9 | 10,8 | | | |
| | 147 | 598 | 1,1 | 10,00 | 3,6 | 3,9 | 8,8 | 10,6 | | | |
| | 164 | 536 | 1,2 | 8,97 | 4,1 | 4,4 | 8,9 | 10,8 | | | |
| | 181 | 485 | 1,3 | 8,12 | 4,3 | 4,5 | 8,8 | 10,7 | | | |
| | 193 | 456 | 1,4 | 7,63 | 4,2 | 4,2 | 8,6 | 10,5 | | | |
| | 222 | 397 | 1,5 | 6,63 | 4,6 | 5,1 | 9,2 | 11,1 | | | |
| | 237 | 370 | 1,6 | 6,19 | 4,5 | 4,6 | 8,6 | 10,4 | | | |
| | 273 | 322 | 1,8 | 5,38 | 4,6 | 5,2 | 9,0 | 10,9 | | | |
| | 312 | 282 | 2,0 | 4,71 | 4,4 | 5,0 | 8,6 | 10,4 | | | |
| | 333 | 264 | 2,0 | 4,42 | 4,3 | 4,8 | 8,4 | 10,1 | | | |
| | 383 | 229 | 2,3 | 3,84 | 4,3 | 5,1 | 8,5 | 10,3 | | | |
| | 409 | 215 | 2,3 | 3,59 | 4,2 | 4,7 | 8,1 | 9,9 | | | |
| | 470 | 187 | 2,6 | 3,12 | 4,1 | 5,0 | 8,2 | 10,0 | | | |
| **11,0** | 26 | 3991 | 0,8 | 55,66 | 10,0 | 13,6 | 28,7 | 40,0 | **SK 973.1 - 160 MP/4** | 200 | B59 |
| | 28 | 3751 | 0,9 | 52,32 | 11,1 | 14,4 | 29,1 | 40,0 | | | |
| | 31 | 3413 | 0,9 | 47,60 | 12,5 | 15,6 | 29,6 | 40,0 | | | |
| | 34 | 3048 | 1,0 | 42,51 | 14,0 | 16,7 | 30,1 | 40,0 | | | |
| | 39 | 2679 | 1,2 | 37,36 | 15,4 | 17,7 | 30,6 | 40,0 | | | |
| | 42 | 2523 | 1,3 | 35,19 | 16,2 | 18,4 | 30,8 | 40,0 | | | |
| | 46 | 2291 | 1,4 | 31,95 | 16,6 | 18,7 | 31,1 | 40,0 | | | |
| | 47 | 2221 | 1,4 | 30,97 | 16,9 | 18,8 | 31,1 | 40,0 | | | |
| | 54 | 1952 | 1,5 | 27,22 | 17,6 | 19,3 | 31,4 | 40,0 | | | |
| | 57 | 1829 | 1,6 | 25,51 | 17,9 | 19,4 | 31,5 | 40,0 | | | |
| | 65 | 1607 | 1,7 | 22,42 | 18,3 | 19,7 | 31,7 | 39,9 | | | |
| | 39 | 2666 | 1,1 | 37,19 | 16,2 | 18,5 | 30,7 | 40,0 | **SK 972.1 - 160 MP/4** | 198 | B58 |
| | 44 | 2392 | 1,2 | 33,36 | 16,6 | 18,7 | 31,0 | 40,0 | | | |
| | 48 | 2172 | 1,3 | 30,29 | 17,0 | 18,9 | 31,2 | 40,0 | | | |
| | 53 | 1983 | 1,3 | 27,66 | 17,3 | 19,0 | 31,4 | 40,0 | | | |
| | 63 | 1663 | 1,4 | 23,19 | 17,6 | 19,1 | 31,7 | 39,7 | | | |
| | 67 | 1576 | 1,8 | 21,99 | 18,8 | 20,1 | 31,8 | 40,0 | | | |
| | 74 | 1414 | 2,0 | 19,72 | 18,7 | 19,9 | 31,9 | 39,4 | | | |
| | 83 | 1266 | 2,2 | 17,65 | 19,0 | 20,1 | 32,0 | 38,9 | | | |
| | 93 | 1135 | 2,4 | 15,84 | 18,8 | 19,8 | 32,1 | 38,0 | | | |
| | 103 | 1015 | 2,6 | 14,16 | 18,8 | 19,6 | 32,2 | 37,2 | | | |
| | 108 | 972 | 2,7 | 13,56 | 18,9 | 19,7 | 32,2 | 37,1 | | | |
| | 114 | 922 | 2,8 | 12,86 | 18,5 | 19,3 | 32,2 | 36,5 | | | |
| | 127 | 827 | 3,0 | 11,54 | 18,6 | 19,3 | 32,3 | 35,9 | | | |
| | 142 | 742 | 3,3 | 10,35 | 18,3 | 18,9 | 32,3 | 35,0 | | | |
| | 156 | 674 | 3,7 | 9,40 | 18,0 | 18,5 | 31,6 | 34,2 | | | |
| | 48 | 2185 | 0,8 | 30,47 | 8,0 | 9,7 | 20,0 | 24,7 | **SK 873.1 - 160 MP/4** | 162 | B57 |
| | 53 | 1977 | 0,8 | 27,57 | 9,1 | 10,5 | 20,3 | 25,0 | | | |
| | 56 | 1861 | 0,9 | 25,69 | 9,8 | 11,1 | 20,5 | 25,2 | | | |
| | 62 | 1684 | 1,0 | 23,49 | 10,6 | 11,7 | 20,6 | 25,4 | | | |
| | 69 | 1533 | 1,0 | 21,38 | 10,6 | 12,2 | 20,7 | 25,5 | | | |
| | 76 | 1387 | 1,2 | 19,34 | 10,5 | 12,6 | 20,7 | 25,5 | | | |

* ⇨📖A8

# 11,0 kW
# 15,0 kW

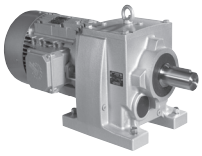
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11,0 | 52 | 2008 | 0,8 | 28,00 | 9,3 | 10,7 | 20,5 | 25,2 | **SK 872.1 - 160 MP/4** | 160 | B56 |
| | 58 | 1824 | 0,9 | 25,44 | 10,0 | 11,2 | 20,5 | 25,3 | | | |
| | 64 | 1651 | 0,9 | 23,02 | 10,6 | 11,8 | 20,6 | 25,4 | | | |
| | 78 | 1338 | 1,2 | 18,67 | 10,6 | 13,0 | 20,8 | 25,7 | | | |
| | 86 | 1216 | 1,3 | 16,96 | 10,5 | 13,1 | 20,7 | 25,5 | | | |
| | 97 | 1088 | 1,4 | 15,18 | 10,4 | 13,5 | 20,4 | 25,4 | | | |
| | 106 | 989 | 1,5 | 13,79 | 10,2 | 13,5 | 20,0 | 25,1 | | | |
| | 117 | 895 | 1,6 | 12,48 | 10,1 | 13,6 | 19,5 | 24,8 | | | |
| | 130 | 806 | 1,7 | 11,24 | 9,9 | 13,8 | 19,1 | 24,7 | | | |
| | 140 | 748 | 1,9 | 10,44 | 9,7 | 13,4 | 18,7 | 24,1 | | | |
| | 159 | 662 | 2,1 | 9,24 | 9,6 | 13,6 | 18,3 | 23,9 | | | |
| | 165 | 636 | 2,1 | 8,87 | 9,4 | 13,2 | 18,0 | 23,4 | | | |
| | 190 | 554 | 2,3 | 7,73 | 9,2 | 13,3 | 17,5 | 23,1 | | | |
| | 223 | 471 | 2,6 | 6,57 | 8,8 | 12,6 | 16,8 | 22,3 | | | |
| | 259 | 406 | 2,8 | 5,66 | 8,5 | 12,0 | 16,2 | 21,6 | | | |
| | 266 | 394 | 2,9 | 5,50 | 8,5 | 12,2 | 16,1 | 21,7 | | | |
| | 313 | 335 | 3,3 | 4,68 | 8,2 | 11,6 | 15,4 | 20,9 | | | |
| | 364 | 289 | 3,1 | 4,03 | 7,9 | 11,0 | 14,8 | 20,2 | | | |
| | 396 | 265 | 3,3 | 3,69 | 7,7 | 10,8 | 14,5 | 19,9 | | | |
| | 461 | 228 | 3,7 | 3,18 | 7,4 | 10,2 | 13,9 | 19,1 | | | |
| | 126 | 837 | 0,8 | 11,67 | 1,7 | 2,1 | 7,8 | 9,5 | **SK 772.1 - 160 MP/4** | 125 | B54 |
| | 132 | 793 | 0,9 | 11,06 | 1,7 | 2,0 | 7,7 | 9,4 | | | |
| | 138 | 760 | 0,9 | 10,60 | 2,1 | 2,4 | 7,9 | 9,6 | | | |
| | 146 | 717 | 0,9 | 10,00 | 2,1 | 2,4 | 7,8 | 9,5 | | | |
| | 163 | 643 | 1,0 | 8,97 | 2,8 | 3,0 | 8,1 | 9,8 | | | |
| | 180 | 582 | 1,1 | 8,12 | 3,1 | 3,2 | 8,1 | 9,8 | | | |
| | 192 | 547 | 1,1 | 7,63 | 2,9 | 3,0 | 7,9 | 9,6 | | | |
| | 221 | 476 | 1,3 | 6,63 | 3,5 | 4,1 | 8,6 | 10,4 | | | |
| | 237 | 444 | 1,3 | 6,19 | 3,6 | 3,5 | 8,0 | 9,7 | | | |
| | 272 | 386 | 1,5 | 5,38 | 4,1 | 4,4 | 8,5 | 10,3 | | | |
| | 311 | 338 | 1,7 | 4,71 | 4,2 | 4,2 | 8,1 | 9,8 | | | |
| | 332 | 317 | 1,7 | 4,42 | 4,1 | 4,1 | 7,9 | 9,6 | | | |
| | 382 | 275 | 1,9 | 3,84 | 4,1 | 4,6 | 8,2 | 9,9 | | | |
| | 408 | 258 | 1,9 | 3,59 | 4,0 | 4,2 | 7,8 | 9,4 | | | |
| | 469 | 224 | 2,2 | 3,12 | 4,0 | 4,5 | 8,0 | 9,6 | | | |
| 15,0 | 34 | 4156 | 0,8 | 42,51 | 5,0 | 8,8 | 28,4 | 34,9 | **SK 973.1 - 160 LP/4** | 230 | B59 |
| | 39 | 3653 | 0,9 | 37,36 | 7,5 | 10,7 | 29,3 | 35,7 | | | |
| | 42 | 3441 | 0,9 | 35,19 | 8,8 | 11,9 | 29,6 | 36,2 | | | |
| | 46 | 3124 | 1,0 | 31,95 | 9,9 | 12,7 | 30,0 | 36,3 | | | |
| | 47 | 3028 | 1,0 | 30,97 | 10,3 | 13,0 | 30,2 | 36,3 | | | |
| | 54 | 2662 | 1,1 | 27,22 | 11,8 | 14,2 | 30,6 | 36,5 | | | |
| | 57 | 2494 | 1,2 | 25,51 | 12,4 | 14,7 | 30,8 | 36,5 | | | |
| | 65 | 2192 | 1,3 | 22,42 | 13,5 | 15,5 | 31,2 | 36,4 | | | |
| | 67 | 2150 | 1,3 | 21,99 | 14,3 | 16,2 | 31,2 | 36,8 | **SK 972.1 - 160 LP/4** | 228 | B58 |
| | 74 | 1928 | 1,5 | 19,72 | 14,6 | 16,2 | 31,4 | 36,3 | | | |
| | 83 | 1726 | 1,6 | 17,65 | 15,4 | 16,9 | 31,6 | 36,2 | | | |
| | 93 | 1548 | 1,8 | 15,84 | 15,5 | 16,8 | 31,8 | 35,5 | | | |
| | 103 | 1385 | 1,9 | 14,16 | 15,8 | 17,0 | 31,9 | 35,0 | | | |
| | 108 | 1326 | 2,0 | 13,56 | 16,1 | 17,2 | 32,0 | 35,0 | | | |
| | 114 | 1257 | 2,1 | 12,86 | 15,8 | 16,9 | 31,8 | 34,4 | | | |
| | 127 | 1128 | 2,2 | 11,54 | 16,3 | 17,2 | 31,5 | 34,1 | | | |
| | 142 | 1012 | 2,5 | 10,35 | 16,1 | 17,0 | 30,8 | 33,4 | | | |
| | 156 | 919 | 2,7 | 9,40 | 16,0 | 16,8 | 30,2 | 32,7 | | | |
| | 173 | 827 | 2,8 | 8,45 | 15,6 | 16,3 | 29,4 | 31,9 | | | |
| | 204 | 703 | 3,2 | 7,19 | 15,5 | 15,9 | 28,5 | 30,9 | | | |
| | 219 | 654 | 3,4 | 6,68 | 15,6 | 15,9 | 28,3 | 30,6 | | | |
| | 237 | 603 | 3,4 | 6,17 | 14,9 | 14,8 | 27,4 | 29,7 | | | |
| | 69 | 2090 | 0,8 | 21,38 | 5,5 | 6,8 | 17,2 | 21,2 | **SK 873.1 - 160 LP/4** | 190 | B57 |
| | 76 | 1891 | 0,8 | 19,34 | 6,6 | 7,8 | 17,5 | 21,6 | | | |
| | 78 | 1825 | 0,8 | 18,67 | 7,4 | 8,5 | 17,8 | 22,0 | **SK 872.1 - 160 LP/4** | 188 | B56 |
| | 86 | 1658 | 0,9 | 16,96 | 8,0 | 9,0 | 17,9 | 22,0 | | | |
| | 97 | 1484 | 1,0 | 15,18 | 9,1 | 9,9 | 18,2 | 22,4 | | | |
| | 106 | 1349 | 1,1 | 13,79 | 9,1 | 10,2 | 18,1 | 22,3 | | | |
| | 117 | 1220 | 1,2 | 12,48 | 9,0 | 10,5 | 18,1 | 22,3 | | | |
| | 130 | 1099 | 1,3 | 11,24 | 9,0 | 11,0 | 18,2 | 22,4 | | | |
| | 140 | 1020 | 1,4 | 10,44 | 8,8 | 10,6 | 17,8 | 22,0 | | | |



IE3

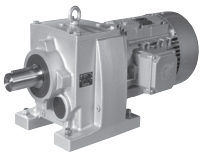
**15,0 kW**
**18,5 kW**



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **15,0** | 159 | 903 | 1,5 | 9,24 | 8,8 | 11,1 | 17,6 | 22,0 | **SK 872.1 - 160 LP/4** | 188 | B56 |
| | 165 | 868 | 1,5 | 8,87 | 8,6 | 10,4 | 17,4 | 21,5 | | | |
| | 190 | 755 | 1,7 | 7,73 | 8,5 | 10,8 | 16,9 | 21,5 | | | |
| | 223 | 642 | 1,9 | 6,57 | 8,3 | 10,5 | 16,3 | 20,9 | | | |
| | 259 | 553 | 2,1 | 5,66 | 8,0 | 10,2 | 15,7 | 20,3 | | | |
| | 266 | 538 | 2,1 | 5,50 | 8,1 | 10,6 | 15,7 | 20,6 | | | |
| | 313 | 457 | 2,4 | 4,68 | 7,8 | 10,2 | 15,1 | 19,9 | | | |
| | 364 | 394 | 2,3 | 4,03 | 7,5 | 9,8 | 14,5 | 19,3 | | | |
| | 396 | 361 | 2,4 | 3,69 | 7,4 | 9,7 | 14,2 | 19,1 | | | |
| | 461 | 311 | 2,7 | 3,18 | 7,1 | 9,3 | 13,7 | 18,4 | | | |
| | 163 | 877 | 0,8 | 8,97 | 0 | 0 | 6,2 | 7,6 | **SK 772.1 - 160 LP/4** | 154 | B54 |
| | 180 | 794 | 0,8 | 8,12 | 0,3 | 0,6 | 6,4 | 7,8 | | | |
| | 192 | 746 | 0,8 | 7,63 | 0,2 | 0,4 | 6,2 | 7,5 | | | |
| | 221 | 649 | 0,9 | 6,63 | 1,2 | 2,1 | 7,4 | 8,9 | | | |
| | 237 | 605 | 1,0 | 6,19 | 1,4 | 1,5 | 6,6 | 8,0 | | | |
| | 272 | 526 | 1,1 | 5,38 | 2,2 | 2,8 | 7,5 | 9,1 | | | |
| | 311 | 461 | 1,2 | 4,71 | 2,9 | 2,7 | 7,1 | 8,6 | | | |
| | 332 | 432 | 1,3 | 4,42 | 2,8 | 2,6 | 7,0 | 8,4 | | | |
| | 382 | 375 | 1,4 | 3,84 | 3,2 | 3,4 | 7,5 | 9,1 | | | |
| | 408 | 351 | 1,4 | 3,59 | 3,3 | 3,0 | 7,0 | 8,5 | | | |
| | 469 | 306 | 1,6 | 3,12 | 3,6 | 3,6 | 7,4 | 8,9 | | | |
| **18,5** | 42 | 4201 | 0,8 | 35,19 | 2,6 | 5,8 | 28,3 | 31,5 | **SK 973.1 - 180 MP/4** | 262 | B59 |
| | 46 | 3814 | 0,8 | 31,95 | 4,1 | 7,2 | 29,0 | 31,9 | | | |
| | 48 | 3697 | 0,8 | 30,97 | 4,7 | 7,7 | 29,2 | 32,1 | | | |
| | 54 | 3249 | 0,9 | 27,22 | 6,9 | 9,8 | 29,9 | 32,7 | | | |
| | 58 | 3045 | 1,0 | 25,51 | 7,8 | 10,6 | 30,1 | 33,0 | | | |
| | 66 | 2676 | 1,0 | 22,42 | 9,4 | 11,8 | 30,6 | 33,3 | | | |
| | 67 | 2624 | 1,1 | 21,99 | 10,5 | 12,8 | 30,7 | 33,9 | **SK 972.1 - 180 MP/4** | 260 | B58 |
| | 75 | 2354 | 1,2 | 19,72 | 11,0 | 13,1 | 31,0 | 33,6 | | | |
| | 84 | 2107 | 1,3 | 17,65 | 12,3 | 14,2 | 31,2 | 33,8 | | | |
| | 93 | 1890 | 1,4 | 15,84 | 12,6 | 14,3 | 30,8 | 33,3 | | | |
| | 105 | 1690 | 1,6 | 14,16 | 13,2 | 14,7 | 30,5 | 33,1 | | | |
| | 109 | 1619 | 1,6 | 13,56 | 13,7 | 15,1 | 30,6 | 33,2 | | | |
| | 115 | 1535 | 1,7 | 12,86 | 13,5 | 14,8 | 30,1 | 32,6 | | | |
| | 128 | 1377 | 1,8 | 11,54 | 14,2 | 15,4 | 30,1 | 32,6 | | | |
| | 143 | 1235 | 2,0 | 10,35 | 14,2 | 15,3 | 29,5 | 31,9 | | | |
| | 158 | 1122 | 2,2 | 9,40 | 14,3 | 15,1 | 29,0 | 31,4 | | | |
| | 175 | 1009 | 2,3 | 8,45 | 14,0 | 14,5 | 28,3 | 30,6 | | | |
| | 206 | 859 | 2,6 | 7,19 | 14,1 | 14,2 | 27,5 | 29,8 | | | |
| | 221 | 798 | 2,8 | 6,68 | 14,4 | 14,4 | 27,4 | 29,6 | | | |
| | 240 | 737 | 2,8 | 6,17 | 13,6 | 13,4 | 26,5 | 28,7 | | | |
| | 282 | 627 | 3,2 | 5,25 | 13,6 | 13,0 | 25,7 | 27,8 | | | |
| | 325 | 544 | 3,7 | 4,56 | 13,8 | 13,0 | 25,2 | 27,3 | | | |
| | 396 | 446 | 4,1 | 3,74 | 13,2 | 12,1 | 24,0 | 26,0 | | | |
| | 98 | 1812 | 0,8 | 15,18 | 5,6 | 6,1 | 16,1 | 19,8 | **SK 872.1 - 180 MP/4** | 222 | B56 |
| | 107 | 1646 | 0,9 | 13,79 | 6,3 | 6,7 | 16,2 | 19,9 | | | |
| | 119 | 1490 | 1,0 | 12,48 | 7,2 | 7,3 | 16,4 | 20,1 | | | |
| | 132 | 1341 | 1,0 | 11,24 | 8,2 | 8,2 | 16,6 | 20,5 | | | |
| | 142 | 1246 | 1,1 | 10,44 | 8,0 | 7,9 | 16,3 | 20,1 | | | |
| | 160 | 1103 | 1,3 | 9,24 | 8,1 | 8,7 | 16,6 | 20,4 | | | |
| | 167 | 1059 | 1,3 | 8,87 | 8,0 | 8,1 | 16,1 | 19,9 | | | |
| | 192 | 922 | 1,4 | 7,73 | 8,0 | 8,9 | 16,3 | 20,1 | | | |
| | 225 | 784 | 1,6 | 6,57 | 7,8 | 8,8 | 15,8 | 19,7 | | | |
| | 262 | 675 | 1,7 | 5,66 | 7,6 | 8,7 | 15,3 | 19,2 | | | |
| | 269 | 657 | 1,8 | 5,50 | 7,7 | 9,2 | 15,3 | 19,5 | | | |
| | 316 | 558 | 2,0 | 4,68 | 7,4 | 9,0 | 14,7 | 19,0 | | | |
| | 368 | 481 | 1,9 | 4,03 | 7,2 | 8,7 | 14,2 | 18,5 | | | |
| | 401 | 441 | 2,0 | 3,69 | 7,1 | 8,8 | 14,0 | 18,4 | | | |
| | 465 | 380 | 2,2 | 3,18 | 6,9 | 8,5 | 13,4 | 17,8 | | | |

# 22,0 kW
# 30,0 kW
# 37,0 kW

IE3

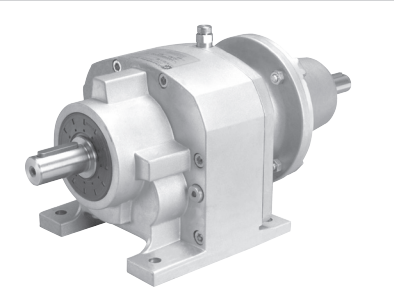


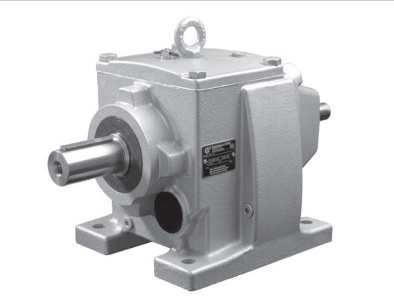
NORD DRIVESYSTEMS

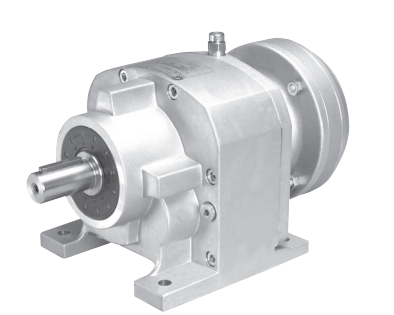


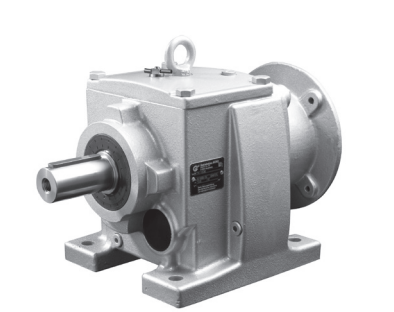
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **22,0** | 54 | 3877 | 0,8 | 27,22 | 1,8 | 4,1 | 26,7 | 29,0 | **SK 973.1 - 180 LP/4** | 262 | B59 |
| | 58 | 3633 | 0,8 | 25,51 | 3,1 | 5,3 | 27,2 | 29,4 | | | |
| | 66 | 3193 | 0,9 | 22,42 | 5,3 | 7,3 | 27,8 | 30,2 | | | |
| | 67 | 3132 | 0,9 | 21,99 | 6,6 | 8,7 | 28,6 | 31,0 | **SK 972.1 - 180 LP/4** | 260 | B58 |
| | 75 | 2809 | 1,0 | 19,72 | 7,4 | 9,3 | 28,5 | 30,9 | | | |
| | 84 | 2514 | 1,1 | 17,65 | 9,2 | 11,1 | 29,0 | 31,4 | | | |
| | 93 | 2256 | 1,2 | 15,84 | 9,8 | 11,3 | 28,8 | 31,2 | | | |
| | 104 | 2017 | 1,3 | 14,16 | 10,7 | 12,0 | 28,7 | 31,1 | | | |
| | 109 | 1931 | 1,4 | 13,56 | 11,3 | 12,7 | 28,9 | 31,4 | | | |
| | 115 | 1831 | 1,4 | 12,86 | 11,1 | 12,3 | 28,5 | 30,8 | | | |
| | 128 | 1643 | 1,5 | 11,54 | 12,2 | 13,3 | 28,6 | 31,0 | | | |
| | 143 | 1474 | 1,7 | 10,35 | 12,4 | 13,1 | 28,2 | 30,5 | | | |
| | 157 | 1338 | 1,9 | 9,40 | 12,5 | 13,1 | 27,8 | 30,1 | | | |
| | 174 | 1204 | 2,0 | 8,45 | 12,4 | 12,6 | 27,1 | 29,4 | | | |
| | 205 | 1024 | 2,2 | 7,19 | 12,7 | 12,7 | 26,6 | 28,8 | | | |
| | 221 | 952 | 2,4 | 6,68 | 13,2 | 13,0 | 26,5 | 28,7 | | | |
| | 239 | 879 | 2,4 | 6,17 | 12,4 | 12,0 | 25,6 | 27,7 | | | |
| | 281 | 748 | 2,7 | 5,25 | 12,5 | 11,9 | 24,9 | 27,0 | | | |
| | 324 | 649 | 3,1 | 4,56 | 12,9 | 12,1 | 24,6 | 26,7 | | | |
| | 395 | 532 | 3,4 | 3,74 | 12,4 | 11,3 | 23,4 | 25,4 | | | |
| | 443 | 474 | 3,6 | 3,33 | 12,3 | 11,1 | 22,9 | 24,8 | | | |
| | 118 | 1777 | 0,8 | 12,48 | 4,2 | 4,4 | 14,6 | 17,9 | **SK 872.1 - 180 LP/4** | 222 | B56 |
| | 131 | 1601 | 0,9 | 11,24 | 5,5 | 5,6 | 15,1 | 18,5 | | | |
| | 141 | 1486 | 0,9 | 10,44 | 5,4 | 5,4 | 14,8 | 18,2 | | | |
| | 160 | 1316 | 1,0 | 9,24 | 6,9 | 6,6 | 15,3 | 18,8 | | | |
| | 166 | 1264 | 1,1 | 8,87 | 6,3 | 5,9 | 14,8 | 18,2 | | | |
| | 191 | 1100 | 1,2 | 7,73 | 7,4 | 7,0 | 15,2 | 18,7 | | | |
| | 225 | 936 | 1,3 | 6,57 | 7,3 | 7,2 | 15,0 | 18,4 | | | |
| | 261 | 806 | 1,4 | 5,66 | 7,1 | 7,3 | 14,7 | 18,1 | | | |
| | 268 | 783 | 1,5 | 5,50 | 7,3 | 7,9 | 15,0 | 18,5 | | | |
| | 315 | 666 | 1,7 | 4,68 | 7,1 | 7,9 | 14,4 | 18,1 | | | |
| | 366 | 573 | 1,6 | 4,03 | 6,9 | 7,7 | 13,9 | 17,7 | | | |
| | 399 | 526 | 1,7 | 3,69 | 6,8 | 8,0 | 13,7 | 17,7 | | | |
| | 464 | 453 | 1,9 | 3,18 | 6,6 | 7,8 | 13,2 | 17,2 | | | |
| **30,0** | 105 | 2732 | 1,0 | 14,16 | 4,7 | 5,7 | 24,6 | 26,7 | **SK 972.1 - 225 RP/4** | 420 | B58 |
| | 110 | 2616 | 1,0 | 13,56 | 5,8 | 6,7 | 25,1 | 27,2 | | | |
| | 116 | 2480 | 1,1 | 12,86 | 5,6 | 6,4 | 24,7 | 26,8 | | | |
| | 129 | 2225 | 1,1 | 11,54 | 7,5 | 8,1 | 25,4 | 27,5 | | | |
| | 144 | 1996 | 1,2 | 10,35 | 8,0 | 8,4 | 25,2 | 27,3 | | | |
| | 158 | 1813 | 1,4 | 9,40 | 8,5 | 8,8 | 25,0 | 27,1 | | | |
| | 176 | 1631 | 1,4 | 8,45 | 8,7 | 8,7 | 24,6 | 26,6 | | | |
| | 206 | 1388 | 1,6 | 7,19 | 9,5 | 9,3 | 24,4 | 26,4 | | | |
| | 222 | 1290 | 1,7 | 6,68 | 10,3 | 10,0 | 24,6 | 26,6 | | | |
| | 241 | 1190 | 1,7 | 6,17 | 9,5 | 9,0 | 23,6 | 25,5 | | | |
| | 283 | 1013 | 2,0 | 5,25 | 10,0 | 9,4 | 23,2 | 25,2 | | | |
| | 326 | 880 | 2,3 | 4,56 | 10,9 | 10,1 | 23,2 | 25,2 | | | |
| | 398 | 721 | 2,5 | 3,74 | 10,6 | 9,6 | 22,2 | 24,1 | | | |
| | 446 | 642 | 2,6 | 3,33 | 10,7 | 9,6 | 21,8 | 23,6 | | | |
| **37,0** | 105 | 3369 | 0,8 | 14,16 | 0 | 0 | 21,1 | 22,8 | **SK 972.1 - 225 SP/4** | 436 | B58 |
| | 110 | 3226 | 0,8 | 13,56 | 1,0 | 2,1 | 21,8 | 23,6 | | | |
| | 116 | 3059 | 0,9 | 12,86 | 0,9 | 1,9 | 21,4 | 23,2 | | | |
| | 129 | 2745 | 0,9 | 11,54 | 3,4 | 4,1 | 22,5 | 24,4 | | | |
| | 144 | 2462 | 1,0 | 10,35 | 4,3 | 4,7 | 22,6 | 24,4 | | | |
| | 158 | 2235 | 1,1 | 9,40 | 5,1 | 5,4 | 22,6 | 24,5 | | | |
| | 176 | 2012 | 1,2 | 8,45 | 5,4 | 5,5 | 22,3 | 24,1 | | | |
| | 206 | 1711 | 1,3 | 7,19 | 6,8 | 6,6 | 22,5 | 24,3 | | | |
| | 222 | 1590 | 1,4 | 6,68 | 7,9 | 7,6 | 22,9 | 24,8 | | | |
| | 241 | 1468 | 1,4 | 6,17 | 6,9 | 6,5 | 21,8 | 23,6 | | | |
| | 283 | 1249 | 1,6 | 5,25 | 7,9 | 7,3 | 21,7 | 23,5 | | | |
| | 326 | 1085 | 1,8 | 4,56 | 9,1 | 8,4 | 22,0 | 23,8 | | | |
| | 398 | 889 | 2,1 | 3,74 | 9,1 | 8,1 | 21,2 | 22,9 | | | |
| | 446 | 792 | 2,1 | 3,33 | 9,3 | 8,3 | 20,9 | 22,6 | | | |

# NORDBLOC.1 Helical Gear Units

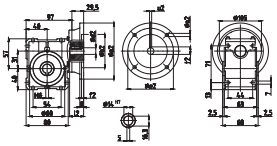




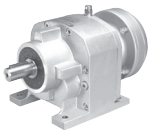


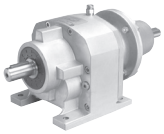


| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] |
|---|---|---|---|
| SK 072.1 | 63,56 | 22 | 50 |
| | 55,00 | 25 | 50 |
| | 49,00 | 29 | 46 |
| | 42,10 | 33 | 50 |
| | 36,43 | 38 | 54 |
| | 32,45 | 43 | 55 |
| | 27,78 | 50 | 54 |
| | 24,75 | 57 | 55 |
| | 22,22 | 63 | 55 |
| | 21,38 | 65 | 55 |



# SK 072.1





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| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | IEC $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 56 | IEC 63 | IEC 71 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 072.1** | **63,56** | **22** | 50 | 0,12 | 0,08 | 0,06 | | * | * | | | | |
| | **55,00** | **25** | 50 | 0,13 | 0,09 | 0,07 | | * | * | | | | |
| | **49,00** | **29** | 46 | 0,14 | 0,09 | 0,07 | | * | * | | | | |
| | **42,10** | **33** | 50 | 0,17 | 0,11 | 0,09 | | * | * | | | | |
| | **36,43** | **38** | 54 | 0,21 | 0,14 | 0,11 | | | * | | | | |
| | **32,45** | **43** | 55 | 0,25 | 0,16 | 0,12 | | | * | | | | |
| | **27,78** | **50** | 54 | 0,28 | 0,19 | 0,14 | | | * | | | | |
| | **24,75** | **57** | 55 | 0,33 | 0,22 | 0,16 | | | * | | | | |
| | **22,22** | **63** | 55 | 0,36 | 0,24 | 0,18 | | | * | | | | |
| | **21,38** | **65** | 55 | 0,37 | 0,25 | 0,19 | | | | | | | |
| | **19,20** | **73** | 55 | 0,42 | 0,28 | 0,21 | | | | | | | |
| | **17,35** | **81** | 55 | 0,47 | 0,31 | 0,23 | | | | | | | |
| | **15,77** | **89** | 55 | 0,51 | 0,34 | 0,26 | | | | | | | |
| | **14,40** | **97** | 51 | 0,52 | 0,34 | 0,26 | | | | | | | |
| | **13,20** | **106** | 47 | 0,52 | 0,34 | 0,26 | | | | | | | |
| **IEC** | 11,56 | 121 | 50 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 10,00 | 140 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| mm | 8,91 | 157 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| ⇨📖B61 | 8,00 | 175 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 7,23 | 194 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 6,57 | 213 | 53 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 5,96 | 235 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 5,50 | 255 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 5,31 | 264 | 55 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 4,77 | 294 | 53 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 4,31 | 325 | 50 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 3,92 | 357 | 45 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 3,58 | 391 | 48 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 3,28 | 427 | 47 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 2,95 | 475 | 46 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 2,85 | 491 | 45 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 2,57 | 545 | 41 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 2,33 | 601 | 39 | *0,55* | *0,36* | *0,28* | | | | | | | |
| | 2,10 | 667 | 36 | *0,55* | *0,36* | *0,28* | | | | | | | |

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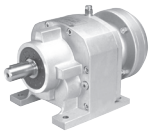
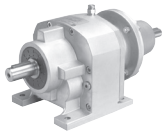
| kg | IEC... |
|---|---|
| **SK 072.1** | 4 |





# SK 172.1

| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 56 | IEC 63 | IEC 71 | IEC 80 | IEC 90 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 172.1** | **81,45** | **17** | 83 | 0,15 | 0,10 | 0,07 | | * | * | * | * | | |
| | **70,00** | **20** | 72 | 0,15 | 0,10 | 0,08 | | * | * | * | * | | |
| | **62,36** | **22** | 64 | 0,15 | 0,10 | 0,07 | | * | * | * | * | | |
| | **54,03** | **26** | 85 | 0,23 | 0,15 | 0,12 | | | * | * | * | | |
| | **46,43** | **30** | 85 | 0,27 | 0,18 | 0,13 | | | * | * | * | | |
| | **41,36** | **34** | 85 | 0,30 | 0,20 | 0,15 | | | * | * | * | | |
| | **38,75** | **36** | 85 | 0,32 | 0,21 | 0,16 | | | * | * | * | | |
| | **34,52** | **41** | 86 | 0,37 | 0,24 | 0,18 | | | | * | * | | |
| | **31,00** | **45** | 92 | 0,43 | 0,29 | 0,22 | | | | * | * | | |
| | **27,62** | **51** | 92 | 0,49 | 0,32 | 0,25 | | | | * | * | | |
| **W** | **24,80** | **56** | 92 | 0,54 | 0,36 | 0,27 | | | | * | * | | |
| | **22,42** | **62** | 92 | 0,60 | 0,39 | 0,30 | | | | * | * | | |
| mm | **20,37** | **69** | 85 | 0,61 | 0,41 | 0,31 | | | | * | * | | |
| ⇨📖B60 | **18,60** | **75** | 84 | 0,66 | 0,44 | 0,33 | | | | * | * | | |
| | **15,76** | **89** | 85 | 0,79 | 0,52 | 0,40 | | | | | * | | |
| | 13,54 | 103 | 85 | 0,92 | 0,61 | 0,46 | | | | | * | | |
| | 12,06 | 116 | 87 | 1,06 | 0,70 | 0,53 | | | | | * | | |
| **IEC** | 11,39 | 123 | 85 | 1,09 | 0,72 | 0,55 | | | | | * | | |
| | 10,83 | 129 | 86 | 1,16 | 0,77 | 0,58 | | | | | * | | |
| mm | 9,79 | 143 | 85 | 1,27 | 0,84 | 0,64 | | | | | * | | |
| ⇨📖B62 | 8,72 | 161 | 88 | 1,48 | 0,98 | 0,74 | | | | | * | | |
| | 7,83 | 179 | 82 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 7,08 | 198 | 82 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 6,43 | 218 | 82 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 5,77 | 243 | 77 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 5,14 | 272 | 83 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 4,62 | 303 | 72 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 4,17 | 336 | 65 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 3,79 | 369 | 59 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 3,46 | 405 | 54 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 3,22 | 435 | 54 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 2,92 | 479 | 50 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 2,72 | 515 | 46 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 2,49 | 562 | 43 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 2,32 | 603 | 43 | *1,50* | *0,99* | *0,75* | | | | | | | |

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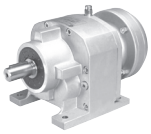
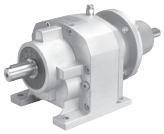
| kg | W | IEC... |
|---|---|---|
| **SK 172.1** | 7 | 7 |

# SK 372.1





DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 372.1** | **72,38** | **19** | 150 | 0,30 | 0,20 | 0,15 | | * | * | * | | | |
| | **64,06** | **22** | 160 | 0,37 | 0,24 | 0,18 | | | * | * | | | |
| | **60,83** | **23** | 150 | 0,36 | 0,24 | 0,18 | | | * | * | | | |
| | **53,84** | **26** | 160 | 0,44 | 0,29 | 0,22 | | | * | * | | | |
| | **43,26** | **32** | 170 | 0,57 | 0,38 | 0,28 | | | * | * | | | |
| | **38,12** | **37** | 180 | 0,70 | 0,46 | 0,35 | | | * | * | | | |
| | **33,84** | **41** | 190 | 0,82 | 0,54 | 0,41 | | | | * | | | |
| | **30,11** | **46** | 180 | 0,87 | 0,57 | 0,43 | | | | * | | | |
| | **25,85** | **54** | 190 | 1,07 | 0,71 | 0,54 | | | | * | | | |
| **W** | **23,00** | **61** | 200 | 1,28 | 0,84 | 0,64 | | | | * | | | |
| | **20,62** | **68** | 190 | 1,35 | 0,89 | 0,68 | | | | * | | | |
| mm ⇨📖B60 | **18,40** | **76** | 200 | 1,59 | 1,05 | 0,80 | | | | | | | |
| | **16,50** | **85** | 190 | 1,69 | 1,12 | 0,85 | | | | | | | |
| | 14,57 | 96 | 190 | 1,91 | 1,26 | 0,95 | | | | | | | |
| | 12,96 | 108 | 200 | 2,26 | 1,49 | 1,13 | | | | | | | |
| | 11,55 | 121 | 190 | 2,41 | 1,59 | 1,20 | | | | | * | | |
| | 10,28 | 136 | 190 | 2,71 | 1,79 | 1,35 | | | | | * | | |
| **IEC** | 9,40 | 149 | 190 | 2,96 | 1,96 | 1,48 | | | | | * | | |
| | 8,22 | 170 | 180 | *3,00* | *1,98* | *1,50* | | | | | | | |
| mm ⇨📖B63 | 7,23 | 194 | 170 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 6,89 | 203 | 170 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 6,58 | 213 | 160 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 5,95 | 235 | 160 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 5,24 | 267 | 160 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 4,66 | 300 | 140 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 4,18 | 335 | 130 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 3,78 | 370 | 120 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 3,43 | 408 | 110 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 3,12 | 449 | 100 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 2,86 | 490 | 90 | *3,00* | *1,98* | *1,50* | | | | | | | |
| | 2,62 | 534 | 90 | *3,00* | *1,98* | *1,50* | | | | | | | |

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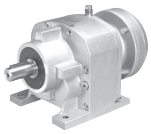
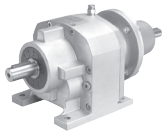
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 |
|---|---|---|---|---|---|---|
| **SK 372.1** | 11 | 10 | 10 | 10 | 10 | 11 |





# SK 373.1

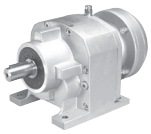
| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 373.1** | **343,92** | **4,1** | 190 | 0,08 | 0,05 | 0,04 | * | * | * | * | | | |
| | **303,08** | **4,6** | 210 | 0,10 | 0,07 | 0,05 | * | * | * | * | | | |
| | **269,67** | **5,2** | 220 | 0,12 | 0,08 | 0,06 | * | * | * | * | | | |
| | **256,50** | **5,5** | 200 | 0,12 | 0,08 | 0,06 | * | * | * | * | | | |
| | **228,22** | **6,1** | 220 | 0,14 | 0,09 | 0,07 | * | * | * | * | | | |
| | **207,98** | **6,7** | 200 | 0,14 | 0,09 | 0,07 | * | * | * | * | | | |
| | **196,07** | **7,1** | 210 | 0,16 | 0,10 | 0,08 | * | * | * | * | | | |
| | **185,05** | **7,6** | 210 | 0,17 | 0,11 | 0,08 | * | * | * | * | | | |
| | **165,94** | **8,4** | 210 | 0,18 | 0,12 | 0,09 | | * | * | * | | | |
| | **145,00** | **9,7** | 210 | 0,21 | 0,14 | 0,11 | | * | * | * | | | |
| **W** | **130,87** | **11** | 200 | 0,23 | 0,15 | 0,12 | | * | * | * | | | |
| ↔ mm | **120,54** | **12** | 200 | 0,25 | 0,17 | 0,13 | | * | * | * | | | |
| ⇨📖B60 | **102,01** | **14** | 200 | 0,29 | 0,19 | 0,15 | | * | * | * | | | |
| | **91,48** | **15** | 210 | 0,33 | 0,22 | 0,16 | | * | * | * | | | |
| | **82,57** | **17** | 210 | 0,37 | 0,25 | 0,19 | | | * | * | | | |
| | 74,27 | 19 | 200 | 0,40 | 0,26 | 0,20 | | | * | * | | | |
| | 64,70 | 22 | 200 | 0,46 | 0,30 | 0,23 | | | * | * | | | |
| **IEC** | 60,22 | 23 | 200 | 0,48 | 0,32 | 0,24 | | | * | * | | | |
| | 54,00 | 26 | 210 | 0,57 | 0,38 | 0,29 | | | * | * | | | |
| ↔ mm | 47,05 | 30 | 210 | 0,66 | 0,44 | 0,33 | | | * | * | | | |
| ⇨📖B64 | 42,46 | 33 | 200 | 0,69 | 0,46 | 0,35 | | | * | * | | | |
| | 37,23 | 38 | 200 | 0,80 | 0,53 | 0,40 | | | | * | | | |
| | 33,20 | 42 | 200 | 0,88 | 0,58 | 0,44 | | | | * | | | |
| | 29,77 | 47 | 210 | 1,03 | 0,68 | 0,52 | | | | * | | | |
| | 25,94 | 54 | 210 | 1,19 | 0,78 | 0,59 | | | | * | | | |
| | 23,41 | 60 | 210 | 1,32 | 0,87 | 0,66 | | | | * | | | |
| | 22,74 | 62 | 210 | 1,36 | 0,90 | 0,68 | | | | * | | | |
| | 20,52 | 68 | 210 | 1,50 | 0,99 | 0,75 | | | | | | | |
| | 18,63 | 75 | 190 | 1,49 | 0,98 | 0,75 | | | | * | | | |

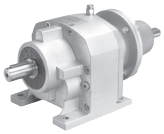
* ⇨📖A63



| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 373.1** | 12 | 11 | 11 | 11 | 11 |

# SK 572.1





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| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 572.1*** | **54,41** | **26** | 370 | 1,01 | 0,66 | 0,50 | | | | * | | |
| | **45,77** | **31** | 320 | 1,04 | 0,69 | 0,52 | | | | * | | |
| | **42,38** | **33** | 370 | 1,28 | 0,84 | 0,64 | | | | * | | |
| | **35,65** | **39** | 370 | 1,51 | 1,00 | 0,76 | | | | | | |
| | **31,28** | **45** | 370 | 1,74 | 1,15 | 0,87 | | | | | * | * |
| | **28,91** | **48** | 380 | 1,91 | 1,26 | 0,95 | | | | | | |
| | **27,00** | **52** | 400 | 2,18 | 1,44 | 1,09 | | | | | | |
| | **24,58** | **57** | 430 | 2,57 | 1,69 | 1,28 | | | | | * | * |
| | **21,85** | **64** | 420 | 2,81 | 1,86 | 1,41 | | | | | * | * |
| **W** | 19,57 | 72 | 400 | 3,02 | 1,99 | 1,51 | | | | | | * |
| | 16,46 | 85 | 400 | 3,56 | 2,35 | 1,78 | | | | | | * |
| mm | 15,38 | 91 | 430 | 4,10 | 2,70 | 2,05 | | | | | | |
| ⇨📖B60 | 13,67 | 102 | 410 | 4,38 | 2,89 | 2,19 | | | | | | |
| | 12,68 | 110 | 430 | 4,95 | 3,27 | 2,48 | | | | | | |
| | 11,25 | 124 | 410 | 5,32 | 3,51 | 2,66 | | | | | | |
| | 10,04 | 139 | 400 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 8,92 | 157 | 370 | *5,50* | *3,63* | *2,75* | | | | | | |
| **IEC** | 8,15 | 172 | 360 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 7,49 | 187 | 350 | *5,50* | *3,63* | *2,75* | | | | | | |
| mm | 6,30 | 222 | 320 | *5,50* | *3,63* | *2,75* | | | | | | |
| ⇨📖B65 | 5,88 | 238 | 300 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 5,23 | 268 | 270 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 4,69 | 299 | 250 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 4,22 | 332 | 230 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 3,83 | 366 | 220 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 3,27 | 428 | 190 | *5,50* | *3,63* | *2,75* | | | | | | |
| | 2,92 | 479 | 170 | *5,50* | *3,63* | *2,75* | | | | | | |

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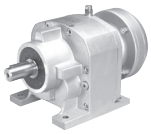
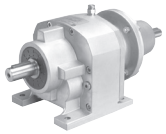
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 572.1*** | 18 | 18 | 18 | 18 | 18 | 19 | 19 |

**SK 572.1*** → 📖A8





# SK 573.1



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 573.1*** | **402,80** | **3,5** | 370 | 0,14 | 0,09 | 0,07 | * | * | * | * | | |
| | **376,20** | **3,7** | 410 | 0,16 | 0,10 | 0,08 | * | * | * | * | | |
| | **316,18** | **4,4** | 420 | 0,19 | 0,13 | 0,10 | | * | * | * | | |
| | **302,91** | **4,6** | 440 | 0,21 | 0,14 | 0,11 | | * | * | * | | |
| | **269,26** | **5,2** | 450 | 0,25 | 0,16 | 0,12 | | * | * | * | | |
| | **226,30** | **6,2** | 450 | 0,29 | 0,19 | 0,15 | | * | * | * | | |
| | **201,16** | **7,0** | 450 | 0,33 | 0,22 | 0,16 | | * | * | * | | |
| | **188,91** | **7,4** | 450 | 0,35 | 0,23 | 0,17 | | * | * | * | | |
| | **178,56** | **7,8** | 450 | 0,37 | 0,24 | 0,18 | | | * | * | | |
| **W** | **158,78** | **8,8** | 450 | 0,41 | 0,27 | 0,21 | | | * | * | | |
| | **141,13** | **9,9** | 450 | 0,47 | 0,31 | 0,23 | | | * | * | | |
| mm | **136,40** | **10** | 450 | 0,47 | 0,31 | 0,24 | | | * | * | | |
| ⇨📖B60 | **125,45** | **11** | 450 | 0,52 | 0,34 | 0,26 | | | * | * | | |
| | **111,36** | **13** | 450 | 0,61 | 0,40 | 0,31 | | | * | * | | |
| | **109,12** | **13** | 450 | 0,61 | 0,40 | 0,31 | | | * | * | | |
| | 107,42 | 13 | 430 | 0,59 | 0,39 | 0,29 | | | * | * | | |
| | 94,50 | 15 | 450 | 0,71 | 0,47 | 0,35 | | | * | * | | |
| **IEC** | 85,18 | 16 | 450 | 0,75 | 0,50 | 0,38 | | | | * | | |
| | 76,88 | 18 | 450 | 0,85 | 0,56 | 0,42 | | | | * | | |
| mm | 67,64 | 21 | 450 | 0,99 | 0,65 | 0,49 | | | | * | | |
| ⇨📖B66 | 60,97 | 23 | 450 | 1,08 | 0,72 | 0,54 | | | | * | | |
| | 55,80 | 25 | 450 | 1,18 | 0,78 | 0,59 | | | | * | | |
| | 49,60 | 28 | 450 | 1,32 | 0,87 | 0,66 | | | | * | | |
| | 47,95 | 29 | 450 | 1,37 | 0,90 | 0,68 | | | | * | | |
| | 43,40 | 32 | 450 | 1,51 | 1,00 | 0,75 | | | | | | |
| | 42,18 | 33 | 450 | 1,55 | 1,03 | 0,78 | | | | | | |
| | 38,02 | 37 | 450 | 1,74 | 1,15 | 0,87 | | | | | * | * |
| | 34,80 | 40 | 440 | 1,84 | 1,22 | 0,92 | | | | | * | * |
| | 30,93 | 45 | 440 | 2,07 | 1,37 | 1,04 | | | | | * | * |
| | 26,77 | 52 | 430 | 2,34 | 1,55 | 1,17 | | | | | * | * |
| | 23,79 | 59 | 430 | 2,66 | 1,75 | 1,33 | | | | | * | * |
| | 21,32 | 66 | 430 | 2,97 | 1,96 | 1,49 | | | | | * | * |
| | 19,22 | 73 | 430 | 3,29 | 2,17 | 1,64 | | | | | | * |
| | 17,42 | 80 | 430 | 3,60 | 2,38 | 1,80 | | | | | | * |

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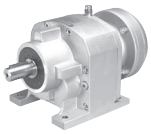
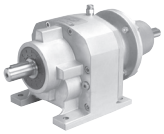
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 573.1*** | 19 | 19 | 19 | 19 | 19 | 20 | 20 |

**SK 573.1*** → 📖A8

# SK 672.1





DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 672.1** | **56,65** | **25** | 400 | 1,05 | 0,69 | 0,52 | | | | * | | | |
| | **44,55** | **31** | 450 | 1,46 | 0,96 | 0,73 | | | | * | | | |
| | **35,75** | **39** | 550 | 2,25 | 1,48 | 1,12 | | | | | | | |
| | **32,58** | **43** | 610 | 2,75 | 1,81 | 1,37 | | | | | * | * | |
| | **29,08** | **48** | 550 | 2,76 | 1,82 | 1,38 | | | | | * | * | |
| | **26,23** | **53** | 610 | 3,39 | 2,23 | 1,69 | | | | | | * | |
| | **23,41** | **60** | 610 | 3,83 | 2,53 | 1,92 | | | | | | * | |
| | 20,62 | 68 | 610 | 4,34 | 2,87 | 2,17 | | | | | | | |
| | 18,41 | 76 | 610 | 4,85 | 3,20 | 2,43 | | | | | | | |
| | 17,25 | 81 | 610 | 5,17 | 3,41 | 2,59 | | | | | | | |
| **W** | 15,35 | 91 | 610 | 5,81 | 3,84 | 2,91 | | | | | | | * |
| mm | 13,70 | 102 | 580 | 6,19 | 4,09 | 3,10 | | | | | | | * |
| ⇨📖B60 | 12,56 | 111 | 570 | 6,63 | 4,37 | 3,31 | | | | | | | * |
| | 11,38 | 123 | 570 | 7,34 | 4,85 | 3,67 | | | | | | | * |
| | 10,37 | 135 | 570 | 8,06 | 5,32 | 4,03 | | | | | | | * |
| | 9,25 | 151 | 530 | 8,38 | 5,53 | 4,19 | | | | | | | * |
| | 8,66 | 162 | 530 | 8,99 | 5,93 | 4,50 | | | | | | | * |
| **IEC** | 8,48 | 165 | 530 | 9,16 | 6,04 | 4,58 | | | | | | | * |
| | 7,68 | 182 | 530 | *9,20* | *6,07* | *4,60* | | | | | | | |
| mm | 6,75 | 207 | 520 | *9,20* | *6,07* | *4,60* | | | | | | | |
| ⇨📖B67 | 6,12 | 229 | 510 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 5,59 | 250 | 490 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 5,06 | 277 | 480 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 4,61 | 304 | 450 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 4,22 | 332 | 420 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 3,88 | 361 | 400 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 3,58 | 391 | 360 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 3,31 | 423 | 340 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 3,07 | 456 | 320 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 2,86 | 490 | 300 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 2,66 | 526 | 280 | *9,20* | *6,07* | *4,60* | | | | | | | |

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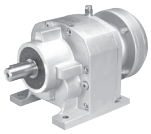
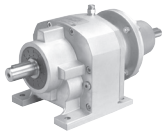
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 672.1** | 24 | 23 | 23 | 23 | 23 | 24 | 24 | 26 |





# SK 673.1



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 673.1** | **362,43** | **3,9** | 640 | 0,26 | 0,17 | 0,13 | | * | * | * | | | |
| | **332,23** | **4,2** | 640 | 0,28 | 0,19 | 0,14 | | * | * | * | | | |
| | **304,61** | **4,6** | 640 | 0,31 | 0,20 | 0,15 | | * | * | * | | | |
| | **279,23** | **5,0** | 640 | 0,34 | 0,22 | 0,17 | | * | * | * | | | |
| | **248,20** | **5,6** | 640 | 0,38 | 0,25 | 0,19 | | | * | * | | | |
| | **220,32** | **6,4** | 640 | 0,43 | 0,28 | 0,21 | | | * | * | | | |
| | **219,00** | **6,4** | 640 | 0,43 | 0,28 | 0,21 | | | * | * | | | |
| | **194,11** | **7,2** | 640 | 0,48 | 0,32 | 0,24 | | | * | * | | | |
| | **181,88** | **7,7** | 640 | 0,52 | 0,34 | 0,26 | | | * | * | | | |
| **W** | **177,94** | **7,9** | 640 | 0,53 | 0,35 | 0,26 | | | * | * | | | |
| | **161,45** | **8,7** | 640 | 0,58 | 0,38 | 0,29 | | | * | * | | | |
| mm | **146,88** | **9,5** | 640 | 0,64 | 0,42 | 0,32 | | | * | * | | | |
| ⇨📖B60 | **143,30** | **9,8** | 640 | 0,66 | 0,43 | 0,33 | | | * | * | | | |
| | **134,64** | **10** | 640 | 0,67 | 0,44 | 0,34 | | | * | * | | | |
| | **130,55** | **11** | 640 | 0,74 | 0,49 | 0,37 | | | * | * | | | |
| | **123,33** | **11** | 640 | 0,74 | 0,49 | 0,37 | | | * | * | | | |
| | **115,89** | **12** | 640 | 0,80 | 0,53 | 0,40 | | | | * | | | |
| **IEC** | 103,48 | 14 | 640 | 0,94 | 0,62 | 0,47 | | | | * | | | |
| | 94,86 | 15 | 640 | 1,01 | 0,66 | 0,50 | | | | * | | | |
| mm | 83,70 | 17 | 640 | 1,14 | 0,75 | 0,57 | | | | * | | | |
| ⇨📖B68 | 73,64 | 19 | 640 | 1,27 | 0,84 | 0,64 | | | | * | | | |
| | 65,95 | 21 | 640 | 1,41 | 0,93 | 0,70 | | | | * | | | |
| | 60,45 | 23 | 640 | 1,54 | 1,02 | 0,77 | | | | | | | |
| | 55,12 | 25 | 640 | 1,68 | 1,11 | 0,84 | | | | | * | * | |
| | 49,50 | 28 | 640 | 1,88 | 1,24 | 0,94 | | | | | * | * | |
| | 44,85 | 31 | 640 | 2,08 | 1,37 | 1,04 | | | | | * | * | |
| | 41,54 | 34 | 640 | 2,28 | 1,50 | 1,14 | | | | | * | * | * |
| | 37,23 | 38 | 640 | 2,55 | 1,68 | 1,27 | | | | | * | * | * |
| | 34,12 | 41 | 600 | 2,58 | 1,70 | 1,29 | | | | | * | * | * |
| | 30,92 | 45 | 530 | 2,50 | 1,65 | 1,25 | | | | | * | * | * |
| | 27,61 | 51 | 520 | 2,78 | 1,83 | 1,39 | | | | | * | * | * |
| | 25,19 | 56 | 500 | 2,93 | 1,94 | 1,47 | | | | | * | * | * |
| | 22,82 | 61 | 450 | 2,87 | 1,90 | 1,44 | | | | | * | * | * |

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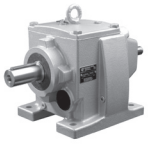
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 673.1** | 25 | 24 | 24 | 24 | 24 | 25 | 25 | 27 |

# SK 772.1



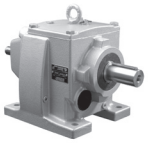
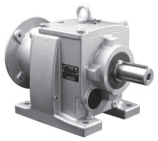
DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 772.1** | 26,86 | 52 | 820 | 4,46 | 2,95 | 2,23 | ■ | ■ | ■ | ■ | ■ | |
| | 24,41 | 57 | 820 | 4,89 | 3,23 | 2,45 | ■ | ■ | ■ | ■ | ■ | |
| | 20,31 | 69 | 820 | 5,92 | 3,91 | 2,96 | ■ | ■ | ■ | ■ | ■ | * |
| | 18,46 | 76 | 780 | 6,21 | 4,10 | 3,10 | ■ | ■ | ■ | ■ | ■ | * |
| **W** | 16,66 | 84 | 770 | 6,77 | 4,47 | 3,39 | ■ | ■ | ■ | ■ | ■ | * |
| | 15,62 | 90 | 760 | 7,16 | 4,73 | 3,58 | ■ | ■ | ■ | ■ | ■ | * |
| mm | 14,38 | 97 | 720 | 7,31 | 4,83 | 3,66 | ■ | ■ | ■ | ■ | ■ | * |
| ⇨📖B60 | 13,07 | 107 | 700 | 7,84 | 5,18 | 3,92 | ■ | ■ | ■ | ■ | ■ | * |
| | 11,67 | 120 | 690 | 8,67 | 5,72 | 4,34 | | | ■ | ■ | ■ | * |
| | 11,06 | 127 | 690 | 9,18 | 6,06 | 4,59 | ■ | ■ | ■ | ■ | ■ | * |
| | 10,60 | 132 | 680 | 9,40 | 6,20 | 4,70 | | | ■ | ■ | ■ | |
| | 10,00 | 140 | 680 | 9,97 | 6,58 | 4,98 | ■ | ■ | ■ | ■ | ■ | |
| **IEC** | 8,97 | 156 | 660 | 10,78 | 7,12 | 5,39 | | | ■ | ■ | ■ | |
| | 8,12 | 172 | 640 | 11,53 | 7,61 | 5,76 | | | ■ | ■ | ■ | |
| mm | 7,63 | 183 | 620 | 11,88 | 7,84 | 5,94 | ■ | ■ | ■ | ■ | ■ | |
| ⇨📖B69 | 6,63 | 211 | 600 | 13,26 | 8,75 | 6,63 | ■ | ■ | ■ | ■ | ■ | |
| | 6,19 | 226 | 580 | 13,73 | 9,06 | 6,86 | | | ■ | ■ | ■ | |
| | 5,38 | 260 | 570 | *15,00* | *9,90* | *7,50* | | | ■ | ■ | ■ | |
| | 4,71 | 297 | 560 | *15,00* | *9,90* | *7,50* | | | | | | ■ |
| | 4,42 | 317 | 540 | *15,00* | *9,90* | *7,50* | | | | | | ■ |
| | 3,84 | 365 | 530 | *15,00* | *9,90* | *7,50* | | | | | | ■ |
| | 3,59 | 390 | 490 | *15,00* | *9,90* | *7,50* | | | | | | ■ |
| | 3,12 | 449 | 485 | *15,00* | *9,90* | *7,50* | | | | | | ■ |

* ⇨📖A63

| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|
| **SK 772.1** | 42 | 40 | 44 | 44 | 48 | 48 | 57 |

# SK 773.1



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 773.1** | **395,46** | 3,5 | 850 | 0,31 | 0,21 | 0,16 | * | * | | | | |
| | **341,21** | 4,1 | 850 | 0,36 | 0,24 | 0,18 | * | * | | | | |
| | **334,70** | 4,2 | 870 | 0,38 | 0,25 | 0,19 | | * | | | | |
| | **307,42** | 4,6 | 850 | 0,41 | 0,27 | 0,20 | | * | * | | | |
| | **288,78** | 4,8 | 850 | 0,43 | 0,28 | 0,21 | | * | | | | |
| | **265,24** | 5,3 | 850 | 0,47 | 0,31 | 0,24 | | * | * | | | |
| | **260,18** | 5,4 | 870 | 0,49 | 0,32 | 0,25 | | * | * | | | |
| | **243,53** | 5,7 | 850 | 0,51 | 0,33 | 0,25 | | * | | | | |
| | **224,49** | 6,2 | 850 | 0,55 | 0,36 | 0,28 | | * | * | | | |
| | **206,11** | 6,8 | 870 | 0,62 | 0,41 | 0,31 | | * | | | | |
| **W** | **189,31** | 7,4 | 850 | 0,66 | 0,43 | 0,33 | | * | * | | | |
| mm | **178,53** | 7,8 | 850 | 0,69 | 0,46 | 0,35 | | * | | | | |
| ⇨📖B60 | **160,22** | 8,7 | 870 | 0,79 | 0,52 | 0,40 | | | * | | | |
| | **151,10** | 9,3 | 700 | 0,68 | 0,45 | 0,34 | | | | | | |
| | **138,78** | 10 | 850 | 0,89 | 0,59 | 0,45 | | | * | | | |
| | **117,46** | 12 | 870 | 1,09 | 0,72 | 0,55 | | | * | | | |
| | 111,92 | 13 | 850 | 1,16 | 0,76 | 0,58 | | | * | * | * | |
| **IEC** | 96,57 | 14 | 850 | 1,25 | 0,82 | 0,62 | | | * | * | * | |
| | 93,61 | 15 | 850 | 1,34 | 0,88 | 0,67 | | | * | * | * | |
| mm | 83,32 | 17 | 850 | 1,51 | 1,00 | 0,76 | | | | * | * | * |
| ⇨📖B69 | 79,23 | 18 | 870 | 1,64 | 1,08 | 0,82 | | | | * | * | |
| | 71,89 | 19 | 850 | 1,69 | 1,12 | 0,85 | | | | * | * | * |
| | 68,92 | 20 | 850 | 1,78 | 1,17 | 0,89 | | | | * | * | |
| | 63,42 | 22 | 850 | 1,96 | 1,29 | 0,98 | | | | * | * | * |
| | 57,64 | 24 | 850 | 2,14 | 1,41 | 1,07 | | | | * | * | |
| | 51,31 | 27 | 850 | 2,40 | 1,59 | 1,20 | | | | * | * | * |
| | 47,61 | 29 | 870 | 2,64 | 1,74 | 1,32 | | | | * | * | * |
| | 43,43 | 32 | 870 | 2,92 | 1,92 | 1,46 | | | | * | * | * |
| | 39,06 | 36 | 850 | 3,20 | 2,11 | 1,60 | | | | | * | * |
| | 35,77 | 39 | 820 | 3,35 | 2,21 | 1,67 | | | | | * | |
| | 31,83 | 44 | 820 | 3,78 | 2,49 | 1,89 | | | | | * | * |
| | 28,63 | 49 | 820 | 4,21 | 2,78 | 2,10 | | | | | | * |
| | 25,39 | 55 | 820 | 4,72 | 3,12 | 2,36 | | | | | | * |
| | 24,23 | 58 | 760 | 4,62 | 3,05 | 2,31 | | | | | | * |
| | 21,49 | 65 | 750 | 5,10 | 3,37 | 2,55 | | | | | | * |

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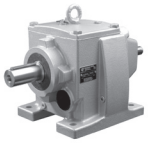
| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|
| **SK 773.1** | 44 | 42 | 46 | 46 | 50 | 50 | 59 |

# SK 872.1



DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 872.1** | **42,67** | 33 | 1400 | 4,84 | 3,19 | 2,42 | | | | * | | |
| | **38,77** | 36 | 1300 | 4,90 | 3,23 | 2,45 | | | | * | | |
| | **35,08** | 40 | 1200 | 5,03 | 3,32 | 2,51 | | | | * | | |
| | **32,00** | 44 | 1600 | 7,37 | 4,87 | 3,69 | | | | * | | |
| | **29,08** | 48 | 1560 | 7,84 | 5,17 | 3,92 | | | | * | | |
| **W** | **28,00** | 50 | 1600 | 8,38 | 5,53 | 4,19 | | | | * | * | |
| | **25,44** | 55 | 1600 | 9,21 | 6,08 | 4,61 | | | | | * | |
| mm | **23,02** | 61 | 1560 | 9,96 | 6,58 | 4,98 | | | | | * | |
| ⇨📖B60 | 18,67 | 75 | 1540 | 12,09 | 7,98 | 6,05 | | | | | * | |
| | 16,96 | 83 | 1540 | 13,38 | 8,83 | 6,69 | | | | | * | |
| | 15,18 | 92 | 1470 | 14,16 | 9,35 | 7,08 | | | | | * | * |
| | 13,79 | 102 | 1470 | 15,70 | 10,36 | 7,85 | | | | | | * |
| **IEC** | 12,48 | 112 | 1470 | 17,24 | 11,38 | 8,62 | | | | | | * |
| | 11,24 | 125 | 1400 | 18,32 | 12,09 | 9,16 | | | | | | * |
| mm | 10,44 | 134 | 1400 | 19,64 | 12,97 | 9,82 | | | | | | * |
| ⇨📖B70 | 9,24 | 152 | 1380 | 21,96 | 14,50 | 10,98 | | | | | | * |
| | 8,87 | 158 | 1340 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 7,73 | 181 | 1300 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 6,57 | 213 | 1230 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 5,66 | 247 | 1150 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 5,50 | 255 | 1150 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 4,68 | 299 | 1100 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 4,03 | 347 | 900 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 3,69 | 379 | 880 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 3,18 | 440 | 840 | *22,00* | *14,52* | *11,00* | | | | | | |

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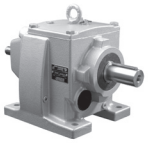
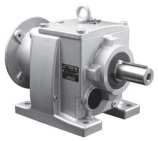
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|
| **SK 872.1** | 87 | 82 | 89 | 89 | 103 | 113 | 113 |

# SK 873.1



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 873.1** | **439,77** | 4,0 | 1700 | 0,71 | 0,47 | 0,35 | * | | | | | |
| | **399,60** | 4,4 | 1700 | 0,78 | 0,51 | 0,39 | * | | | | | |
| | **383,39** | 4,6 | 1700 | 0,81 | 0,53 | 0,41 | * | | | | | |
| | **348,37** | 5,0 | 1700 | 0,89 | 0,59 | 0,45 | * | | | | | |
| | **315,19** | 5,6 | 1700 | 0,99 | 0,65 | 0,49 | * | | | | | |
| | **284,73** | 6,1 | 1700 | 1,09 | 0,72 | 0,55 | * | * | * | | | |
| | **257,61** | 6,8 | 1700 | 1,21 | 0,79 | 0,60 | * | * | * | | | |
| | **232,16** | 7,5 | 1700 | 1,34 | 0,88 | 0,67 | * | | | | | |
| | **210,95** | 8,3 | 1700 | 1,48 | 0,97 | 0,74 | * | | | | | |
| **W** | **190,86** | 9,2 | 1700 | 1,63 | 1,07 | 0,82 | | | | | | |
| | **165,42** | 11 | 1700 | 1,88 | 1,24 | 0,94 | | * | * | | | |
| mm | **150,31** | 12 | 1700 | 2,07 | 1,36 | 1,04 | | * | * | | | |
| ⇨📖B60 | **135,99** | 13 | 1700 | 2,29 | 1,51 | 1,15 | | * | * | | | |
| | 127,52 | 14 | 1700 | 2,44 | 1,61 | 1,22 | | * | * | * | | |
| | 115,88 | 15 | 1700 | 2,69 | 1,77 | 1,34 | | * | * | * | | |
| | 104,84 | 17 | 1700 | 2,97 | 1,95 | 1,49 | | * | * | * | | |
| | 101,02 | 17 | 1700 | 3,08 | 2,03 | 1,54 | | | * | * | | |
| **IEC** | 91,43 | 19 | 1700 | 3,41 | 2,24 | 1,70 | | | * | * | * | |
| | 83,08 | 21 | 1700 | 3,75 | 2,46 | 1,88 | | | * | * | * | |
| mm | 74,29 | 24 | 1700 | 4,19 | 2,76 | 2,10 | | | | * | * | * |
| ⇨📖B70 | 67,50 | 26 | 1700 | 4,62 | 3,03 | 2,31 | | | | * | * | * |
| | 61,07 | 29 | 1700 | 5,10 | 3,35 | 2,55 | | | | * | * | * |
| | 55,35 | 32 | 1700 | 5,63 | 3,70 | 2,81 | | | | * | | |
| | 50,32 | 35 | 1700 | 6,19 | 4,07 | 3,10 | | | | * | * | * |
| | 45,53 | 38 | 1700 | 6,84 | 4,50 | 3,42 | | | | * | * | * |
| | 39,68 | 44 | 1700 | 7,85 | 5,16 | 3,93 | | | | * | * | |
| | 35,63 | 49 | 1700 | 8,74 | 5,75 | 4,37 | | | | * | * | * |
| | 32,24 | 54 | 1700 | 9,66 | 6,35 | 4,83 | | | | | * | * |
| | 30,47 | 57 | 1680 | 10,1 | 6,64 | 5,05 | | | | | * | * |
| | 27,57 | 63 | 1650 | 11,0 | 7,21 | 5,48 | | | | | * | * |
| | 25,69 | 67 | 1650 | 11,6 | 7,65 | 5,82 | | | | | * | * |
| | 23,49 | 75 | 1650 | 12,9 | 8,46 | 6,44 | | | | | * | * |
| | 21,38 | 82 | 1600 | 13,7 | 9,01 | 6,86 | | | | | * | * |
| | 19,34 | 90 | 1600 | 15,0 | 9,86 | 7,50 | | | | | | * |

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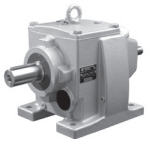
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|
| **SK 873.1** | 89 | 84 | 91 | 91 | 105 | 115 | 115 |

# SK 972.1



DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 972.1** | **42,76** | 33 | 2900 | 10,02 | 6,61 | 5,01 | | | | ■ | | | |
| | **37,19** | 38 | 2900 | 11,54 | 7,62 | 5,77 | | | | ■ | * | | |
| | **33,36** | 42 | 2900 | 12,75 | 8,42 | 6,38 | | | | ■ | * | | |
| | **30,29** | 46 | 2800 | 13,49 | 8,90 | 6,74 | | | | ■ | * | | |
| **W** | **27,66** | 51 | 2600 | 13,88 | 9,16 | 6,94 | | | | ■ | * | | |
| | **23,19** | 60 | 2300 | 14,45 | 9,54 | 7,23 | | | | ■ | * | | |
| mm | 21,99 | 64 | 2800 | 18,76 | 12,38 | 9,38 | | | | ■ | ■ | * | |
| ⇨📖B60 | 19,72 | 71 | 2800 | 20,82 | 13,74 | 10,41 | | | | ■ | ■ | * | |
| | 17,65 | 79 | 2800 | 23,16 | 15,29 | 11,58 | | | | ■ | ■ | ■ | |
| | 15,84 | 88 | 2740 | 25,25 | 16,66 | 12,62 | | | | ■ | ■ | ■ | |
| | 14,16 | 99 | 2670 | 27,68 | 18,27 | 13,84 | ■ | ■ | ■ | ■ | ■ | ■ | * |
| | 13,56 | 103 | 2610 | 28,15 | 18,58 | 14,07 | | | | ■ | ■ | ■ | * |
| **IEC** | 12,86 | 109 | 2610 | 29,79 | 19,66 | 14,89 | ■ | ■ | ■ | ■ | ■ | ■ | * |
| | 11,54 | 121 | 2520 | 31,93 | 21,07 | 15,96 | | ■ | ■ | ■ | ■ | ■ | ■ |
| mm | 10,35 | 135 | 2480 | 35,06 | 23,14 | 17,53 | | ■ | ■ | ■ | ■ | ■ | ■ |
| ⇨📖B71 | 9,40 | 149 | 2480 | *37,00* | *24,42* | *18,50* | | ■ | ■ | ■ | ■ | ■ | ■ |
| | 8,45 | 166 | 2350 | *37,00* | *24,42* | *18,50* | | | | ■ | ■ | ■ | ■ |
| | 7,19 | 195 | 2250 | *37,00* | *24,42* | *18,50* | | ■ | ■ | ■ | ■ | ■ | ■ |
| | 6,68 | 210 | 2240 | *37,00* | *24,42* | *18,50* | | | | ■ | ■ | ■ | ■ |
| | 6,17 | 227 | 2080 | *37,00* | *24,42* | *18,50* | | | | ■ | ■ | ■ | ■ |
| | 5,25 | 267 | 2000 | *37,00* | *24,42* | *18,50* | | ■ | ■ | ■ | ■ | ■ | ■ |
| | 4,56 | 307 | 2000 | *37,00* | *24,42* | *18,50* | | | | | | ■ | ■ |
| | 3,74 | 374 | 1825 | *37,00* | *24,42* | *18,50* | | | | | ■ | ■ | ■ |
| | 3,33 | 420 | 1700 | *37,00* | *24,42* | *18,50* | | | | | | ■ | ■ |

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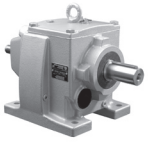
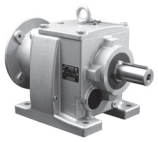
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 |
|---|---|---|---|---|---|---|---|---|
| **SK 972.1** | 126 | 121 | 128 | 128 | 142 | 152 | 152 | 173 |

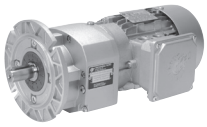
# SK 973.1



| | $i_{ges}$ | $n_2$ $n_1$= 1400min$^{-1}$ [min$^{-1}$] | $M_{2max}$ $f_B = 1$ [Nm] | W $P_{1max}$ $n_1$ = 1400min$^{-1}$ [kW] | W $P_{1max}$ $n_1$= 930min$^{-1}$ [kW] | W $f_B \geq 1$ $n_1$= 700min$^{-1}$ [kW] | IEC $f_B$ ⇨📖 B4-28 IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 973.1** | **456,77** | 3,1 | 3300 | 1,07 | 0,71 | 0,54 | * | | | | | |
| | **414,73** | 3,4 | 3300 | 1,17 | 0,78 | 0,59 | * | | | | | |
| | **362,89** | 3,9 | 3300 | 1,35 | 0,89 | 0,67 | * | | | | | |
| | **325,47** | 4,3 | 3300 | 1,49 | 0,98 | 0,74 | * | * | * | | | |
| | **295,50** | 4,7 | 3300 | 1,62 | 1,07 | 0,81 | | * | * | | | |
| | **258,57** | 5,4 | 3300 | 1,87 | 1,23 | 0,93 | | * | * | | | |
| | **234,77** | 6,0 | 3300 | 2,07 | 1,37 | 1,04 | | * | * | | | |
| | **197,50** | 7,1 | 3300 | 2,45 | 1,62 | 1,23 | | * | * | | | |
| | **179,32** | 7,8 | 3300 | 2,70 | 1,78 | 1,35 | | * | * | | | |
| **W** | **173,58** | 8,1 | 3000 | 2,54 | 1,68 | 1,27 | | * | * | | | |
| | **157,60** | 8,9 | 3000 | 2,80 | 1,85 | 1,40 | | * | * | | | |
| mm | 132,45 | 11 | 3300 | 3,80 | 2,51 | 1,90 | | | * | * | | |
| ⇨📖B60 | 120,26 | 12 | 3300 | 4,15 | 2,74 | 2,07 | | | | * | | |
| | 105,23 | 13 | 3200 | 4,36 | 2,87 | 2,18 | | | | * | | |
| | 94,96 | 15 | 3300 | 5,18 | 3,42 | 2,59 | | | | * | * | |
| | 86,22 | 16 | 3300 | 5,53 | 3,65 | 2,76 | | | | * | * | |
| | 77,16 | 18 | 3300 | 6,22 | 4,11 | 3,11 | | | | * | * | * |
| **IEC** | 75,44 | 19 | 3300 | 6,57 | 4,33 | 3,28 | | | | * | * | |
| | 68,50 | 20 | 3300 | 6,91 | 4,56 | 3,46 | | | | * | * | |
| mm | 65,98 | 21 | 3200 | 7,04 | 4,64 | 3,52 | | | | * | * | * |
| ⇨📖B71 | 59,91 | 23 | 3200 | 7,71 | 5,09 | 3,85 | | | | * | * | * |
| | 55,66 | 25 | 3200 | 8,38 | 5,53 | 4,19 | | | | * | * | * |
| | 52,32 | 27 | 3200 | 9,05 | 5,97 | 4,52 | | | | * | * | |
| | 47,60 | 29 | 3200 | 9,72 | 6,41 | 4,86 | | | | | * | * |
| | 42,51 | 33 | 3200 | 11,06 | 7,30 | 5,53 | | | | | * | * |
| | 37,36 | 37 | 3200 | 12,40 | 8,18 | 6,20 | | | | | * | * |
| | 35,19 | 40 | 3200 | 13,40 | 8,85 | 6,70 | | | | | * | * |
| | 31,95 | 44 | 3200 | 14,74 | 9,73 | 7,37 | | | | | * | * |
| | 30,97 | 45 | 3100 | 14,61 | 9,64 | 7,30 | | | | | * | * |
| | 27,22 | 51 | 3000 | 16,02 | 10,57 | 8,01 | | | | | | * |
| | 25,51 | 55 | 3000 | 17,28 | 11,40 | 8,64 | | | | | | * |
| | 22,42 | 62 | 2800 | 18,18 | 12,00 | 9,09 | | | | | | * |

* ⇨📖A63

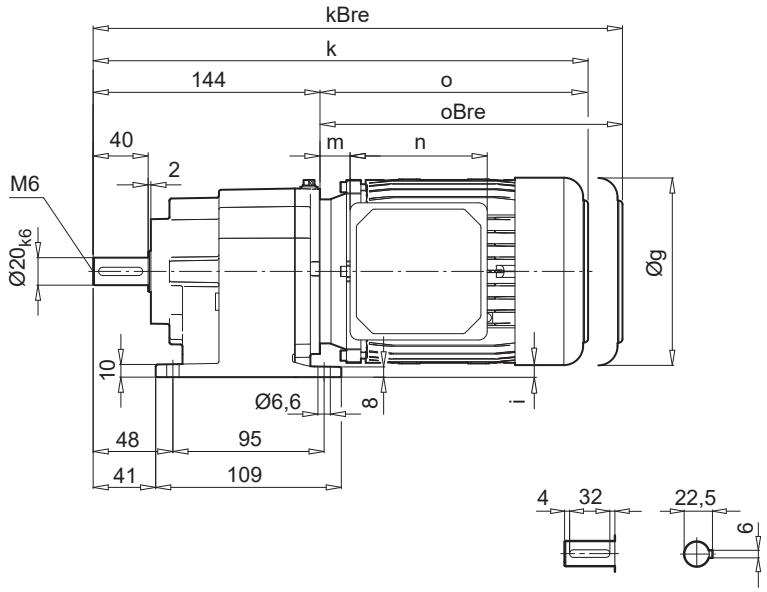
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|
| **SK 973.1** | 121 | 116 | 123 | 123 | 137 | 147 | 147 |

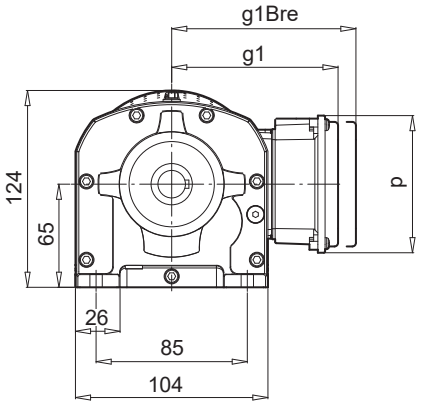




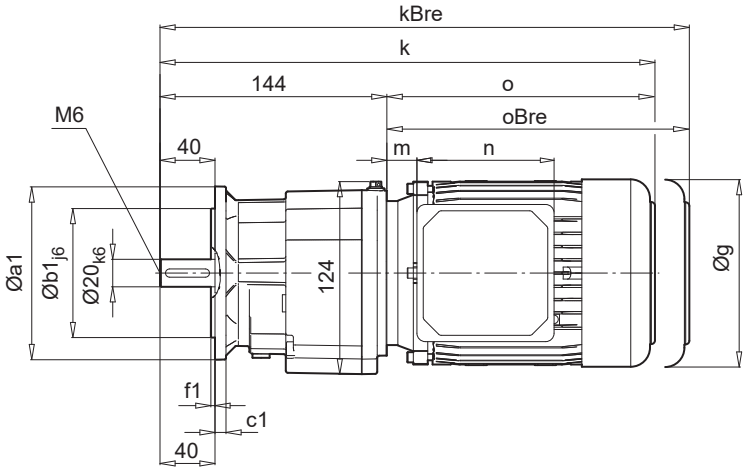


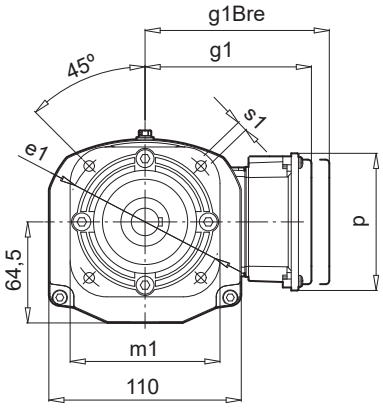
## SK 072.1




## SK 072.1F

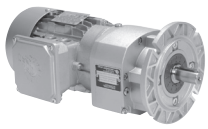
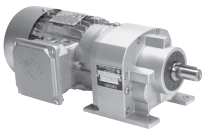


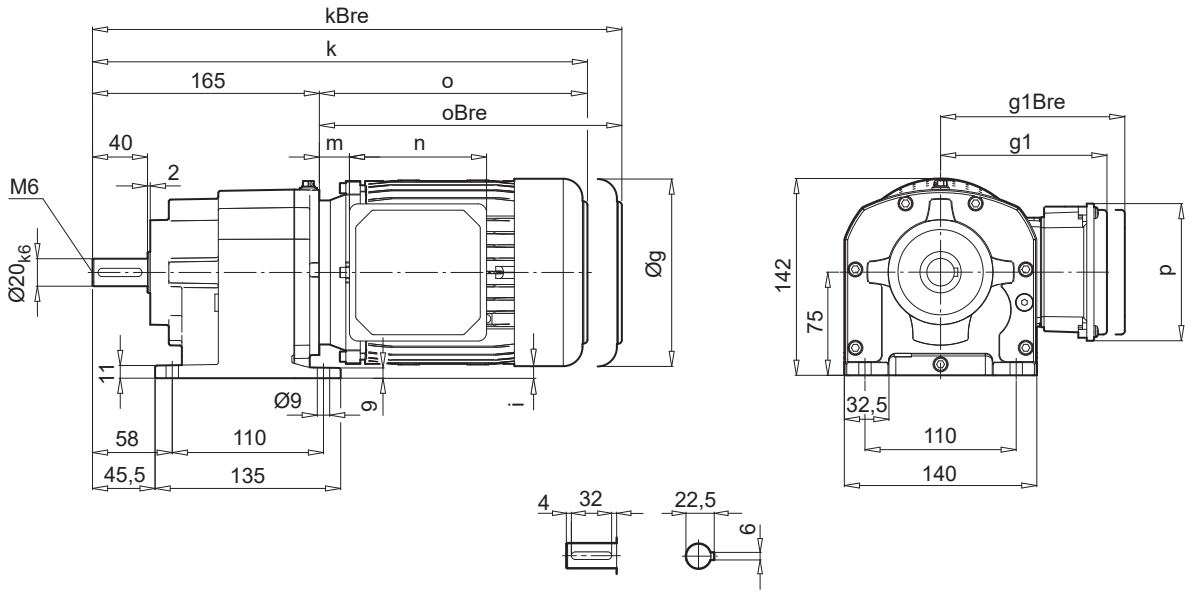

| a1 | b1 | c1 | e1 | f1 | s1 | m1 |
|---|---|---|---|---|---|---|
| 120 | 80 | 7 | 100 | 3,0 | 6,6 | 90 |
| 140 | 95 | 9 | 115 | 3,0 | 9 | 110 |
| 160 | 110 | 10 | 130 | 3,5 | 9 | 125 |

| ± ⇨ A61 | 63 S / L | 63 LA | 71 S / L | 71 LA | | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 130 | 145 | 145 | | | |
| g1 / g1Bre | 115 / 123 | 115 / 123 | 124 / 133 | 124 / 133 | | | |
| k / kBre | 336 / 392 | 336 / 392 | 358 / 416 | 358 / 416 | | | |
| o / oBre | 192 / 248 | 192 / 248 | 214 / 272 | 214 / 272 | | | |
| m / mBre | 12 / 19 | 12 / 19 | 20 / 27 | 20 / 27 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 100 / 134 | 100 / 134 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 100 / 89 | 100 / 89 | | | |
| i | - | - | -7,5 | -7,5 | | | |

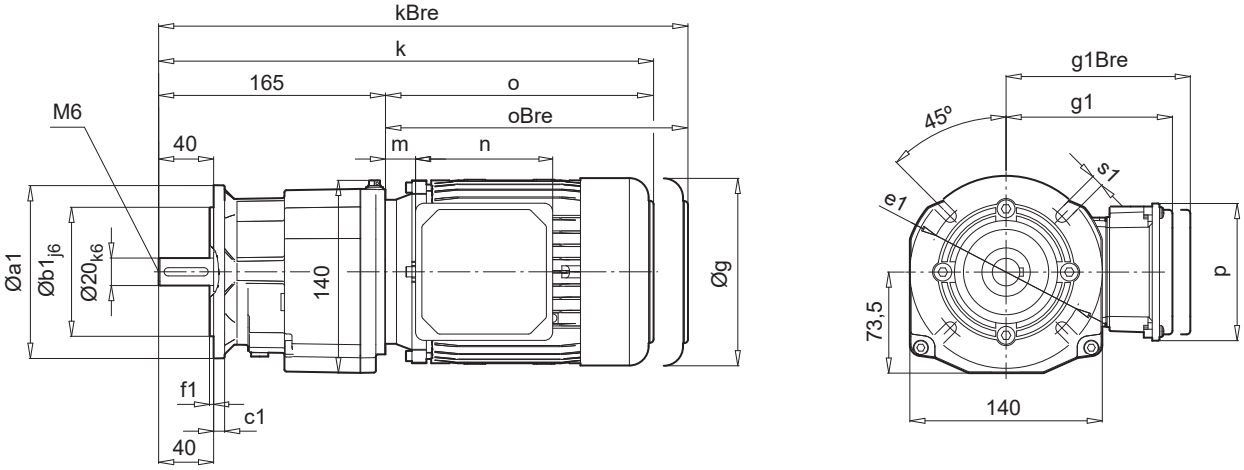
IEC 56 - 71 ⇨ B61

## SK 172.1




## SK 172.1F

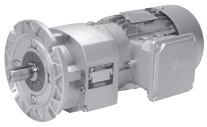



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 8 | 100 | 3,0 | 6,6 |
| 140 | 95 | 8 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |

| ± ⇨🕮 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 357 / 413 | 379 / 437 | 401 / 465 | 401 / 465 | 441 / 516 | | |
| o / oBre | 192 / 248 | 214 / 272 | 236 / 300 | 236 / 300 | 276 / 351 | | |
| m / mBre | 12 / 19 | 20 / 27 | 22 / 26 | 22 / 26 | 26 / 30 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| i | 10 | 2,5 | -7,5 | -7,5 | -16,5 | | |

W ⇨🕮 B60

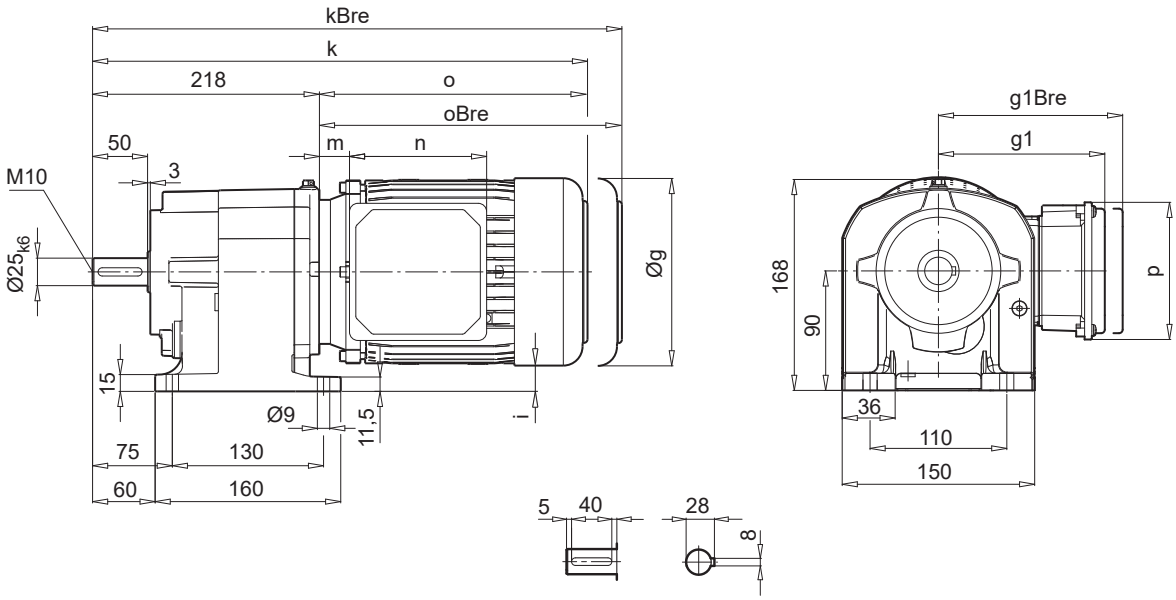
IEC 56 - 90 ⇨🕮 B62



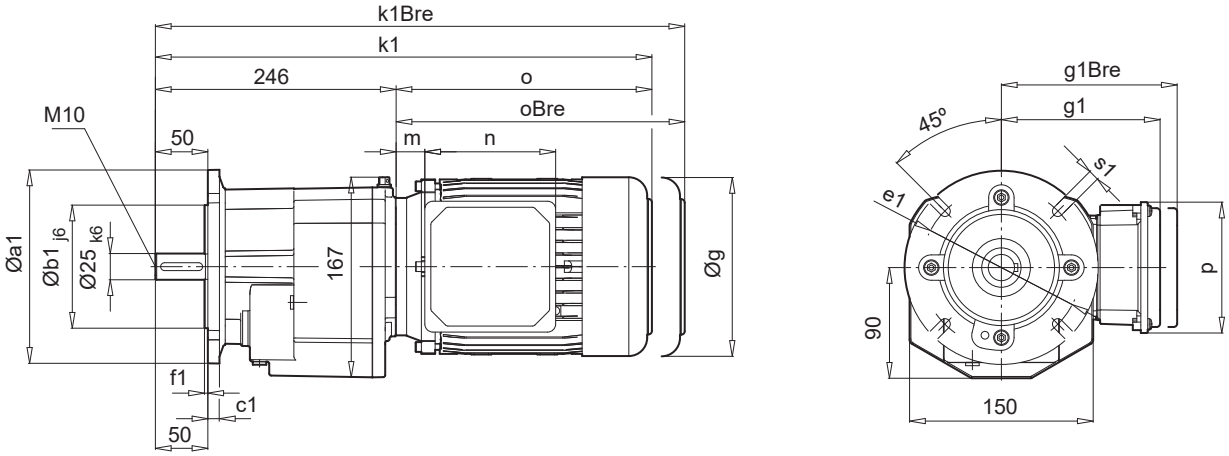




## SK 372.1




## SK 372.1F

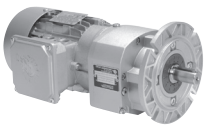
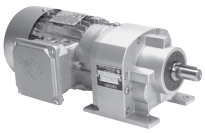



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | ⇨🕮 A8, B75 | | | | |
| 140 | 95 | 9 | 115 | 3,0 | 8,6 |
| 160 | 110 | 10 | 130 | 3,5 | 8,6 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |

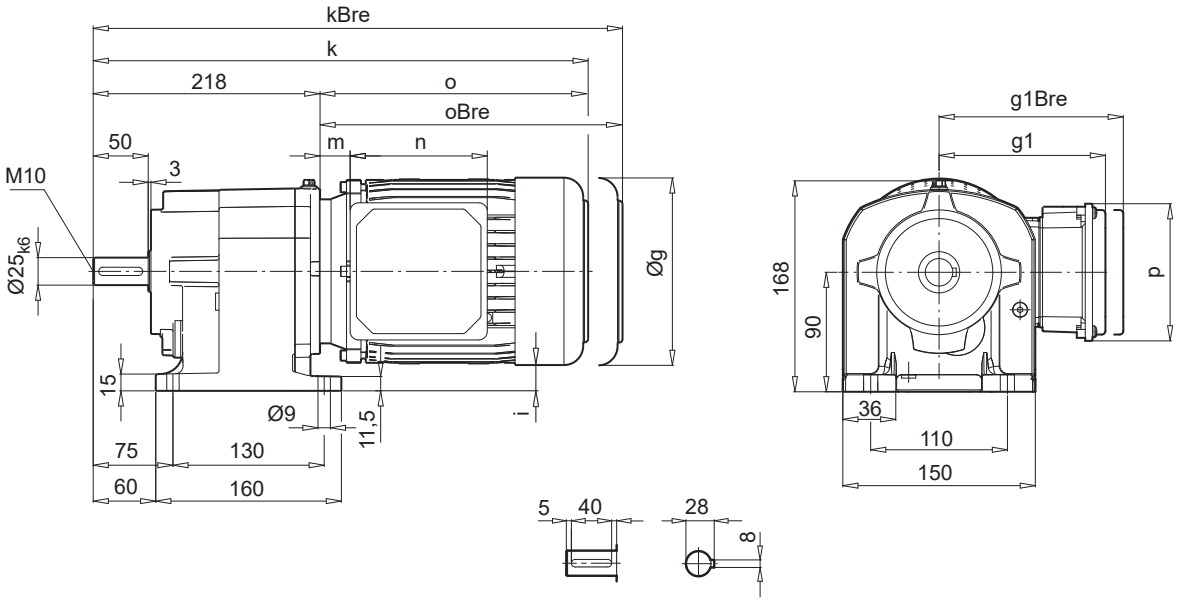
| ± ⇨🕮 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | |
| k / kBre | 414 / 470 | 454 / 512 | 479 / 543 | 479 / 543 | 520 / 595 | 550 / 641 | |
| k1 / k1Bre | 442 / 498 | 482 / 540 | 507 / 571 | 507 / 571 | 548 / 623 | 578 / 669 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |
| i | 25 | 17,5 | 7,5 | 7,5 | -1,5 | -10,5 | |

W ⇨🕮 B60

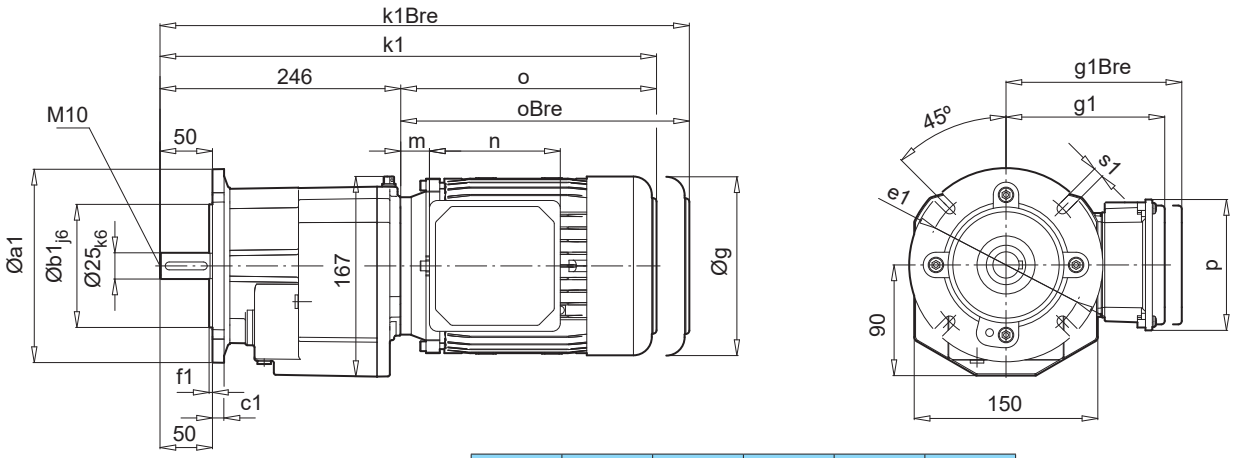
IEC 63 - 100⇨🕮 B63

## SK 373.1




## SK 373.1F

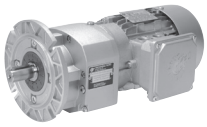



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | ⇨🕮 A8, B75 | | | | |
| 140 | 95 | 9 | 115 | 3,0 | 8,6 |
| 160 | 110 | 10 | 130 | 3,5 | 8,6 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |

| ± ⇨🕮 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 414 / 470 | 454 / 512 | 479 / 543 | 479 / 543 | 520 / 595 | | |
| k1 / k1Bre | 442 / 498 | 482 / 540 | 507 / 571 | 507 / 571 | 548 / 623 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | | |
| i | 25 | 17,5 | 7,5 | 7,5 | -1,5 | | |

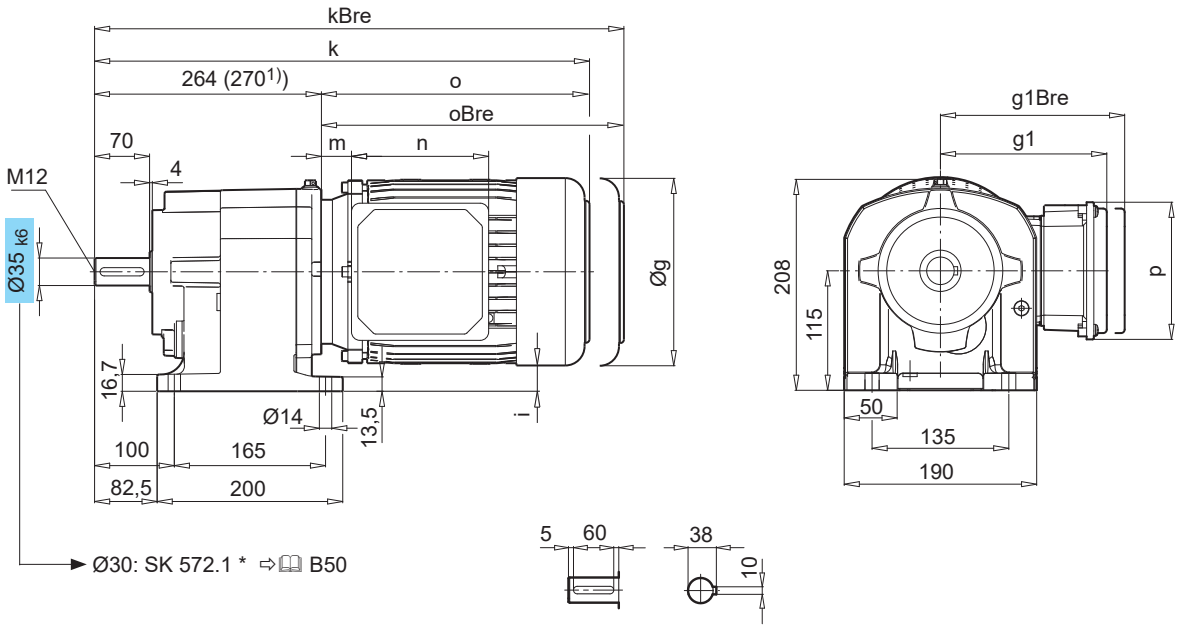
W ⇨🕮 B60

IEC 63 - 90 ⇨🕮 B64

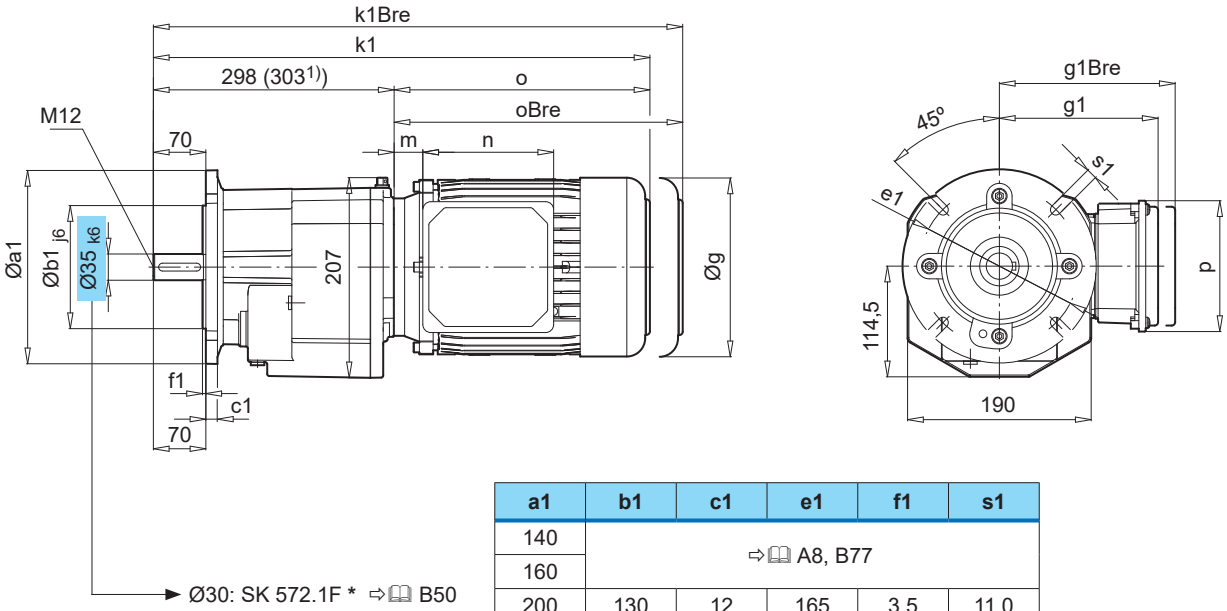




## SK 572.1




## SK 572.1F

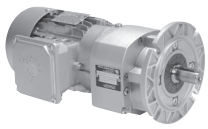
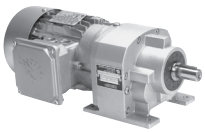



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | ⇨📖 A8, B77 | | | | |
| 160 | | | | | |
| 200 | 130 | 12 | 165 | 3,5 | 11,0 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |
| 300 | 230 | 15 | 265 | 4,0 | 14,0 |

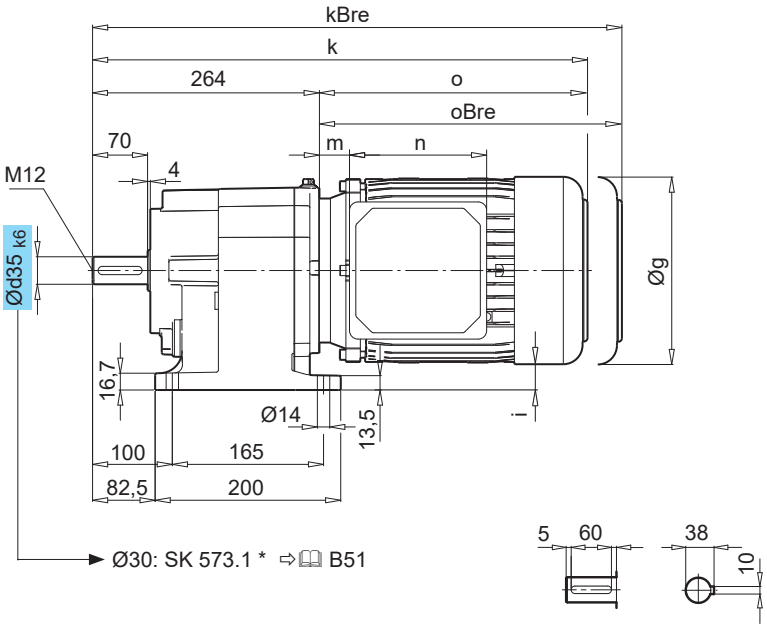
| ± ⇨📖 A61 | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP 1) |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 264 |
| g1 / g1Bre | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 |
| k / kBre | 500 / 558 | 525 / 589 | 525 / 589 | 566 / 641 | 596 / 687 | 644 / 738 | 705 / 812 |
| k1 / k1Bre | 534 / 592 | 559 / 623 | 559 / 623 | 600 / 675 | 630 / 721 | 678 / 772 | 738 / 846 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | 435 / 542 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 |
| i | 42,5 | 32,5 | 32,5 | 23,5 | 14,5 | 1 | -26 |

W ⇨📖 B60

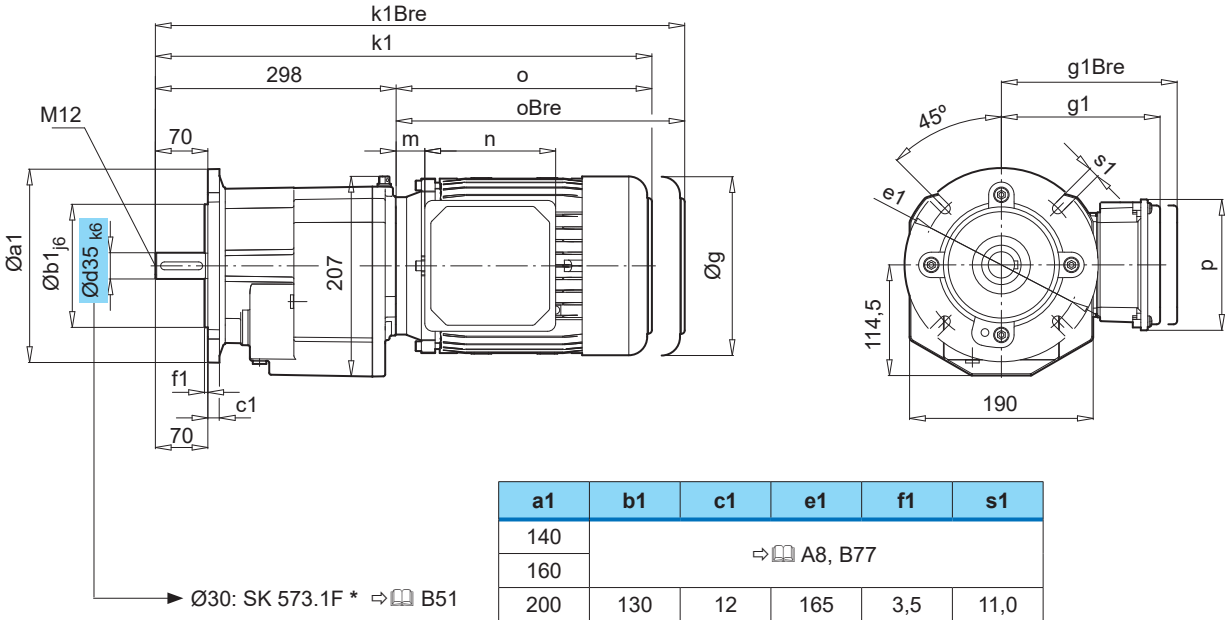
IEC 63 - 112⇨📖 B65

## SK 573.1




## SK 573.1F

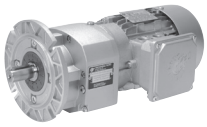



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | ⇨📖 A8, B77 | | | | |
| 160 | | | | | |
| 200 | 130 | 12 | 165 | 3,5 | 11,0 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |
| 300 | 230 | 15 | 265 | 4,0 | 14,0 |

| ± ⇨📖 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | |
| k / kBre | 460 / 516 | 500 / 558 | 525 / 589 | 525 / 589 | 566 / 641 | 597 / 687 | 644 / 738 | |
| k1 / k1Bre | 494 / 550 | 534 / 592 | 559 / 623 | 559 / 623 | 600 / 675 | 630 / 720 | 677 / 771 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |
| i | 50 | 42,5 | 32,5 | 32,5 | 23,5 | 14,5 | 1 | |

W ⇨📖 B60

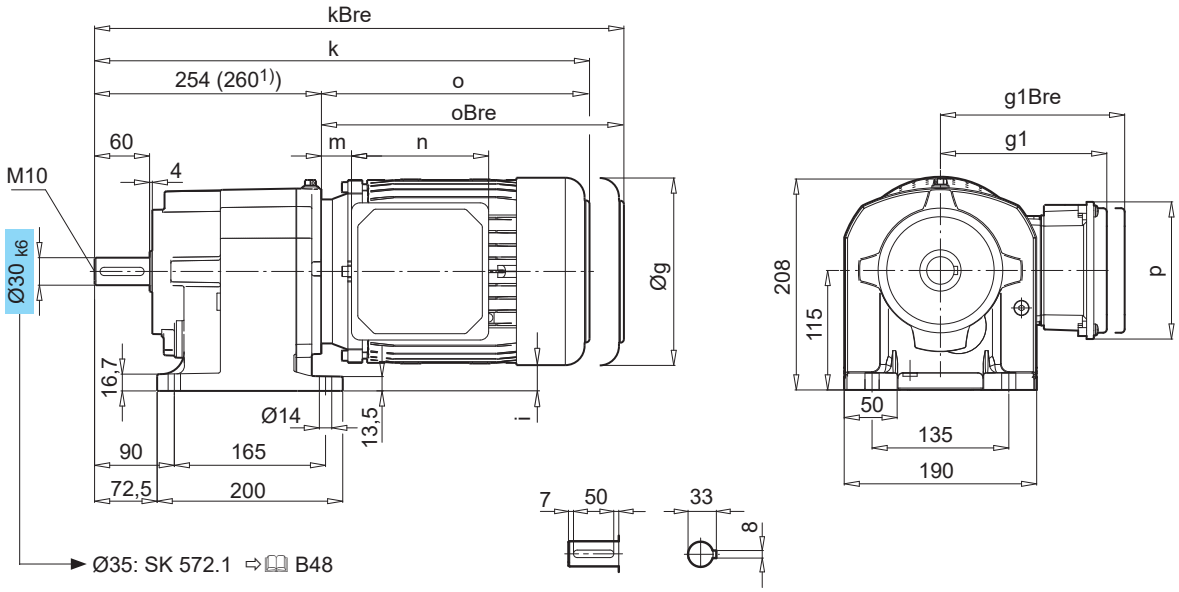
IEC 63 - 112⇨📖B66



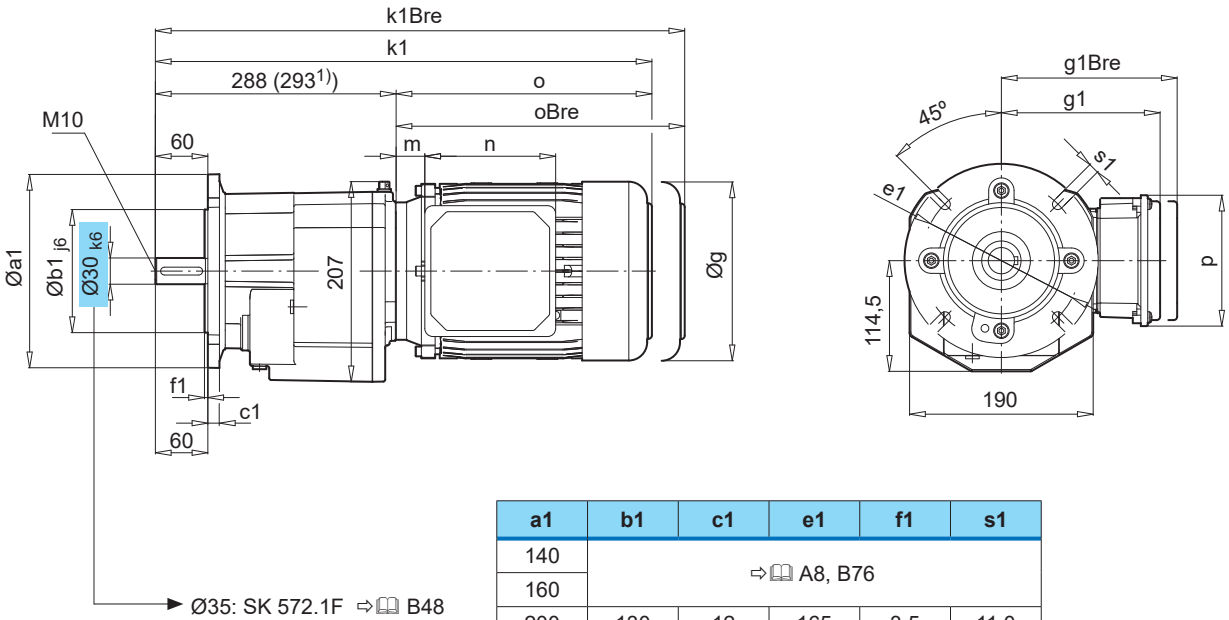




## SK 572.1 *




## SK 572.1F *

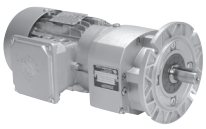
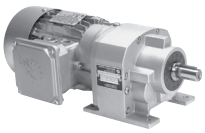



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | ⇨🕮 A8, B76 | | | | |
| 160 | | | | | |
| 200 | 130 | 12 | 165 | 3,5 | 11,0 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |
| 300 | 230 | 15 | 265 | 4,0 | 14,0 |

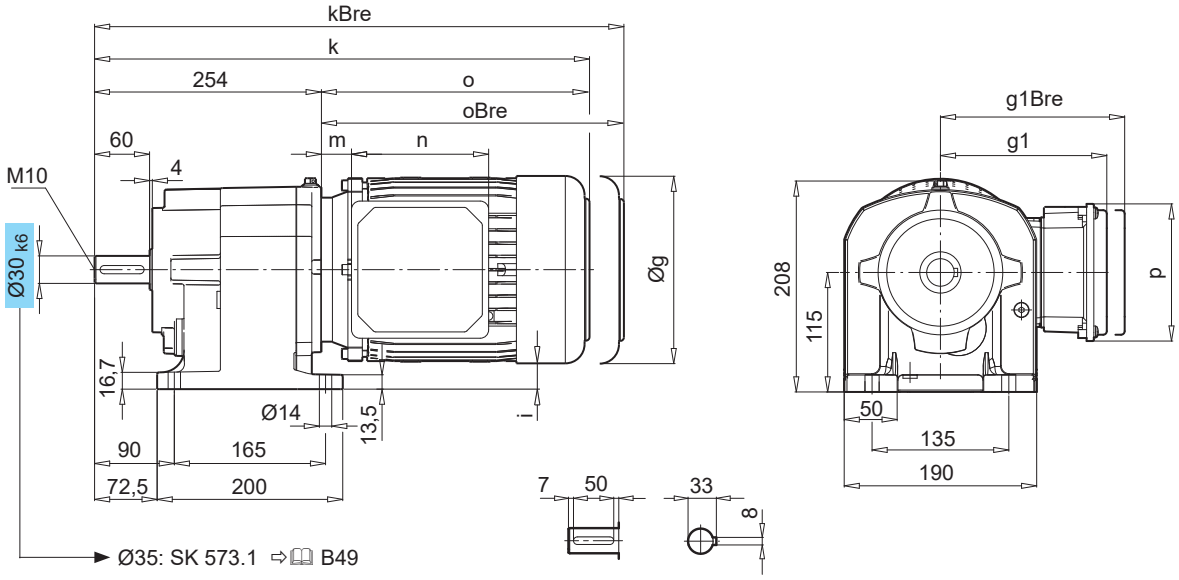
| ± ⇨🕮 A61 | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP 1) |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 264 |
| g1 / g1Bre | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 |
| k / kBre | 490 / 548 | 515 / 579 | 515 / 579 | 556 / 631 | 586 / 677 | 634 / 728 | 695 / 802 |
| k1 / k1Bre | 524 / 582 | 549 / 613 | 549 / 613 | 590 / 665 | 620 / 711 | 668 / 762 | 728 / 835 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | 435 / 542 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 |
| i | 42,5 | 32,5 | 32,5 | 23,5 | 14,5 | 1 | -26 |

W ⇨🕮 B60

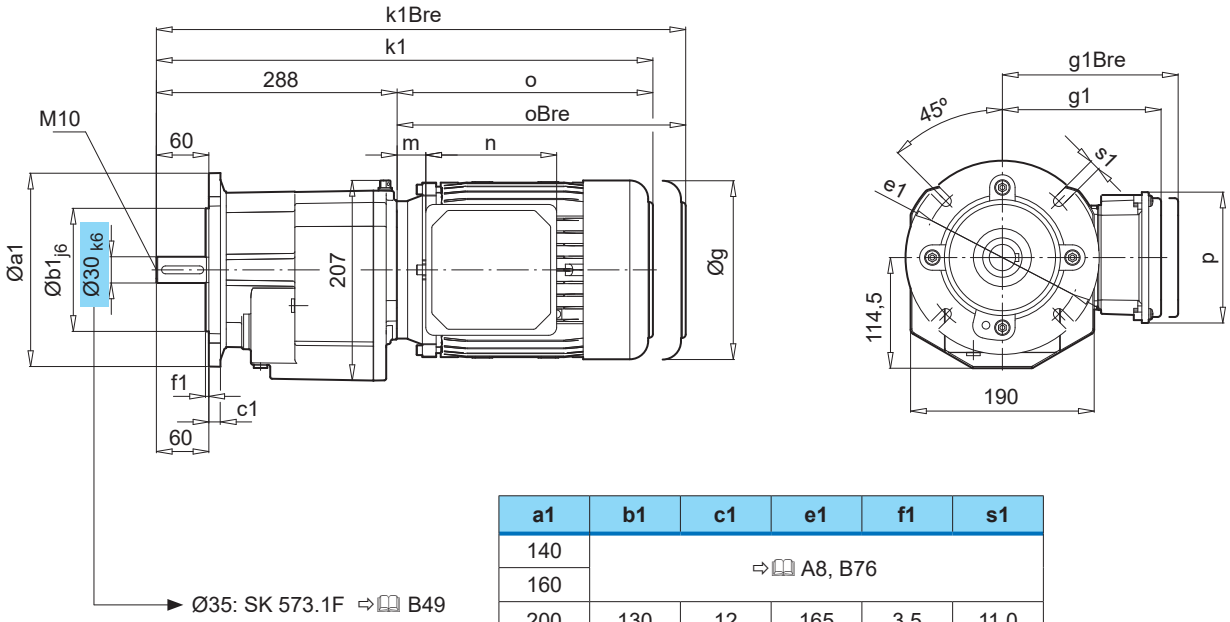
IEC 63 - 112⇨🕮 B65

## SK 573.1 *




## SK 573.1F *

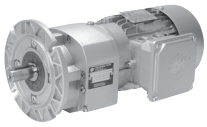



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | ⇨📖 A8, B76 | | | | |
| 160 | | | | | |
| 200 | 130 | 12 | 165 | 3,5 | 11,0 |
| 250 | 180 | 15 | 215 | 4,0 | 13,5 |
| 300 | 230 | 15 | 265 | 4,0 | 14,0 |

| ± ⇨📖 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | |
| k / kBre | 450 / 506 | 490 / 548 | 515 / 579 | 515 / 579 | 556 / 631 | 586 / 677 | 634 / 728 | |
| k1 / k1Bre | 484 / 540 | 524 / 582 | 549 / 613 | 549 / 613 | 590 / 665 | 620 / 711 | 668 / 762 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | |
| m / mBre | 16 / 22 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |
| i | 50 | 42,5 | 32,5 | 32,5 | 23,5 | 14,5 | 1 | |

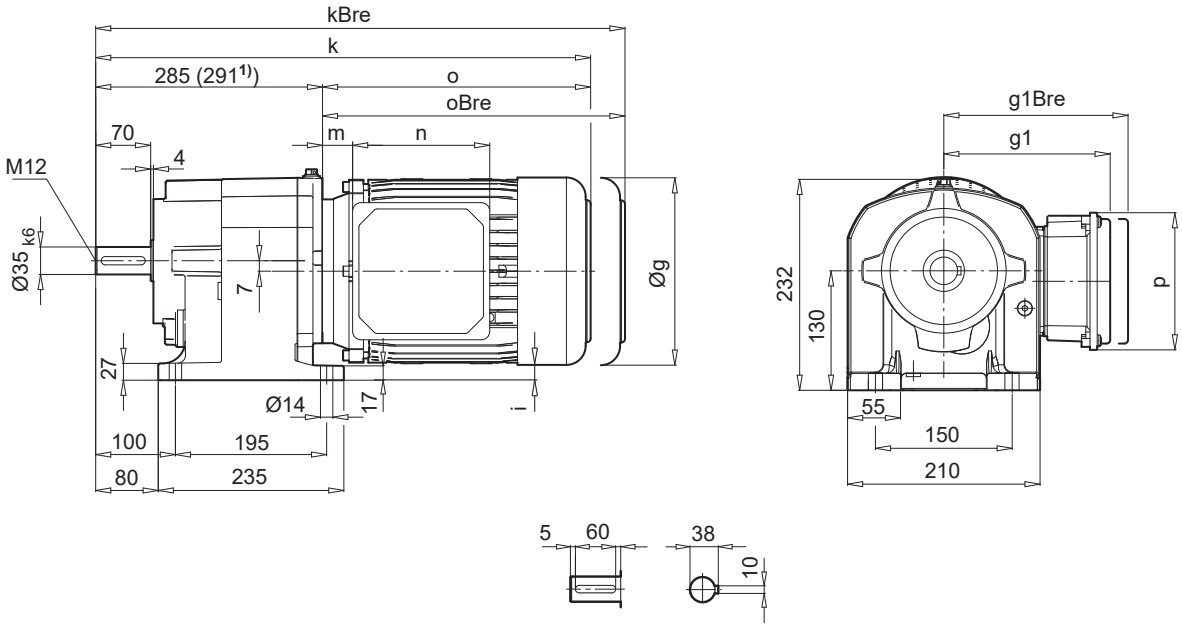
W ⇨📖 B60

IEC 63 - 112⇨📖B66

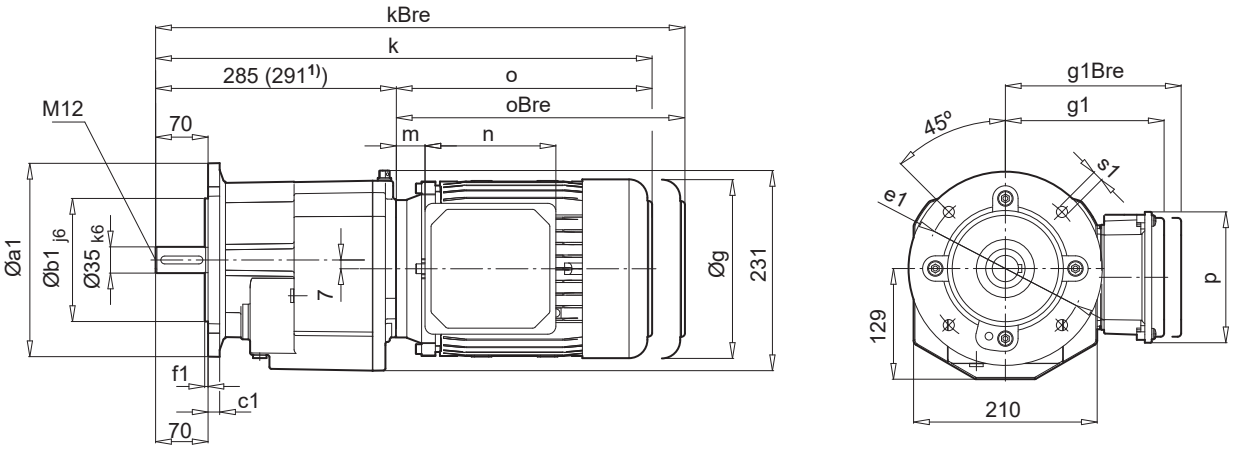




## SK 672.1




## SK 672.1F

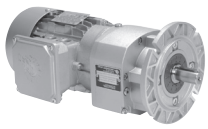
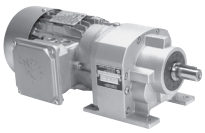



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4 | 14 |

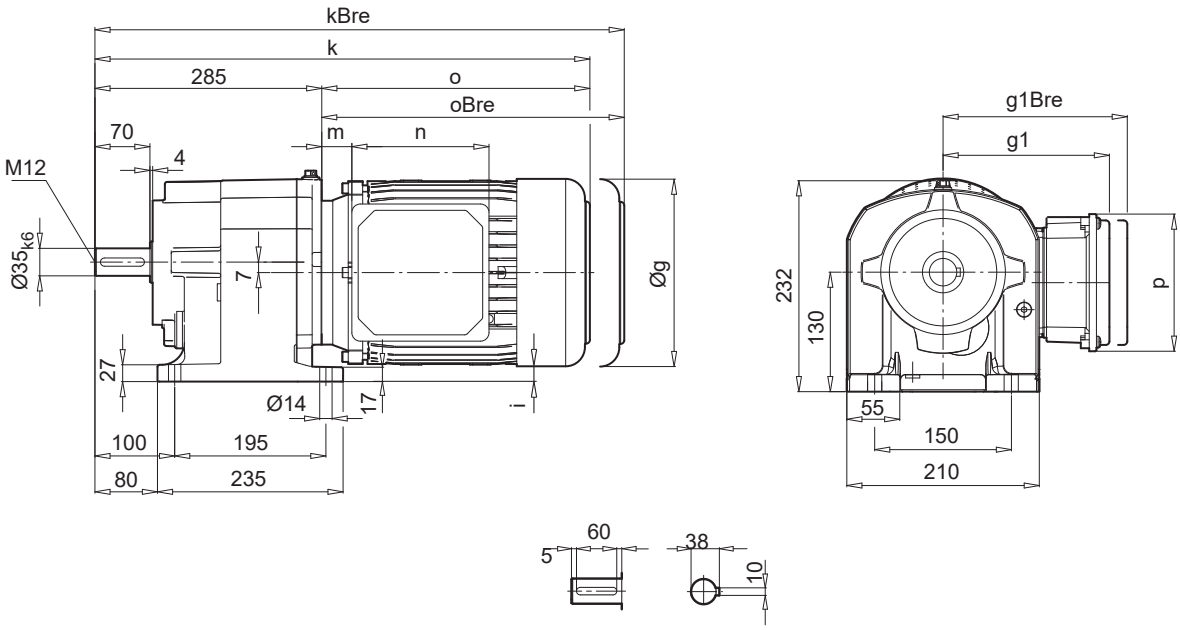
| ± ⇨ A61 | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP 1) | | |
|---|---|---|---|---|---|---|---|
| g | 165 | 183 | 201 | 228 | 264 | | |
| g1 / g1Bre | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 | | |
| k / kBre | 546 / 610 | 587 / 662 | 617 / 708 | 664 / 758 | 726 / 833 | | |
| o / oBre | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | 435 / 542 | | |
| m / mBre | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 | | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | | |
| i | 40,5 | 31,5 | 22,5 | 9 | -10 | | |

W ⇨ B60

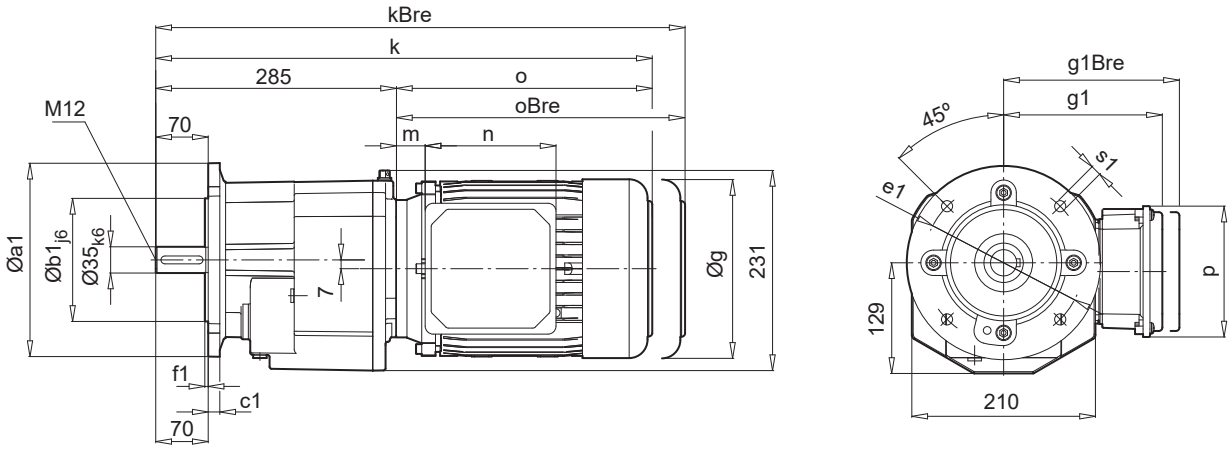
IEC 63 - 132 ⇨ B67

## SK 673.1




## SK 673.1F

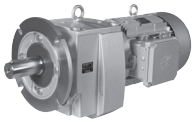
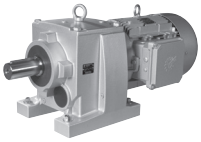



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4 | 14 |

| ± ⇨ A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | | |
| k / kBre | 481 / 537 | 521 / 579 | 546 / 610 | 546 / 610 | 587 / 662 | 617 / 708 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| i | 58 | 50,5 | 40,5 | 40,5 | 31,5 | 22,5 | | |

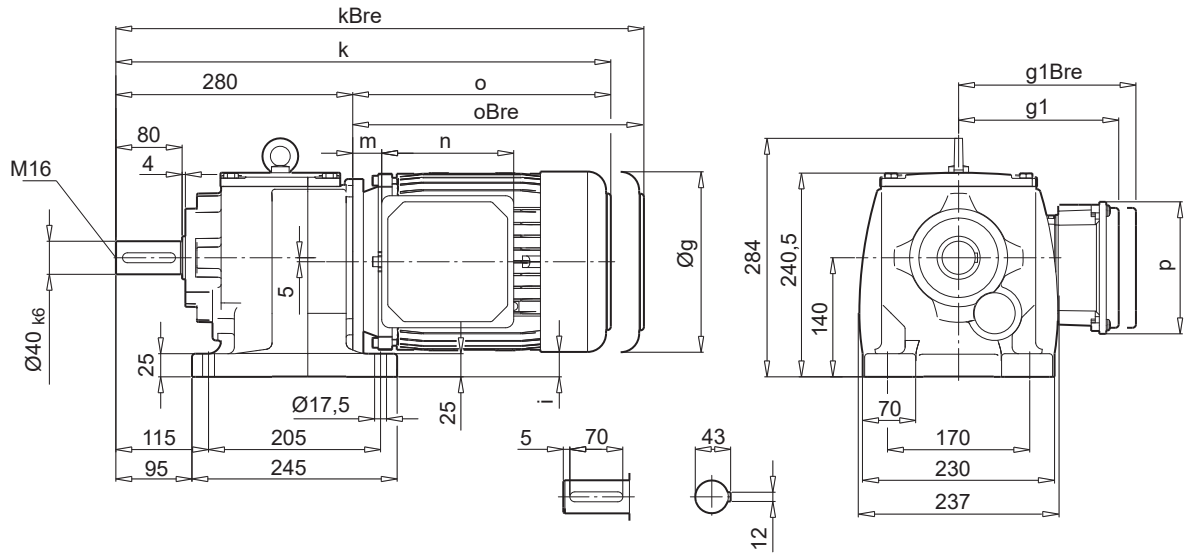
W ⇨ B60

IEC 63 - 132 ⇨ B68

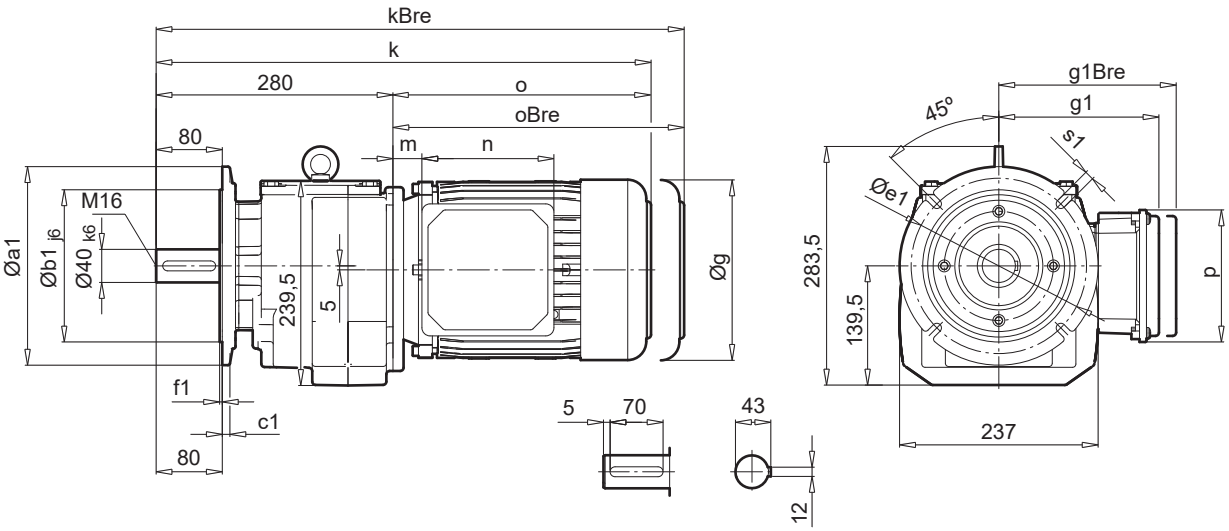





## SK 772.1




## SK 772.1F

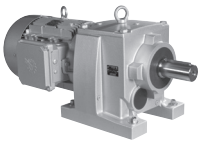
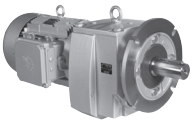



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4 | 11 |
| 250 | 180 | 15 | 215 | 4 | 13,5 |
| 300 | 230 | 18 | 265 | 4 | 13,5 |

| ± ⇨🕮 A61 | 90 LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP |
|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 264 | 320 | 320 |
| g1 / g1Bre | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 |
| k / kBre | 576 / 651 | 606 / 697 | 654 / 748 | 715 / 822 | 792 / 927 | 836 / 971 |
| o / oBre | 296 / 371 | 326 / 417 | 374 / 468 | 435 / 542 | 512 / 647 | 556 / 691 |
| m / mBre | 46 / 49 | 52 / 56 | 58 / 61 | 71 / 62 | 72 / 72 | 72 / 72 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 |
| i | 31,5 | 34,5 | 21 | 2 | -25 | -25 |

W ⇨🕮B60

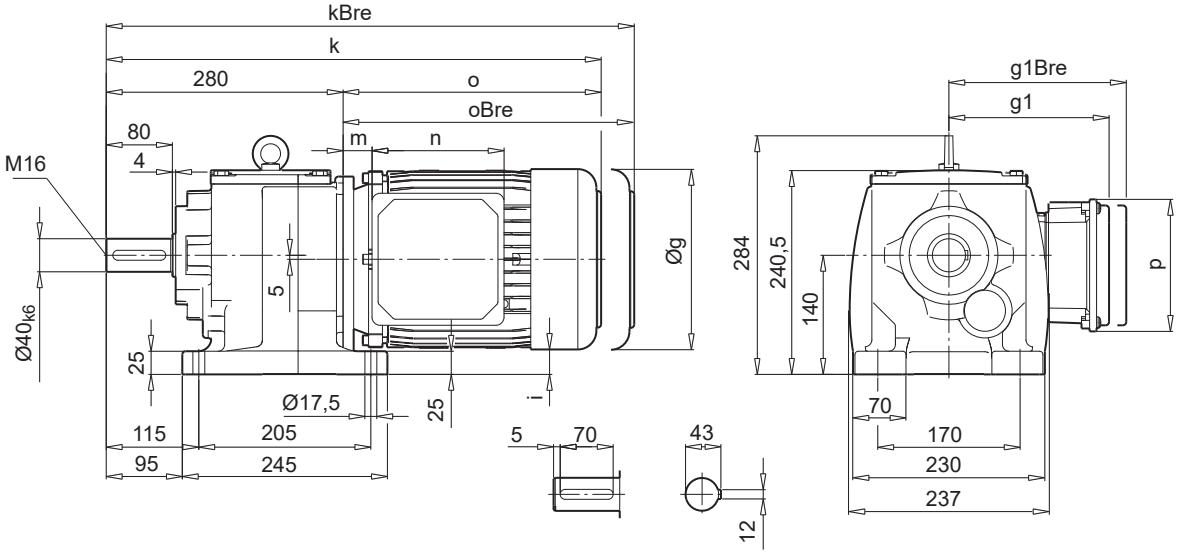
IEC 71 - 132
⇨🕮B69

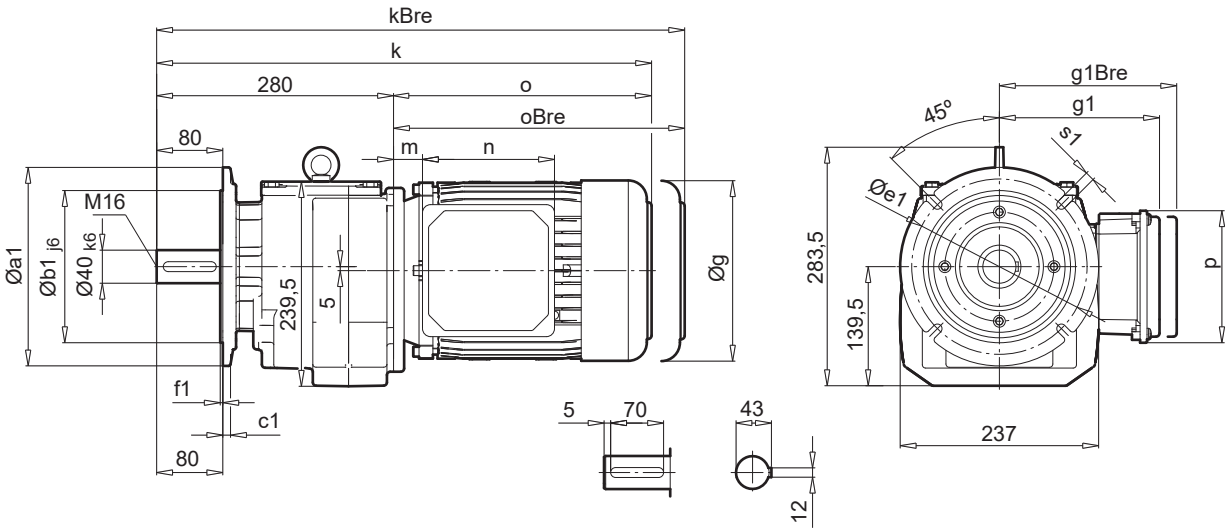
# SK 773.1
# SK 773.1F



## SK 773.1




## SK 773.1F

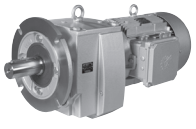
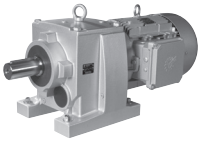



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4 | 11 |
| 250 | 180 | 15 | 215 | 4 | 13,5 |
| 300 | 230 | 18 | 265 | 4 | 13,5 |

| ± ⇨📖 A61 | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 264 |
| g1 / g1Bre | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 |
| k / kBre | 510 / 568 | 535 / 599 | 535 / 599 | 576 / 651 | 606 / 697 | 654 / 748 | 715 / 822 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 468 | 435 / 542 |
| m / mBre | 36 / 43 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |
| i | 62,5 | 52,5 | 52,5 | 43,5 | 34,5 | 21 | 2 |

W ⇨📖B60

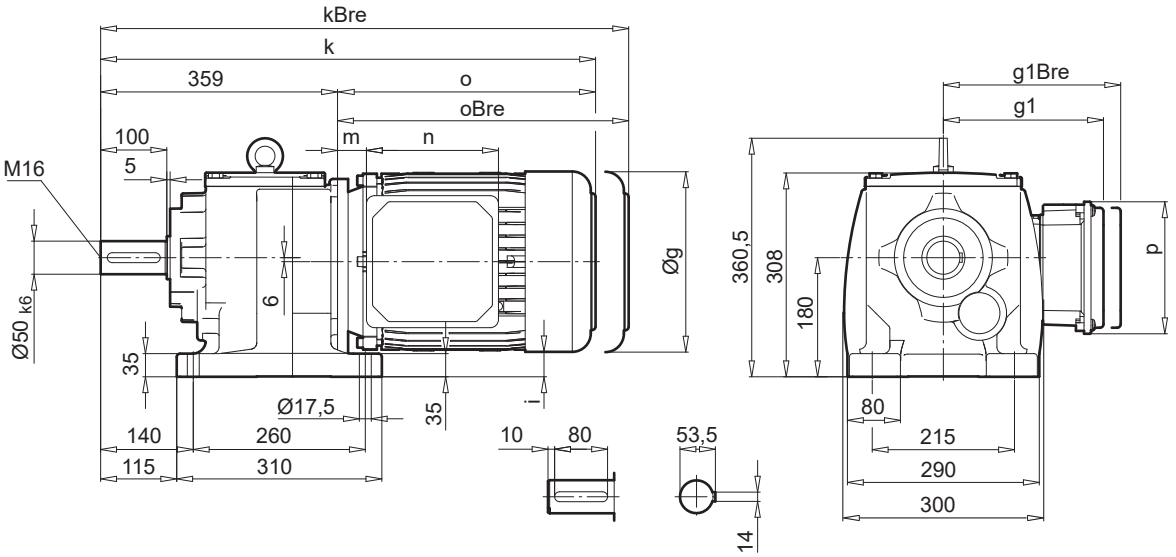
IEC 71 - 132
⇨📖B69

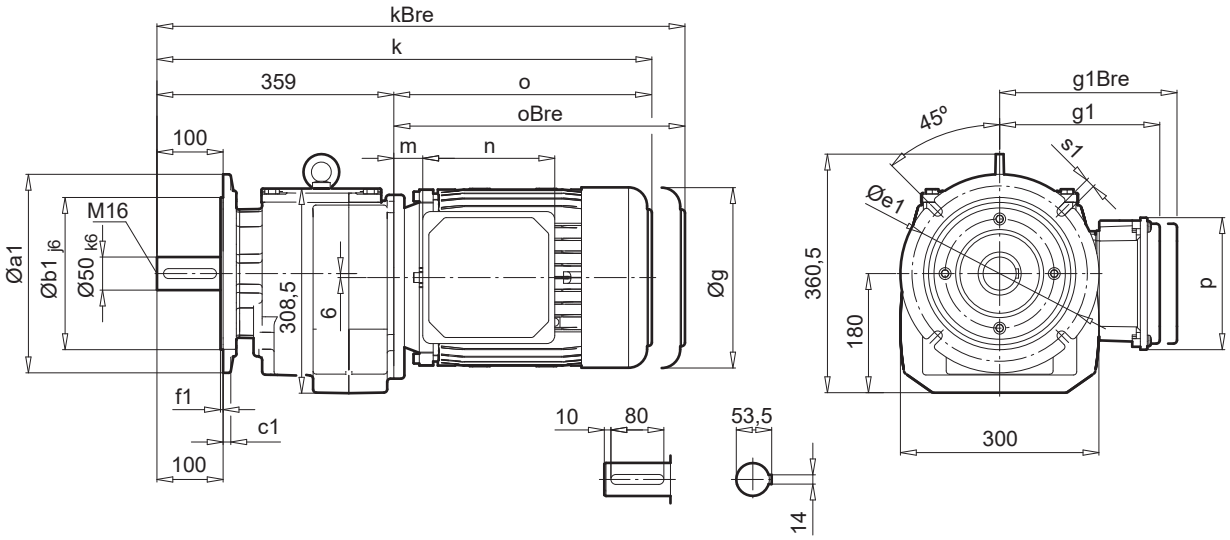




## SK 872.1




## SK 872.1F

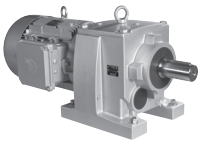
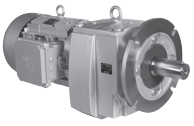



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 13,5 |
| 300 | 230 | 20 | 265 | 4 | 13,5 |
| 350 | 250 | 20 | 300 | 5 | 17,5 |

| ± ⇨📖 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|
| g | 201 | 228 | 264 | 320 | 320 | 358 |
| g1 / g1Bre | 169 / 172 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| k / kBre | 665 / 756 | 713 / 807 | 774 / 881 | 851 / 986 | 895 / 1030 | 995 / 1122 |
| o / oBre | 306 / 397 | 354 / 448 | 415 / 522 | 492 / 627 | 536 / 671 | 636 / 764 |
| m / mBre | 32 / 35 | 36 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |
| i | 73,5 | 60 | 41 | 14 | 14 | -5 |

W ⇨📖B60

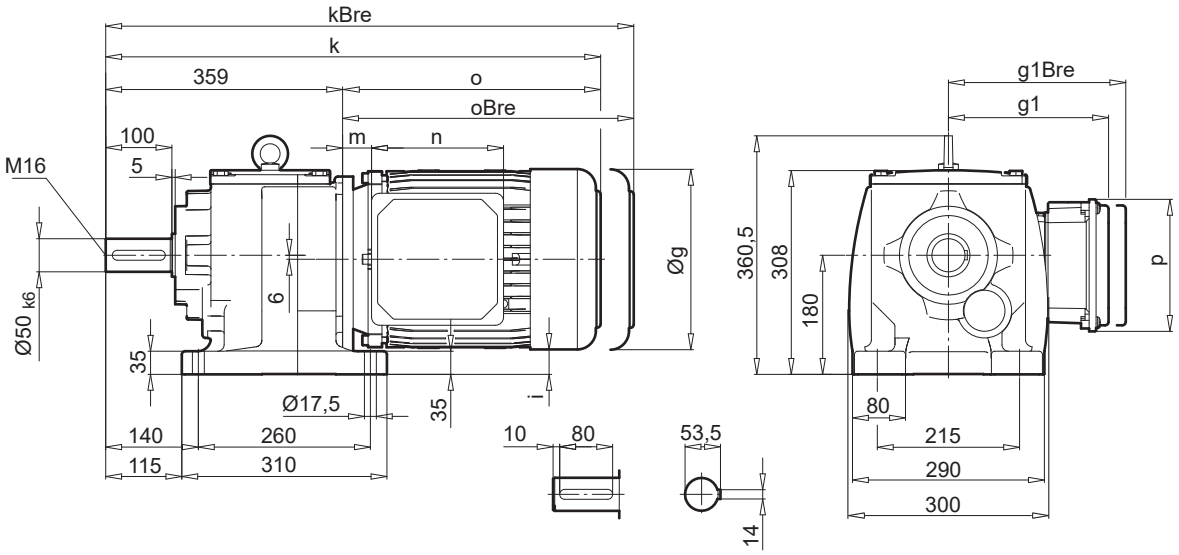
IEC 90-180
⇨📖B70

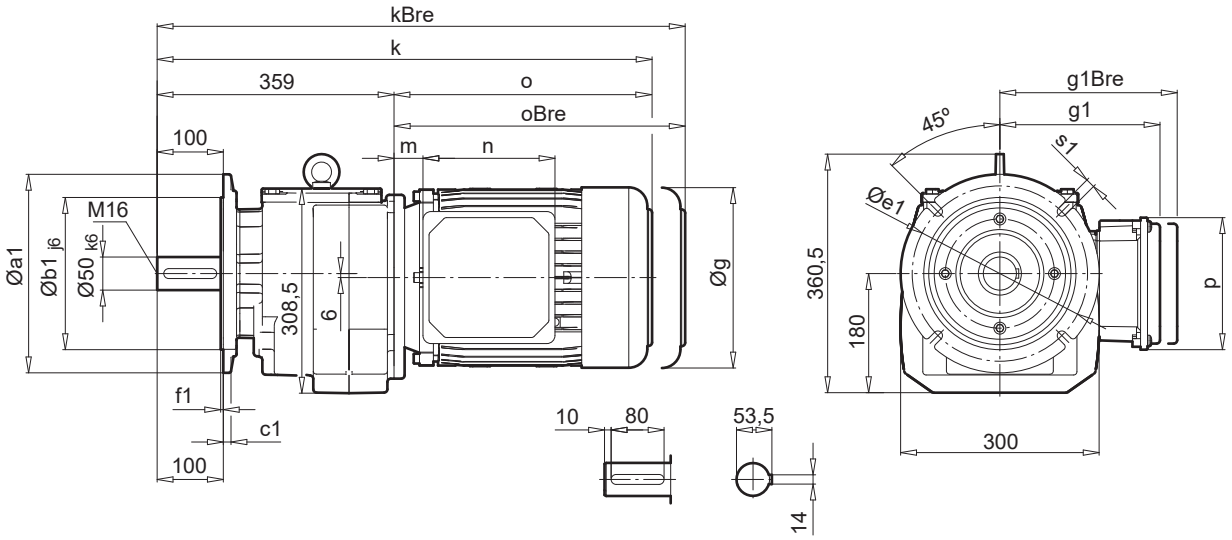
# SK 873.1
# SK 873.1F



## SK 873.1




## SK 873.1F

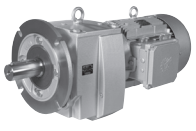
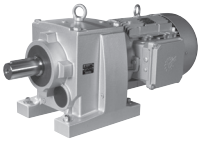



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 13,5 |
| 300 | 230 | 20 | 265 | 4 | 13,5 |
| 350 | 250 | 20 | 300 | 5 | 17,5 |

| ± ⇨📖 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP |
|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 264 | 320 | 320 |
| g1 / g1Bre | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 |
| k / kBre | 635 / 710 | 665 / 756 | 713 / 807 | 774 / 881 | 851 / 986 | 895 / 1030 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 448 | 415 / 522 | 492 / 627 | 536 / 671 |
| m / mBre | 26 / 29 | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 |
| i | 82,5 | 73,5 | 60 | 41 | 14 | 14 |

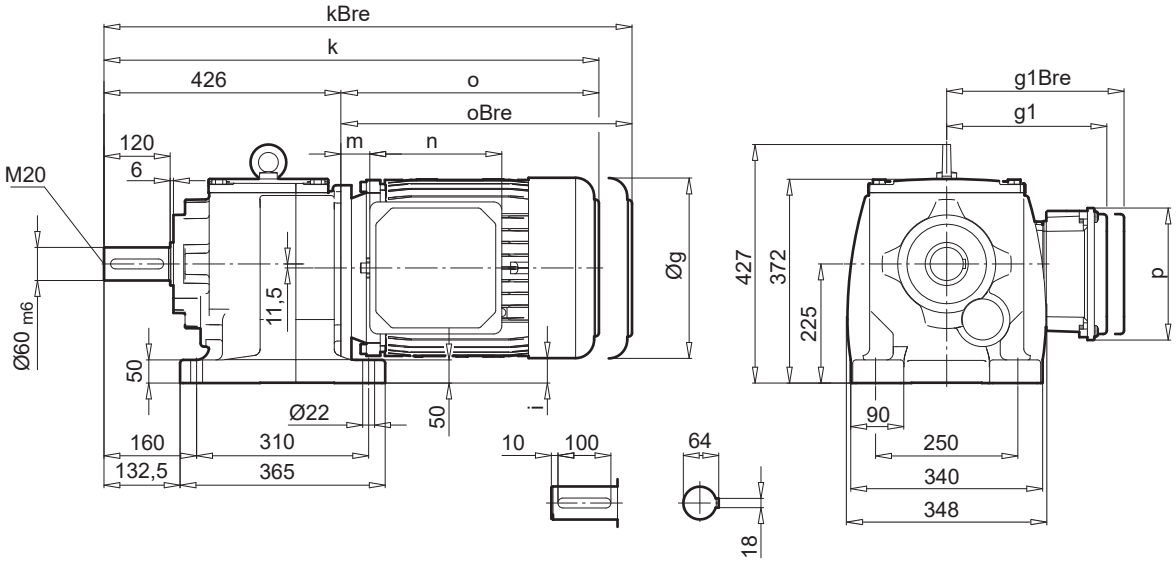
W ⇨📖B60

IEC 90-180
⇨📖B70

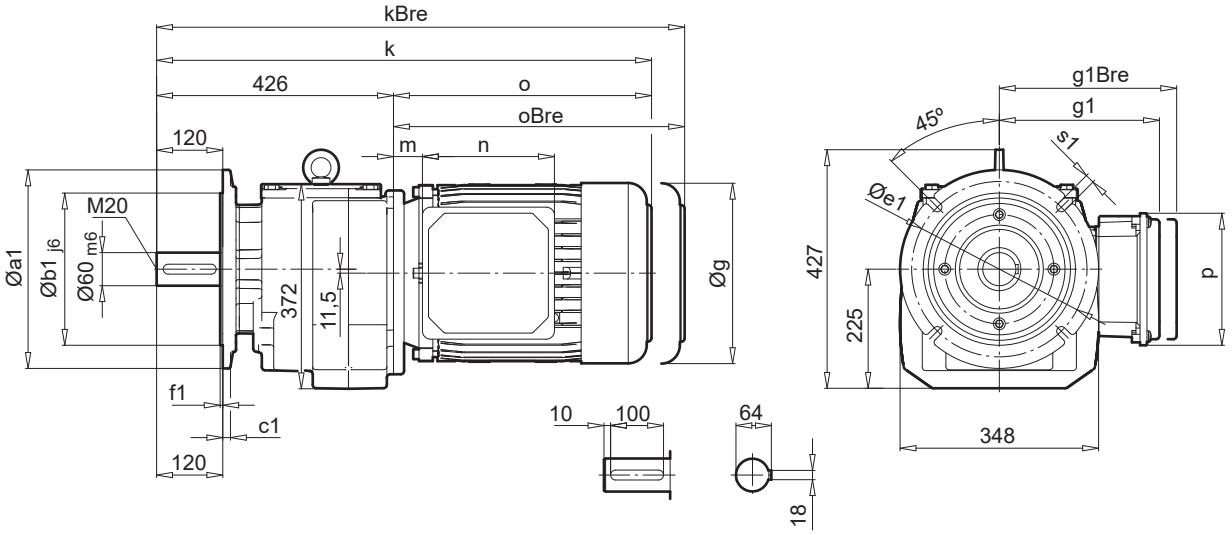





## SK 972.1




## SK 972.1F

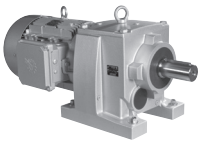
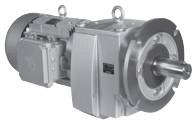



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 300 | 230 | 20 | 265 | 4 | 13,5 |
| 350 | 250 | 20 | 300 | 5 | 17,5 |
| 450 | 350 | 20 | 400 | 5 | 17,5 |

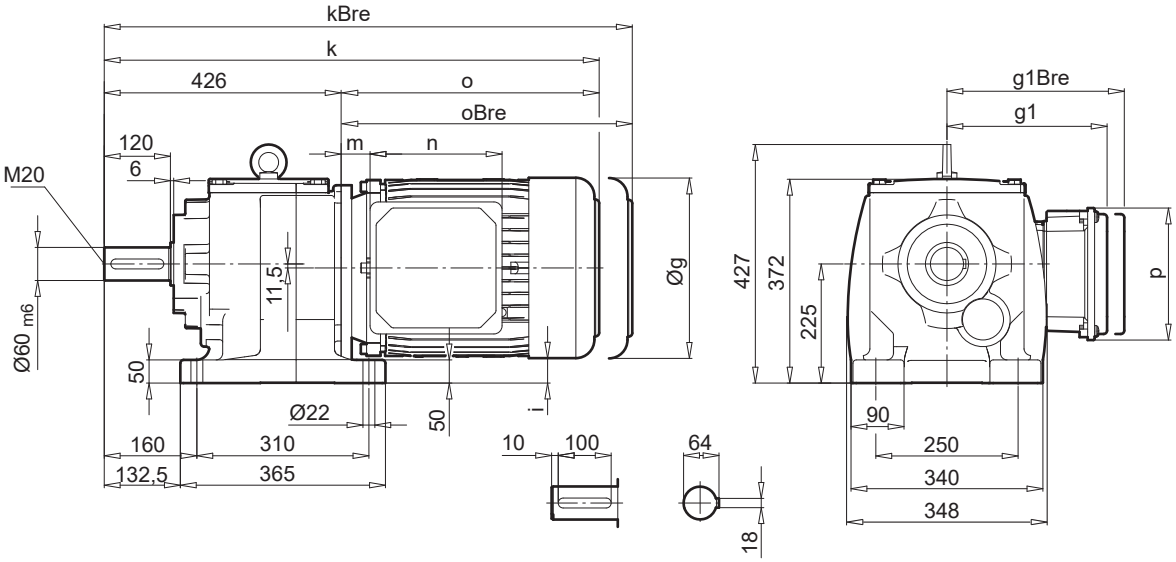
| ± ⇨📖 A61 | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 SP | |
|---|---|---|---|---|---|---|---|
| g | 228 | 264 | 320 | 320 | 358 | 445 | |
| g1 / g1Bre | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 348 / 348 | |
| k / kBre | 780 / 874 | 841 / 948 | 918 / 1053 | 962 / 1097 | 1062 / 1189 | 1168 / 1348 | |
| o / oBre | 354 / 448 | 415 / 522 | 492 / 627 | 536 / 671 | 636 / 764 | 742 / 922 | |
| m / mBre | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 | 94 / 94 | |
| n / nBre | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | |
| p / pBre | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | |
| i | 99,5 | 80,5 | 53,5 | 53,5 | 34,5 | -11 | |

W ⇨📖B60

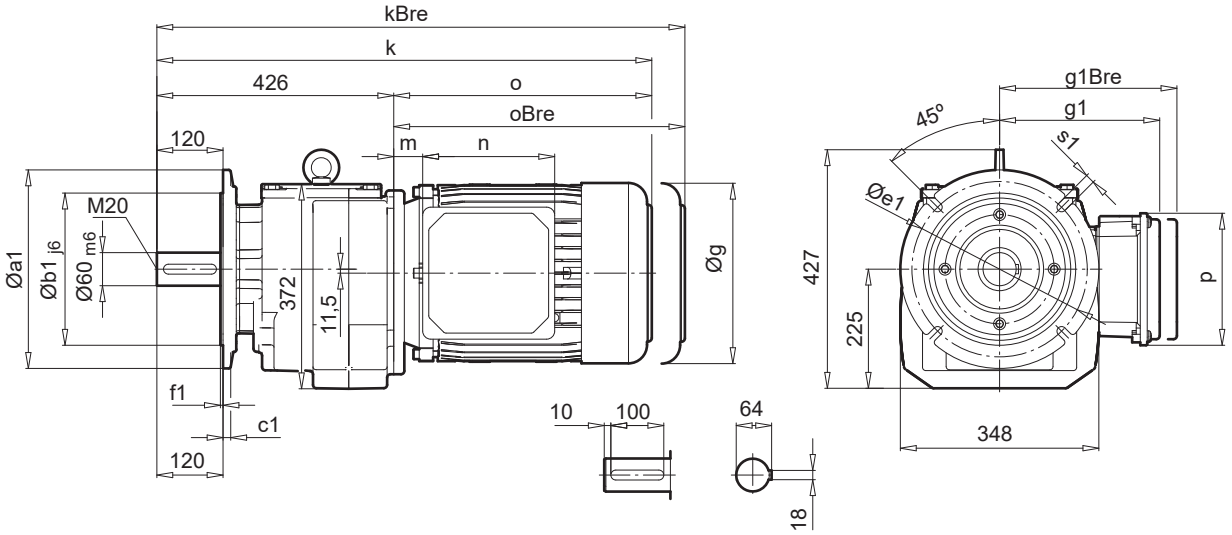
IEC 90-200
⇨📖B71

## SK 973.1




## SK 973.1F

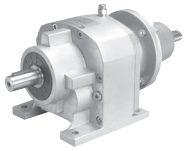
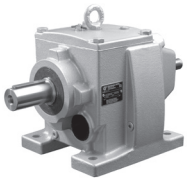



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 300 | 230 | 20 | 265 | 4 | 13,5 |
| 350 | 250 | 20 | 300 | 5 | 17,5 |
| 450 | 350 | 20 | 400 | 5 | 17,5 |

| ± ⇨🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MHP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| g1 / g1Bre | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| k / kBre | 701 / 776 | 731 / 822 | 780 / 874 | 841 / 948 | 918 / 1053 | 962 / 1097 | 1062 / 1189 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 448 | 415 / 522 | 492 / 627 | 536 / 671 | 636 / 764 |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |
| i | 122 | 113 | 99,5 | 80,5 | 53,5 | 53,5 | 34,5 |

W ⇨🕮B60

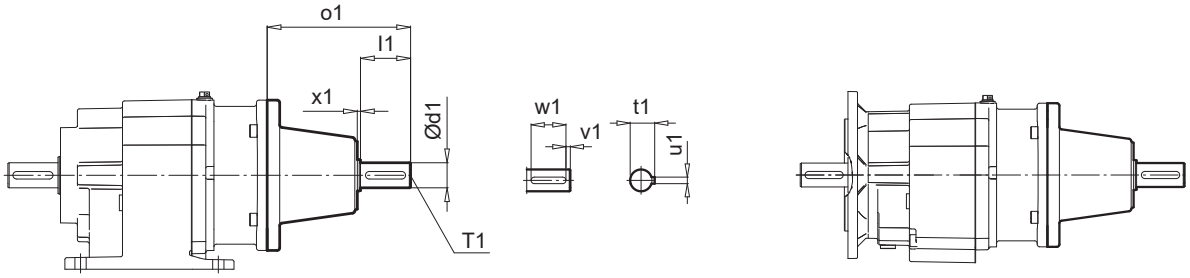
IEC 90-200
⇨🕮B71

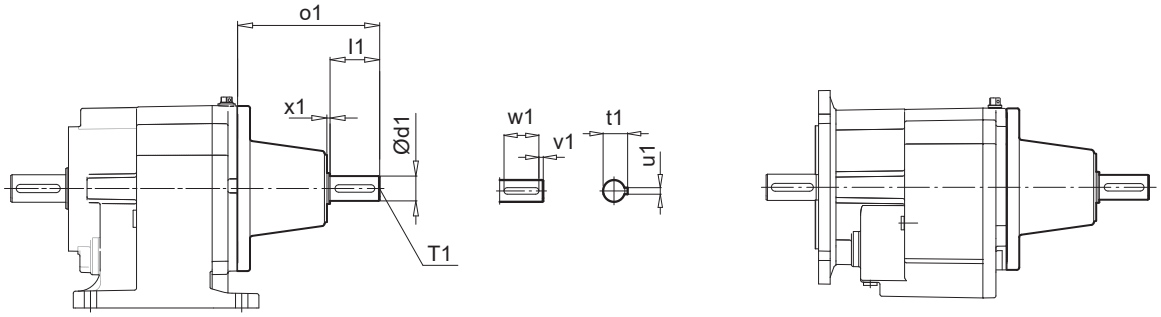




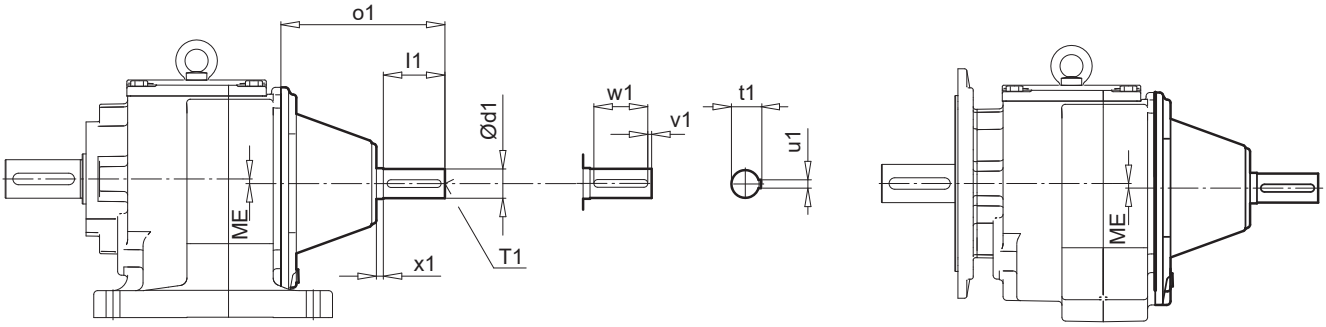
**SK 172.1 - W**
**SK 172.1F - W**



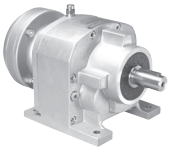

**SK 372.1 SK 373.1 SK572.1 SK 573.1 SK 672.1 SK 673.1 - W**
**SK 372.1F SK 373.1F SK572.1F SK 573.1F SK 672.1F SK 673.1F - W**



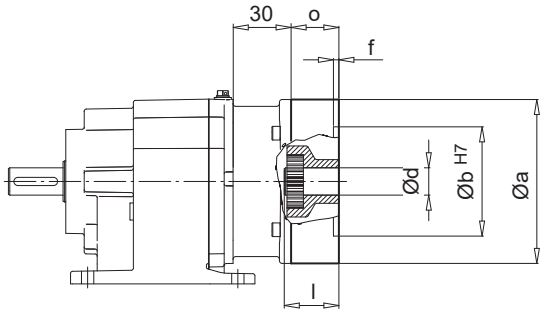

**SK 772.1 SK 773.1 SK872.1 SK 873.1 SK 972.1 SK 973.1 - W**
**SK 772.1F SK 773.1F SK872.1F SK 873.1F SK 972.1F SK 973.1F - W**

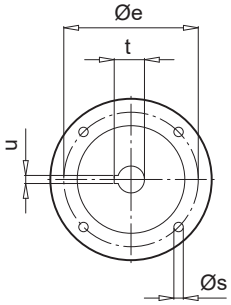


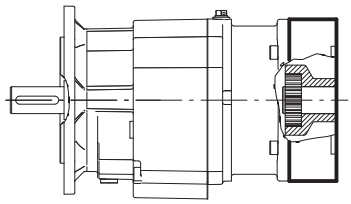

| Type | ME | d1 | l1 | o1 | x1 | u1 | t1 | v1 | w1 | T1 |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 172.1 / SK 172.1 F | - | 16 | 40 | 114,5 | 2,5 | 5 | 18 | 4 | 32 | M6 |
| SK 372.1 / SK 372.1 F<br>SK 373.1 / SK 373.1 F | - | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 572.1 / SK 572.1 F<br>SK 573.1 / SK 573.1 F | - | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 672.1 / SK 672.1 F<br>SK 673.1 / SK 673.1 F | 7 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 772.1 / SK 772.1 F<br>SK 773.1 / SK 773.1 F | 5 | 24 | 50 | 172 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 872.1 / SK 872.1 F<br>SK 873.1 / SK 873.1 F | 6 | 28 | 60 | 213 | 8 | 8 | 31 | 5 | 50 | M10 |
| SK 972.1 / SK 972.1 F<br>SK 973.1 / SK 973.1 F | 11,5 | 38 | 80 | 213 | 8 | 10 | 41 | 5 | 70 | M12 |



## SK 072.1 - IEC 56..71
## SK 072.1F - IEC 56..71

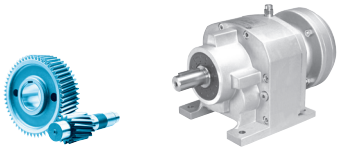


| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 56 - C105** | 105 | 70 | 85 | 3 | 7 | 29,5 | 9 | 20 | 11,4 | 3 |
| **IEC 56 - A120** | 120 | 80 | 100 | 3,5 | 7 | 29,5 | | | | |
| **IEC 63 - C90 **** | 90 | 60 | 75 | 3 | 6 | 29,5 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 29,5 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 29,5 | | | | |
| **IEC 71 - C105 **** | 105 | 70 | 85 | 3 | 7 | 29,5 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 29,5 | | | | |

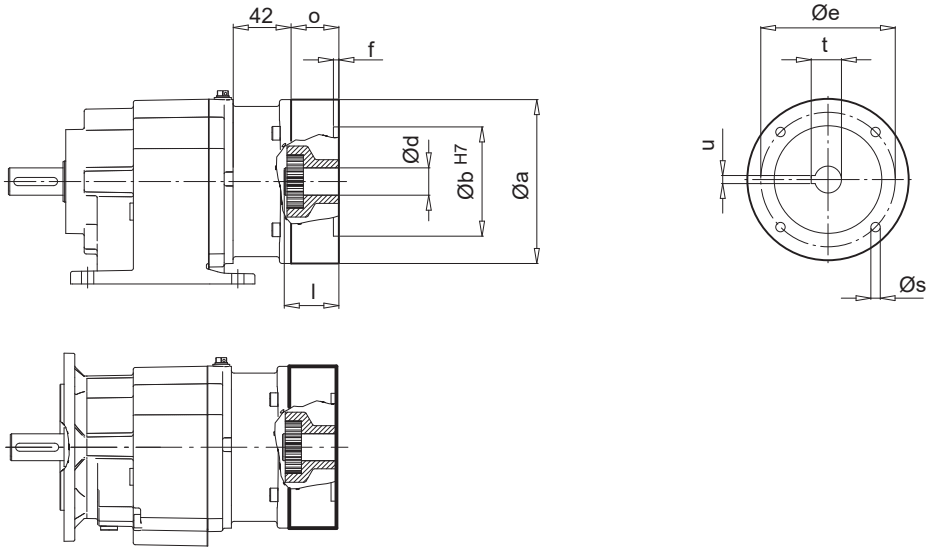
** ⇨🕮 A61





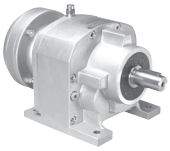


## SK 172.1 - IEC 56..90
## SK 172.1F - IEC 56..90

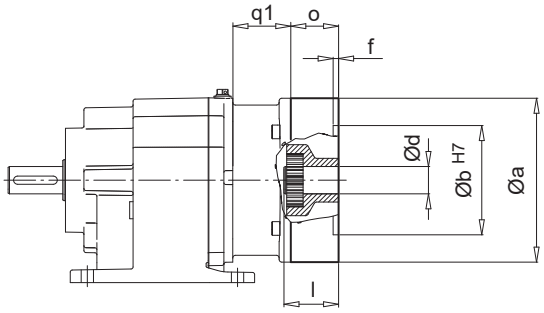


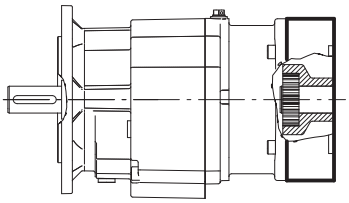

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 56 - C105** | 105 | 70 | 85 | 3 | 7 | 32,5 | 9 | 20 | 11,4 | 3 |
| **IEC 56 - A120** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| **IEC 63 - C90 **** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - C105 **** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - A160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - C120 **** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| **IEC 80 - C160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - A200** | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| **IEC 90 - C140 **** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| **IEC 90 - C160** | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| **IEC 90 - A200** | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

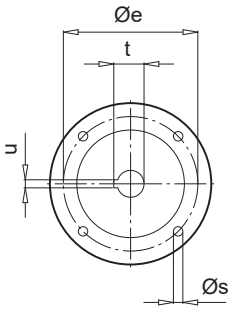
** ⇨ A61



## SK 372.1 - IEC 63..90
## SK 372.1F - IEC 63..90



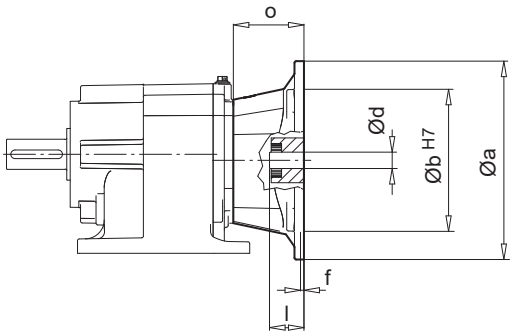


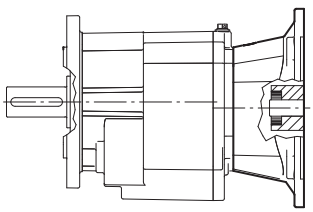

| $i_{ges}$ → 📖B32 | q1 |
|---|---|
| **≥ 16,50** | 56 |
| **< 16,50** | 40 |

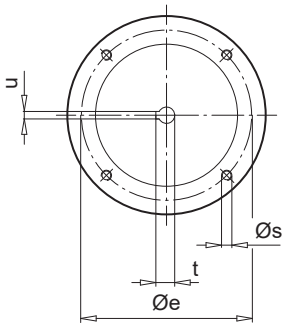
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 63 - C90 **** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - C105 **** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - A160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - C120 **** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| **IEC 80 - C160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - A200** | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| **IEC 90 - C140 **** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| **IEC 90 - C160** | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| **IEC 90 - A200** | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

** ⇨📖 A61

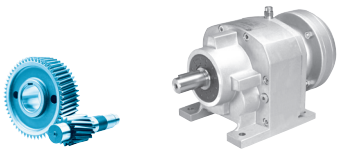
## SK 372.1 - IEC 100
## SK 372.1F - IEC 100





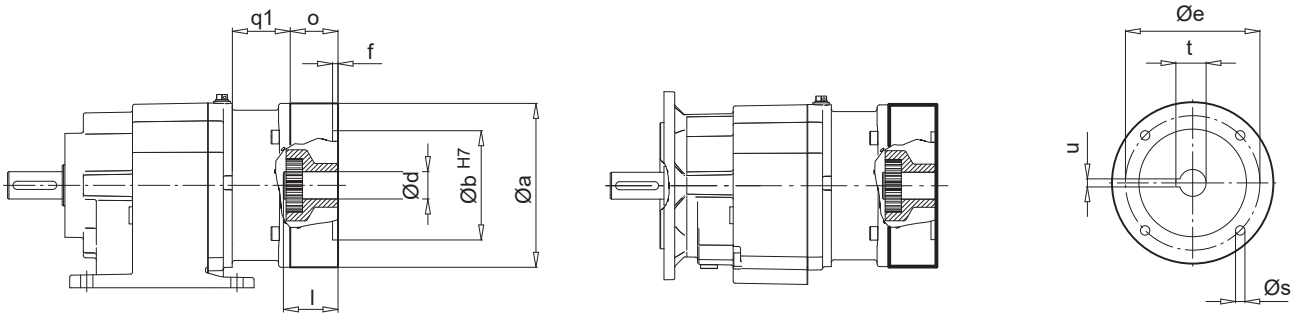

| IEC | q | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 100** | 218 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |







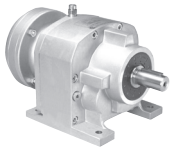
## SK 373.1 - IEC 63..90
## SK 373.1F - IEC 63..90



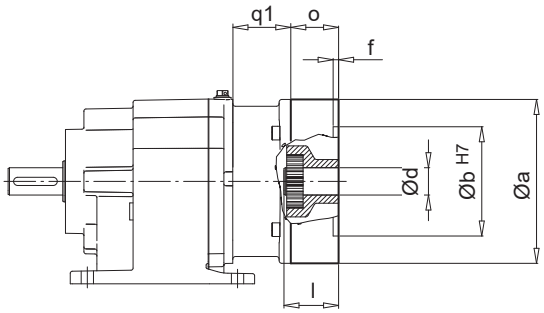

| $i_{ges}$ →📖B33 | q1 |
|---|---|
| **≥ 82,57** | 56 |
| **< 82,57** | 40 |

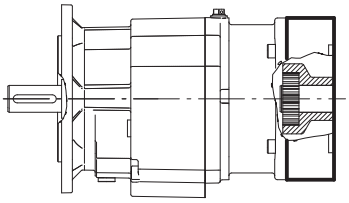
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 63 - C90 **** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - C105 **** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| **IEC 71 - A160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - C120 **** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| **IEC 80 - A160** | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| **IEC 80 - A200** | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| **IEC 90 - C140 **** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| **IEC 90 - C160** | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| **IEC 90 - A200** | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

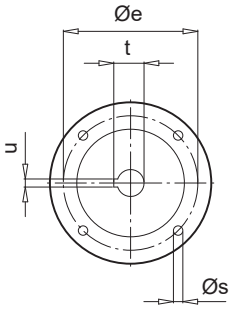
** ⇨📖 A61



## SK 572.1 * - IEC 63..90
## SK 572.1F * - IEC 63..90





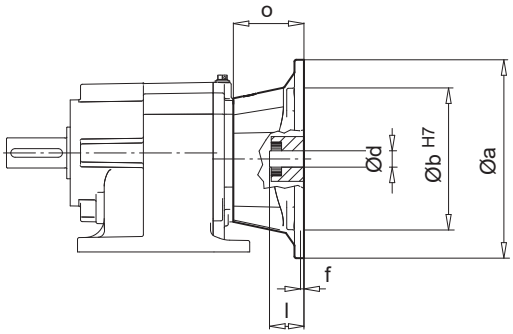

| $i_{ges}$ →📖B34 | q1 |
|---|---|
| ≥ 21,85 | 56 |
| < 21,85 | 40 |

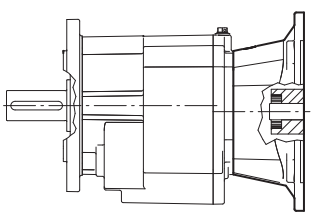
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 ** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - C105 ** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - C120 ** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| IEC 90 - C140 ** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

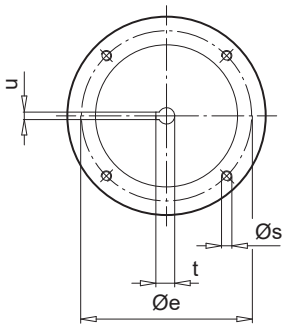
** ⇨📖 A61

## SK 572.1 * - IEC 100..112
## SK 572.1F * - IEC 100..112

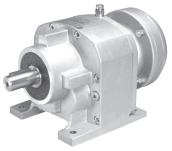
* ⇨📖 A8





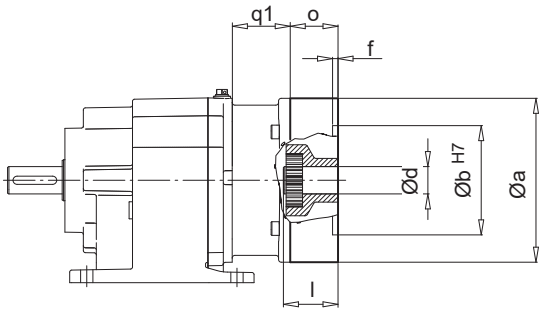

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |

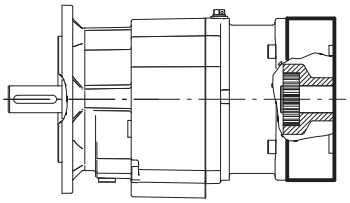


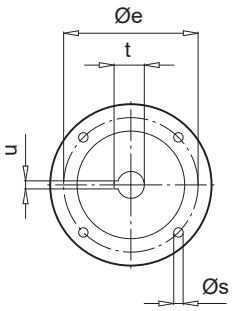




## SK 573.1 * - IEC 63..90
## SK 573.1F * - IEC 63..90





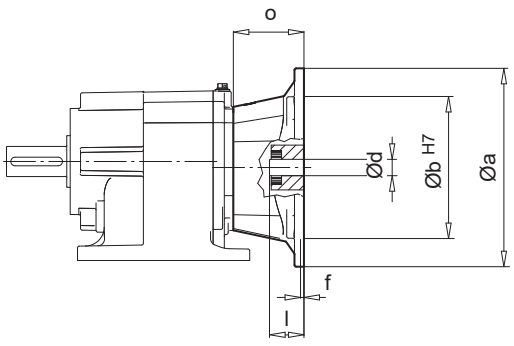

| $i_{ges}$ →📖B35 | q1 |
|---|---|
| ≥ 109,12 | 56 |
| < 109,12 | 40 |

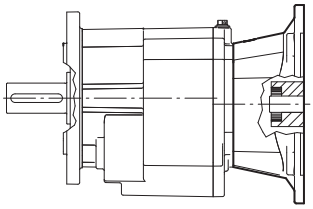
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 ** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - C105 ** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - C120 ** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| IEC 90 - C140 ** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

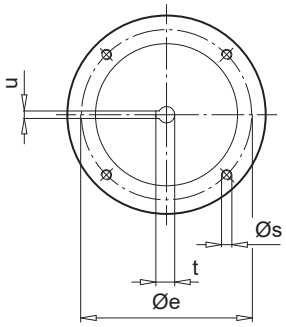
** ⇨📖 A61

## SK 573.1 * - IEC 100..112
## SK 573.1F * - IEC 100..112

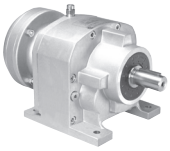
* ⇨📖 A8



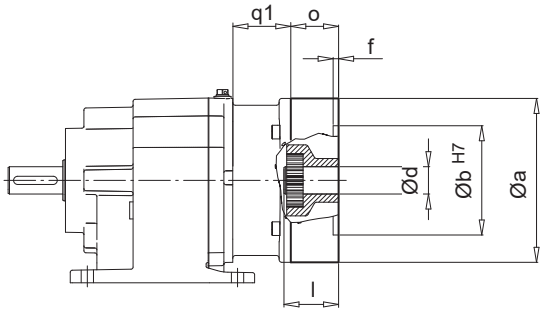



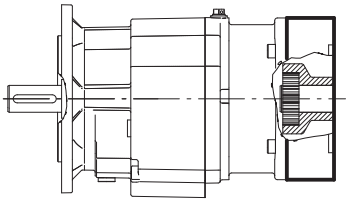


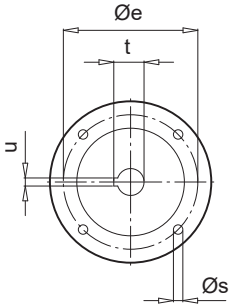

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |



## SK 672.1 - IEC 63..90
## SK 672.1F - IEC 63..90



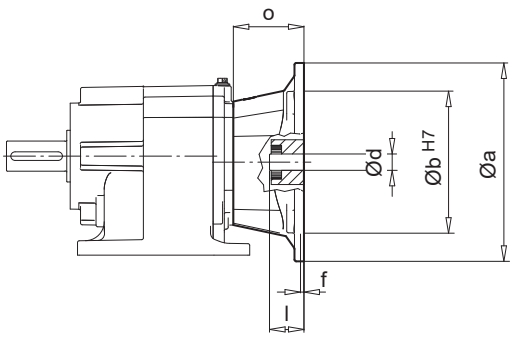


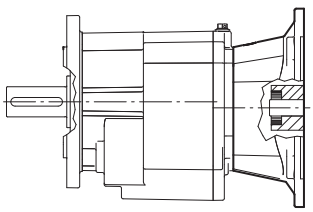

| $i_{ges}$ →📖B40 | q1 |
|---|---|
| ≥ 23,41 | 56 |
| < 23,41 | 40 |

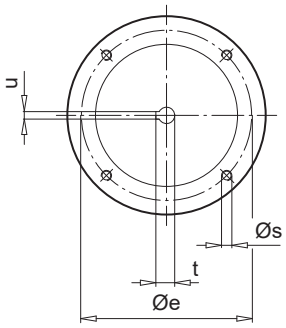
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 ** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - C105 ** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - C120 ** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| IEC 90 - C140 ** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

** ⇨📖 A61

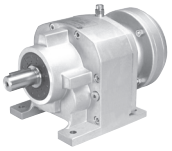
## SK 672.1 - IEC 100..132
## SK 672.1F - IEC 100..132





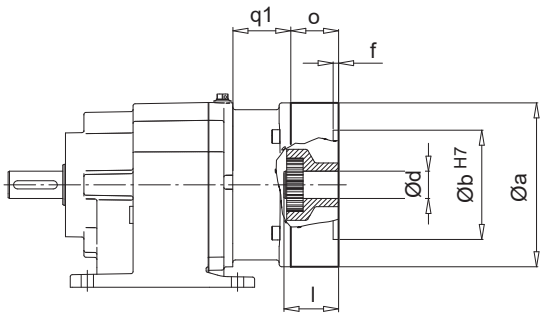

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 106 | 38 | 80 | 41,3 | 10 |

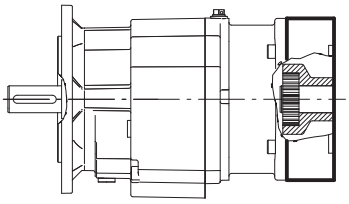


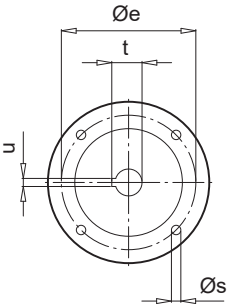




## SK 673.1 - IEC 63..90
## SK 673.1F - IEC 63..90



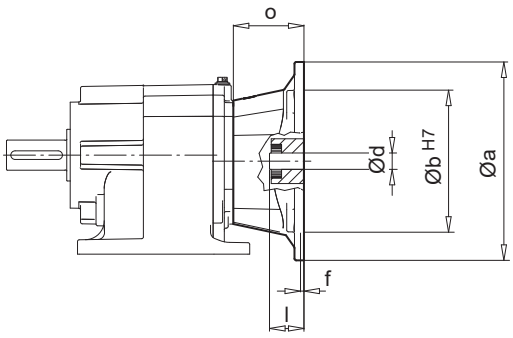


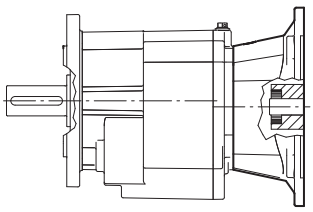

| $i_{ges}$ →📖B41 | q1 |
|---|---|
| ≥ 115,89 | 56 |
| < 115,89 | 40 |

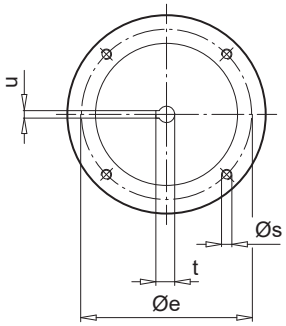
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 ** | 90 | 60 | 75 | 3 | 6 | 32,5 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 32,5 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - C105 ** | 105 | 70 | 85 | 3 | 7 | 32,5 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 32,5 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - C120 ** | 120 | 80 | 100 | 3,5 | 7 | 32,5 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 32,5 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 32,5 | | | | |
| IEC 90 - C140 ** | 140 | 95 | 115 | 3,5 | 9 | 45,5 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 45,5 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 45,5 | | | | |

** ⇨📖 A61

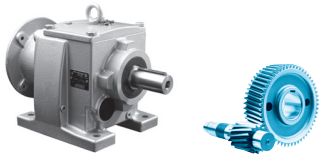
## SK 673.1 - IEC 100..132
## SK 673.1F - IEC 100..132



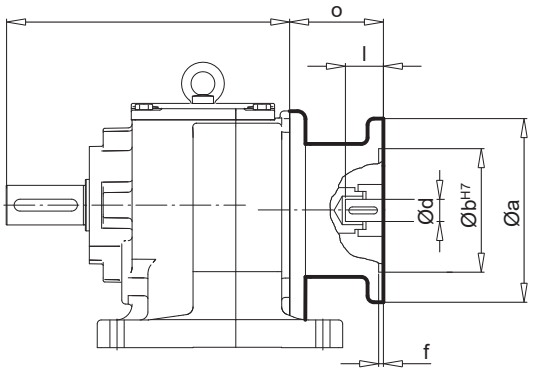



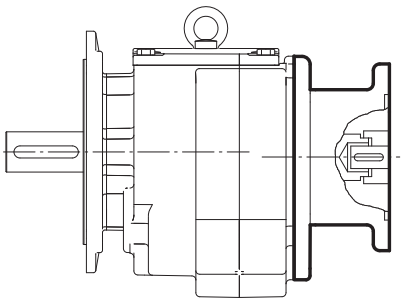



| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 106 | 38 | 80 | 41,3 | 10 |



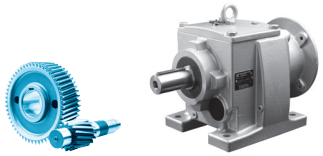
## SK 772.1 / 773.1 - IEC 71...132
## SK 772.1F / 773.1F - IEC 71...132





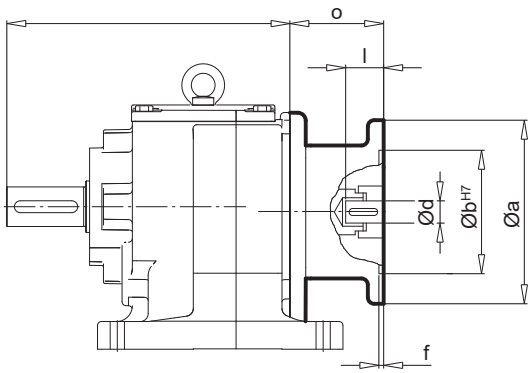
| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **71** | 160 | 110 | 14 | 130 | 4 | 30 | 88 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4 | 40 | 108 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4 | 50 | 108 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5 | 60 | 125 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5 | 60 | 125 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5 | 80 | 156 | M12 | 41,3 | 10 |

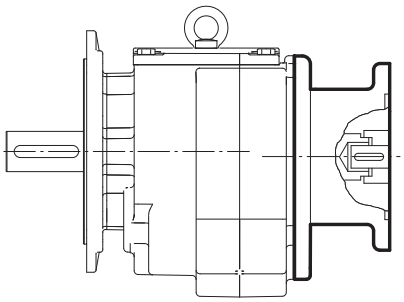




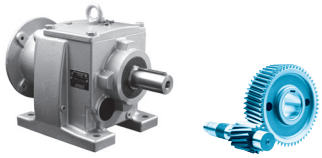


## SK 872.1 / 873.1 - IEC 90...180
## SK 872.1F / 873.1F - IEC 90...180

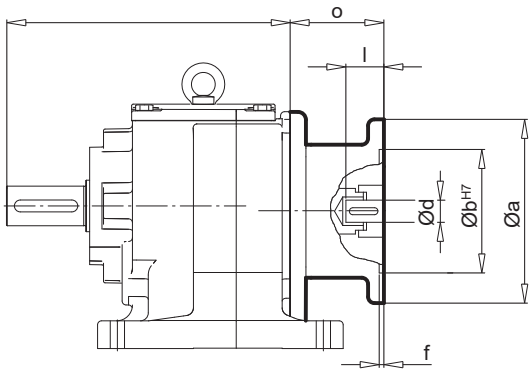


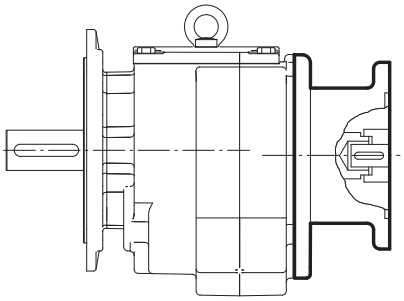



| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 200 | 130 | 24 | 165 | 4 | 50 | 109 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5 | 60 | 133 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5 | 60 | 133 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5 | 80 | 190 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6 | 110 | 194 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6 | 110 | 194 | M16 | 51,8 | 14 |



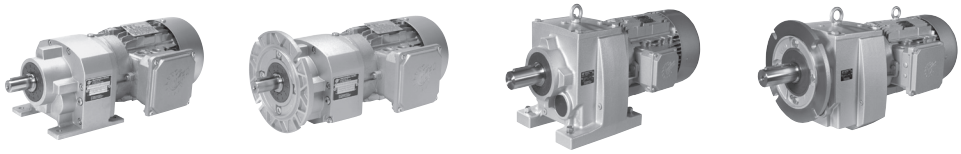
## SK 972.1 / 973.1 - IEC 90...200
## SK 972.1F / 973.1F - IEC 90...200





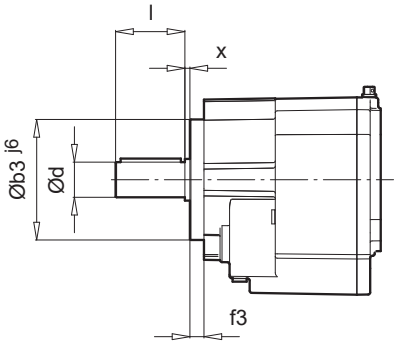
| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 200 | 130 | 24 | 165 | 4 | 50 | 109 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5 | 60 | 133 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5 | 60 | 133 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5 | 80 | 190 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6 | 110 | 194 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6 | 110 | 194 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6 | 110 | 245 | M16 | 59,3 | 16 |

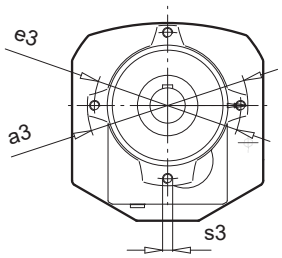




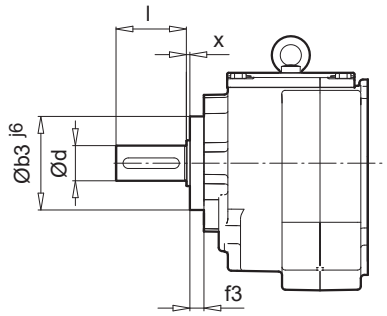


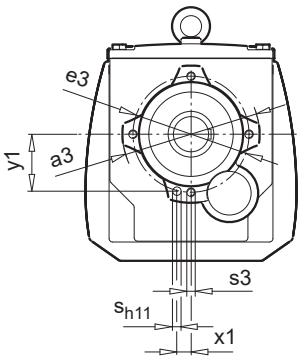
## SK 072.1 Z / SK 172.1 Z
## SK 372.1 Z - SK 672.1 Z
## SK 373.1 Z - SK 673.1 Z




## SK 772.1 Z - SK 972.1 Z
## SK 773.1 Z - SK 973.1 Z

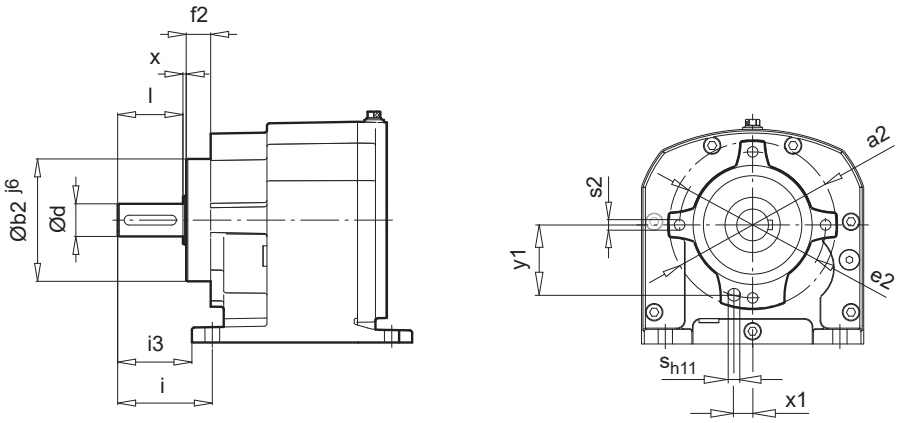


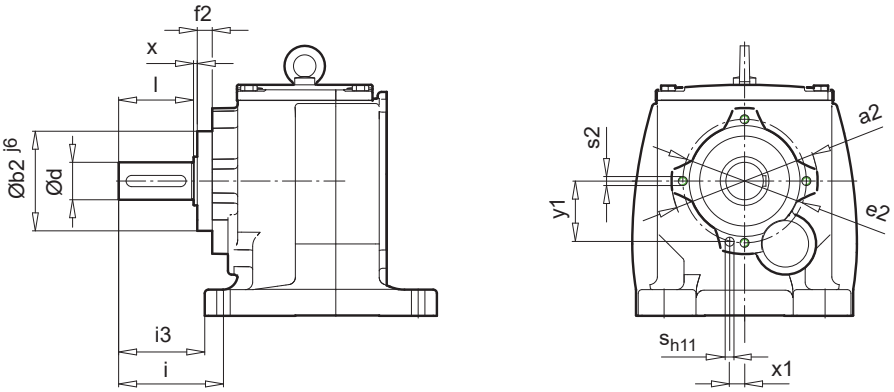

| Type | a3 | b3 | e3 | f3 | s3 | d | l | x | x1 | y1 | $s_{h11}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 072.1 Z** | 80 | 56 | 68 | 12,5 | M6x12 | 20 | 40 | 2 | 8,8 | 32,84 | Ø5x16 |
| **SK 172.1 Z** | 107 | 75 | 92 | 15 | M8x18 | 20 | 40 | 2 | 12 | 44 | Ø8x14,5 |
| **SK 372.1 Z**<br>**SK 373.1 Z** | 131 | 95 | 110 | 20 | M8x16 | 25 | 50 | 3 | 10,49 | 53,99 | Ø6x20 |
| **SK 572.1 Z ***<br>**SK 573.1 Z *** | 160 | 120 | 145 | 14 | M10x17 | 35 | 70 | 4 | 17 | 70 | Ø8x20 |
| **SK 572.1 Z ***<br>**SK 573.1 Z *** | 160 | 120 | 145 | 14 | M10x17 | 30 | 60 | 4 | 17 | 70 | Ø8x20 |
| **SK 672.1 Z**<br>**SK 673.1 Z** | 180 | 135 | 160 | 14 | M10x20 | 35 | 70 | 4 | 20 | 77,5 | Ø10x20 |
| **SK 772.1 Z**<br>**SK 773.1 Z** | 152 | 105 | 130 | 16 | M12x15 | 40 | 80 | 4 | 20 | 61,85 | Ø12x20 |
| **SK 872.1 Z**<br>**SK 873.1 Z** | 194 | 135 | 165 | 20 | M12x20 | 50 | 100 | 5 | 25 | 79 | Ø12x30 |
| **SK 972.1 Z**<br>**SK 973.1 Z** | 236 | 168 | 200 | 25 | M16x25 | 60 | 120 | 6 | 28 | 96 | Ø16x35 |

* ⇨ A8

## SK 072.1 Z / SK 172.1 XZ
## SK 372.1 Z - SK 672.1 XZ
## SK 373.1 Z - SK 673.1 XZ

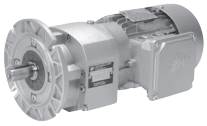
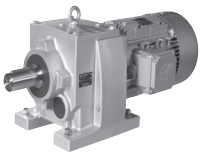
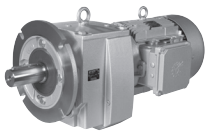



## SK 772.1 Z - SK 972.1 XZ
## SK 773.1 Z - SK 973.1 XZ




| Type | a2 | b2 | e2 | f2 | s2 | i | i3 | d | l | x | x1 | y1 | $s_{h11}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 072.1 XZ** | 85 | 56 | 68 | 12,5 | M6x12 | 48 | 41 | 20 | 40 | 2 | 8,8 | 32,84 | Ø5x16 |
| **SK 172.1 XZ** | 110 | 75 | 92 | 15 | M8x18 | 68 | 58 | 20 | 40 | 2 | 12 | 44 | Ø8x14,5 |
| **SK 372.1 XZ**<br>**SK 373.1 XZ** | 130 | 95 | 110 | 20 | M8x16 | 75 | 60 | 25 | 50 | 3 | 10,49 | 53,99 | Ø6x20 |
| **SK 572.1 XZ ***<br>**SK 573.1 XZ *** | 160 | 120 | 145 | 14 | M10x25 | 100 | 82,5 | 35 | 70 | 4 | 17 | 70 | Ø8x20 |
| **SK 572.1 XZ ***<br>**SK 573.1 XZ *** | 160 | 120 | 145 | 14 | M10x25 | 100 | 82,5 | 30 | 60 | 4 | 17 | 70 | Ø8x20 |
| **SK 672.1 XZ**<br>**SK 673.1 XZ** | 180 | 135 | 160 | 14 | M10x20 | 100 | 80 | 35 | 70 | 4 | 20 | 77,5 | Ø10x20 |
| **SK 772.1 XZ**<br>**SK 773.1 XZ** | 152 | 105 | 130 | 16 | M12x15 | 115 | 95 | 40 | 80 | 4 | 20 | 61,85 | Ø12x20 |
| **SK 872.1 XZ**<br>**SK 873.1 XZ** | 194 | 135 | 165 | 20 | M12x20 | 140 | 115 | 50 | 100 | 5 | 25 | 79 | Ø12x30 |
| **SK 972.1 XZ**<br>**SK 973.1 XZ** | 236 | 168 | 200 | 25 | M16x25 | 160 | 132,5 | 60 | 120 | 6 | 28 | 96 | Ø16x35 |

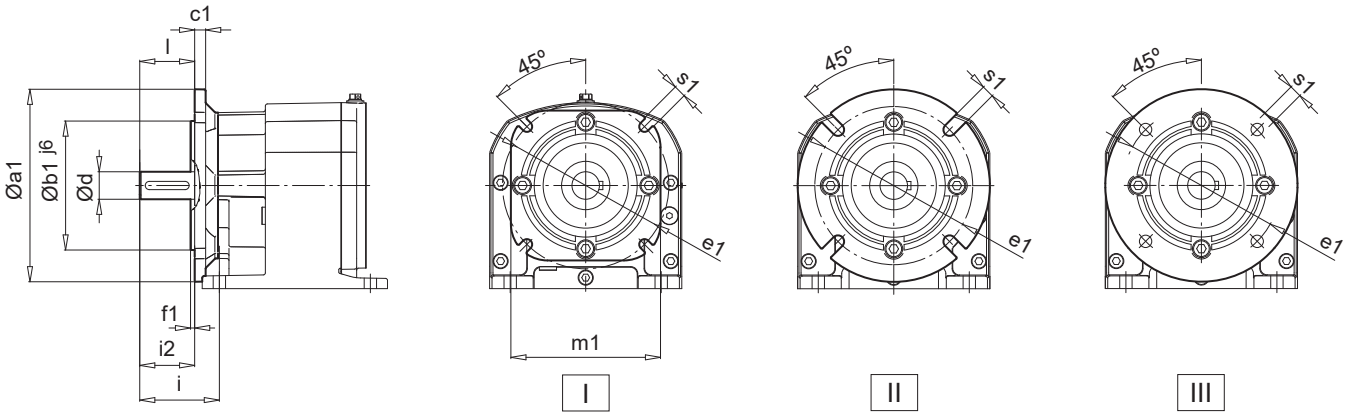
* ⇨ A8

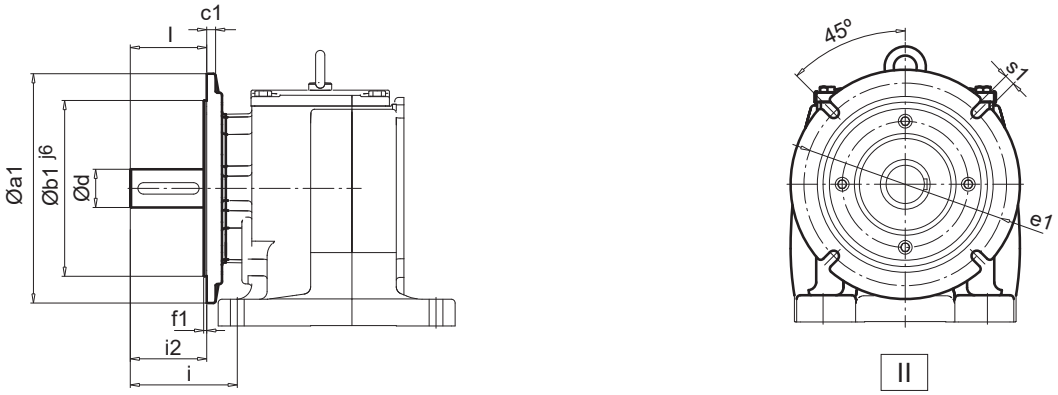




## SK 072.1 Z / SK 172.1 XF
## SK 372.1 Z - SK 672.1 XF
## SK 373.1 Z - SK 673.1 XF

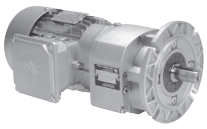



## SK 772.1 Z - SK 972.1 XF
## SK 773.1 Z - SK 973.1 XF

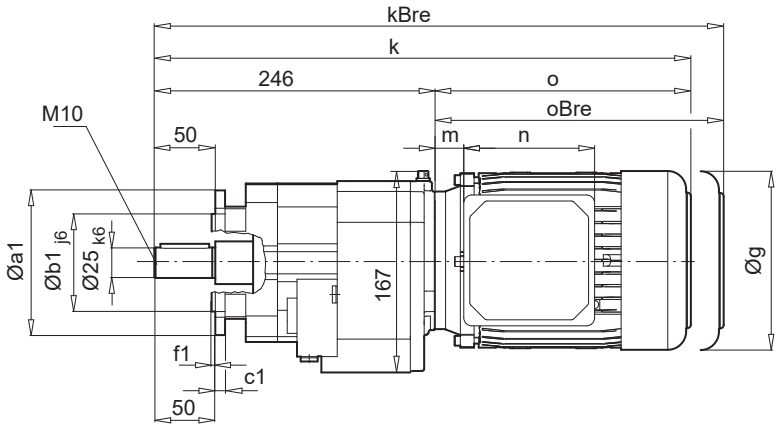


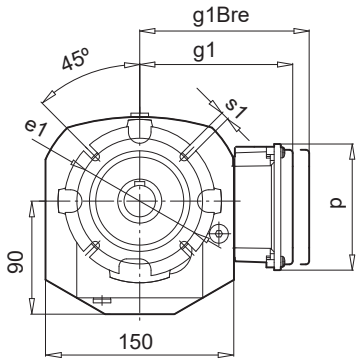

| Type | | a1 | b1 | c1 | e1 | f1 | m1 | s1 | i | i2 | d | l |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 072.1 XF** | I | 120 | 80 | 7 | 100 | 3 | 90 | 6,6 | 48 | 40 | 20 | 40 |
| **SK 172.1 XF** | II | 120<br>140 | 80<br>95 | 8<br>8 | 100<br>115 | 3<br>3 | - | 6,6<br>9,0 | 58<br>58 | 40<br>40 | 20 | 40 |
| **SK 372.1 XF**<br>**SK 373.1 XF** | II | 140<br>160 | 95<br>110 | 9<br>10 | 110<br>130 | 3<br>3,5 | - | 8,6<br>8,6 | 75<br>75 | 50<br>50 | 25 | 50 |
| **SK 572.1 XF ***<br>**SK 573.1 XF *** | II | 200 | 130 | 12 | 165 | 3,5 | - | 11 | 100 | 70 | 35 | 70 |
| **SK 572.1 XF ***<br>**SK 573.1 XF *** | II | 200 | 130 | 12 | 165 | 3,5 | - | 11 | 100 | 70 | 30 | 60 |
| **SK 672.1 XF**<br>**SK 673.1 XF** | III | 200 | 130 | 12 | 165 | 4 | - | 11 | 88 | 70 | 35 | 70 |
| **SK 772.1 XF**<br>**SK 773.1 XF** | II | 200<br>250 | 180 | 15 | 215 | 4 | - | 13,5 | 115 | 80 | 40 | 80 |
| **SK 872.1 XF**<br>**SK 873.1 XF** | II | 250<br>300 | 230 | 20 | 265 | 4 | - | 13,5 | 140 | 100 | 50 | 100 |
| **SK 972.1 XF**<br>**SK 973.1 XF** | II | 300<br>350 | 250 | 20 | 300 | 5 | - | 17,5 | 160 | 120 | 60 | 120 |

* ⇨ 🕮 A8



## SK 372.1F
## SK 373.1F




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 8 | 100 | 3 | 6,6 |

⇨🕮 A8



## SK 372.1F

| ± ⇨🕮 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | |
| k / kBre | 442 / 498 | 482 / 540 | 507 / 571 | 507 / 571 | 548 / 623 | 578 / 669 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |

W →🕮 B61

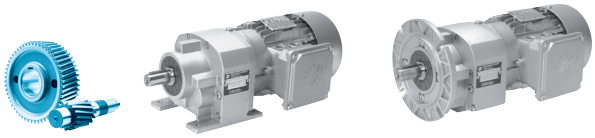
IEC 63 - 100
→🕮 B64

## SK 373.1F

| ± ⇨🕮 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 442 / 498 | 482 / 540 | 507 / 571 | 507 / 571 | 548 / 623 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | | |

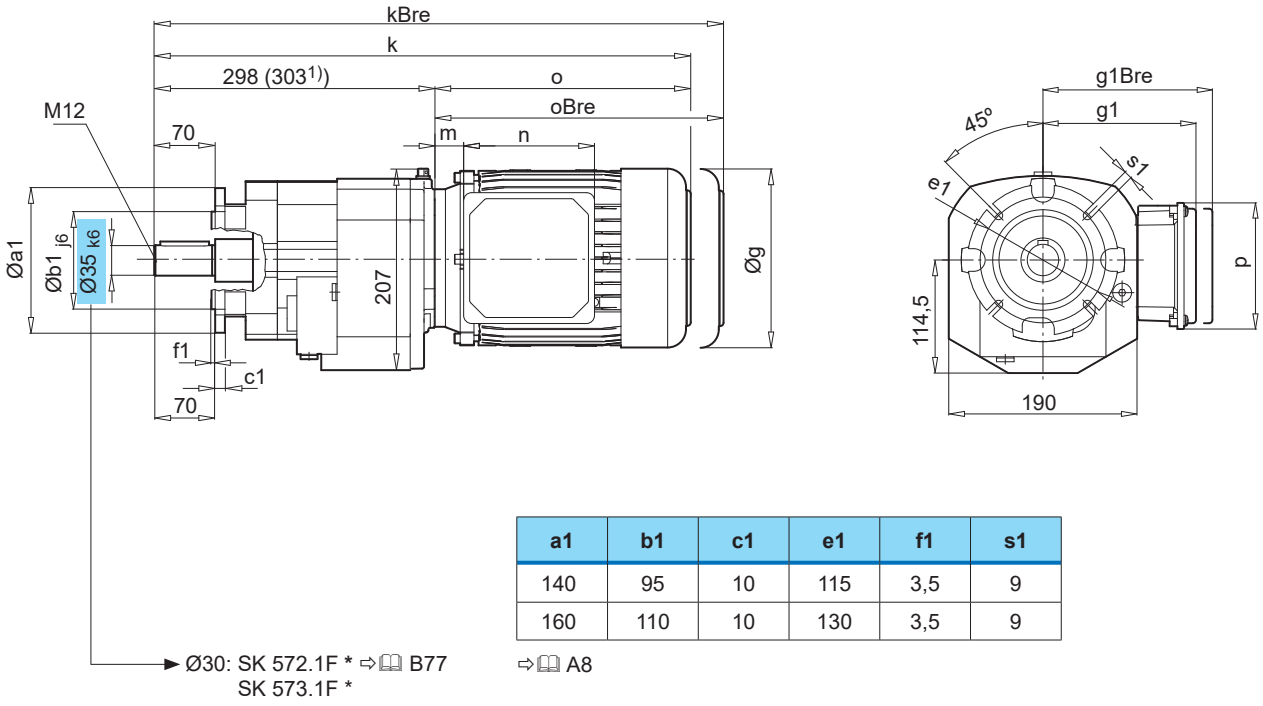
W →🕮 B61

IEC 63 - 90
→🕮 B65





## SK 572.1F
## SK 573.1F




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | 95 | 10 | 115 | 3,5 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

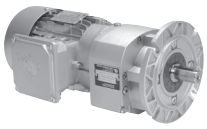
⇨ A8

## SK 572.1F

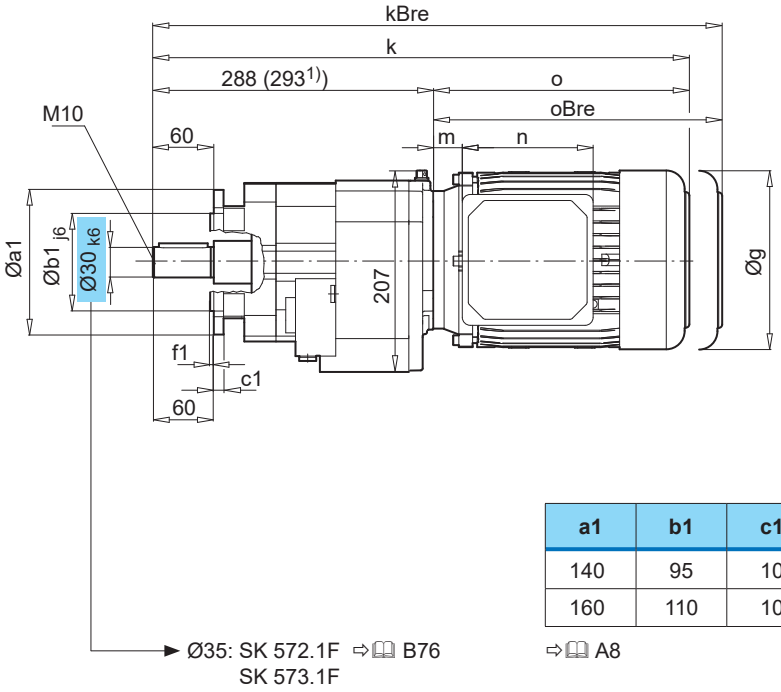
| ± ⇨ A61 | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP 1) | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 264 | W ⇨ B61 |
| g1 / g1Bre | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 | |
| k / kBre | 534 / 592 | 559 / 623 | 559 / 623 | 600 / 675 | 630 / 721 | 677 / 771 | 738 / 846 | |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | 435 / 542 | |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 | IEC 63 - 112 →B66 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | |
| p / pBre | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |

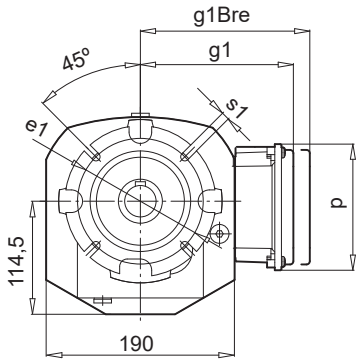
## SK 573.1F

| ± ⇨ A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 | W ⇨ B61 |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | |
| k / kBre | 494 / 550 | 534 / 592 | 559 / 623 | 559 / 623 | 600 / 675 | 630 / 720 | 677 / 771 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | IEC 63 - 112 →B67 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |



## SK 572.1F *
## SK 573.1F *




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | 95 | 10 | 115 | 3,5 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

⇨📖 A8



## SK 572.1F *

| ± ⇨📖 A61 | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 264 |
| g1 / g1Bre | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 | 204 / 201 |
| k / kBre | 523 / 581 | 548 / 612 | 548 / 612 | 589 / 664 | 619 / 710 | 667 / 761 | 728 / 836 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 | 435 / 542 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 65 / 58 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 |

W ⇨📖 B65

IEC 63 - 112
⇨📖 B70

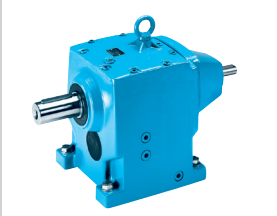
## SK 573.1F *

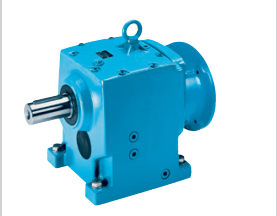
| ± ⇨📖 A61 | 63 S / L | 71 S / L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| g1 / g1Bre | 115 / 123 | 124 / 133 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 172 | 179 / 182 |
| k / kBre | 483 / 539 | 523 / 581 | 548 / 612 | 548 / 612 | 589 / 664 | 619 / 710 | 667 / 761 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 474 |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 |

W ⇨📖 B65

IEC 63 - 112
⇨📖 B71

# Notes






**ENQUIRY FORM** . . . . . C - 2

**AVAILABLE VERSIONS** . . . . . C - 3

**GEAR UNIT MOTOR DATA**

Power and speed tables . . . . . C - 4

Power and speed tables
W- and IEC adapters . . . . . C - 41

**DIMENSIONED DRAWINGS**

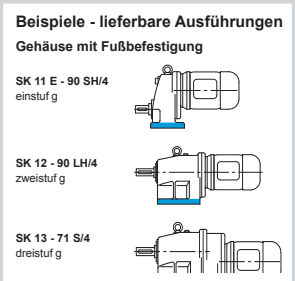
Helical geared motors . . . . . C - 63

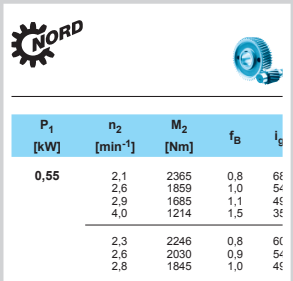
Helical gear units, W- and IEC adapters . . . . . C - 92

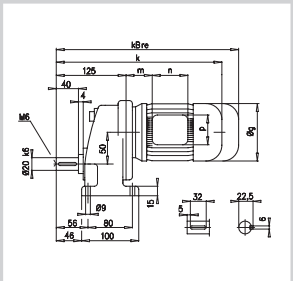
**OPTIONS**

**XZ** Foot and flange-mounted versions, B14 flange. C - 97

**XF** Foot and flange-mounted versions, B5 flange . C - 97

# Enquiry form

DRIVESYSTEMS

This general enquiry form can be found in the attachment as well as on the **NORD** homepage under **www.nord.com** - Heading DOCUMENTATION / FORMS.

## Allgemeines Anfrageformular

NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Telefon +49(0) 4532/401-0
Telefax +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com

| | | | |
|---|---|---|---|
| Firma | | | |
| Straße | | | |
| Ort | | PLZ | |
| Kontakt | | | |
| Telefon | | Kundennr. | |
| Fax | | Anwendung | |
| E-Mail | | Projekt | |

**Benötigte Komponente**

◯ Getriebemotor | ◯ IEC - Getriebemotor | ◯ Getriebe mit freiem Wellenende | ◯ Solo - Motor

| | | | |
|---|---|---|---|
| Menge | | Typ | |

**Getriebespezifische Parameter**

| | | | |
|---|---|---|---|
| Bauform | | Übersetzung i | |
| Flansch ◯ B14 ◯ B5 | ø | | [mm] |
| ◯ Hohlwelle ◯ Vollwelle | ø | x | [mm] |
| Abtriebsdrehz. bei Netzfq. $n_2$ | | | [$min^{-1}$] |
| Abtriebsdrehmoment $M_2$ | | | [Nm] |
| Mindest - Betriebsfaktor $f_b$ | | | |
| Mindestlagerlebensdauer Lh | | | [h] |
| Querkräfte an der Abtriebswelle $F_{R2}$ | | | [h] [N] |
| Axialkräfte an der Abtriebswelle $F_{A2}$ | | | [N] |
| Abst. vom Wellenbund z. Kraftangr. | | | [mm] |

**Getriebespezifische Parameter**

| | | | | | | |
|---|---|---|---|---|---|---|
| Lagerung | ◯ normal | ◯ VL | ◯ VL2 | ◯ VL3 | ◯ AL | |
| Bei Kegelrad- oder Schneckengetr. | | | Welle bei | ◯ A | ◯ B | |
| Ölsorte | ◯ Mineral | ◯ synth. | ◯ Lebensmittelöl | | | |
| | ◯ Spezielle Ölsorte | | | | | |

**Motorspezifische Parameter**

| | | | | |
|---|---|---|---|---|
| Effektive Motorleistung | | | | [kW] |
| Motordrehzahl $n_1$ | | | | [$min^{-1}$] |
| Temperaturfühler (Kaltleiter) ◯ | Bimetal Temperaturwächter ◯ | | | |
| Netzspannung | | [V] | +/- | [%] |
| Netzfrequenz | | [Hz] | | |



◯ Schaltschrankumrichter ◯ Motoraufgebauter Umrichter

| | | | | |
|---|---|---|---|---|
| Verstellbreich von | | [Hz] | bis | [Hz] |
| ☐ Konstantes Moment im Verstellbereich | | [Nm] | | |
| ☐ Fremdlüfter | | | | |
| ☐ Motorvergrößerung (bei konstantem Moment) | | | | |
| ☐ Positionierung | ◯ Inkremental | ◯ Absolut | | |
| ☐ Drehzahlrückführung | | | | |
| ☐ Generatorischer Betr. rückgesp. Leistung | | [kW] | | |
| ☐ Bussystem - um was für ein Bussystem handelt es sich | | | | |
| ☐ Bedienung über | ◯ PC | ◯ Bedienbox | | |

**Rahmenbedingungen**

| | | | |
|---|---|---|---|
| Umgebungstemperaturen von | | bis | [°C] |
| ☐ Puffermontage bei Fahrantrieben | | | [Nm] |
| ☐ Relative Luftfeuchte | | | [%] |
| ☐ Direkte Sonneneinstrahlung | | | |
| ☐ Aggressive Medien (z.B.: salzhaltige Luft) | | | |
| ☐ erhöhte Aufstellhöhe | | | [m] |
| ☐ Niederschlag | | | |
| ☐ ATEX (Explosive Gemische in der Umgebung) | | Zone | |

**Lackierung**

◯ Unlackiert
◯ Farbe 1.0 - Grundiert
◯ Farbe 2.0 - Standard
◯ Farbe 3.0 - normale Umweltbelastung
◯ Farbe 3.1 - mittlere Umweltbelastung
◯ Farbe 3.2 - starke Umweltbelastung
◯ andere Lackierung (z.B.: Z, 3.4 oder 3.5)
☐ Sonder Farbton (Standard RAL7031) RAL
☐ Vorschriften DIN EN, etc. bitte Angeben

**Allgemeine Bedingungen**

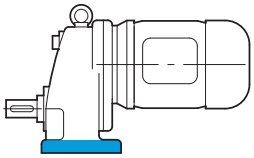
| | | |
|---|---|---|
| Angebot bis zum | | |
| Einkaufsbedingungen bekannt | ◯ | nicht bekannt ◯ |
| Einkaufsbedingungen als Anlage | ☐ | |
| Lieferzeit nach Eingang der Bestellung | | |
| Lieferung Frachtfrei | ☐ | |

| | |
|---|---|
| Bemerkungen | |

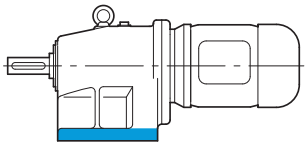
## Examples - available helical gear unit versions

### Housing with foot mounting

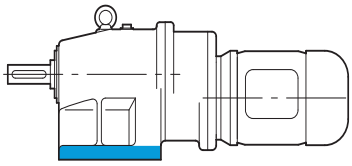
**SK 11 E - 90 SH/4**
Single stage



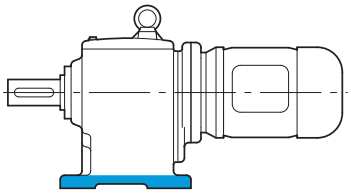
**SK 12 - 90 LH/4**
Two-stage



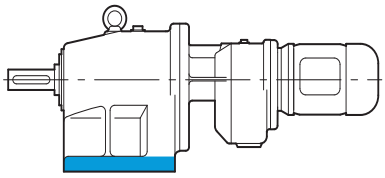
**SK 13 - 71 S/4**
Three-stage



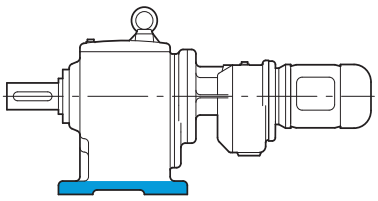
**SK 62 - 160 LH/4**
**SK 63 - 160 LH/4**
Two- and three-stage



**SK 12/02 - 63 S/4**
Four-stage

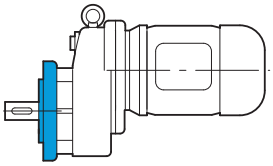


**SK 63/22 - 80 SH/4**
Five- and six-stage

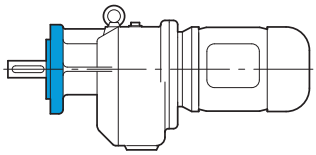


### Housing with B5 - flange mountin

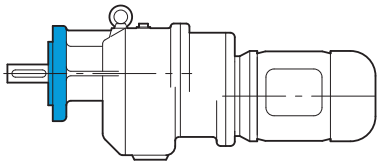
**SK 11 EF - 90 SH/4**
Single stage



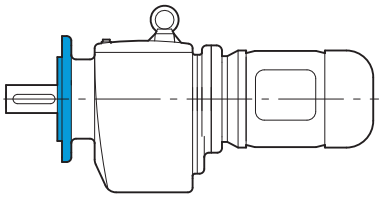
**SK 12 F - 90 LH/4**
Two-stage



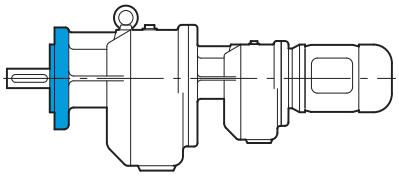
**SK 13 F - 71 S/4**
Three-stage



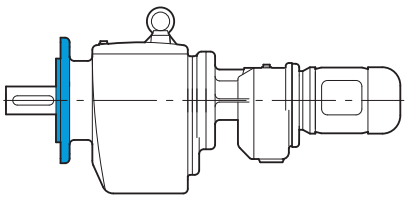
**SK 62 F - 100 AH/4**
**SK 63 F - 100 AH/4**
Two- and three-stage



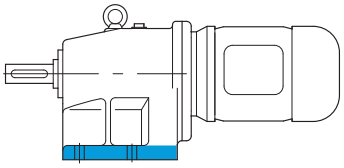
**SK 12/02 F - 63 S/4**
Four-stage

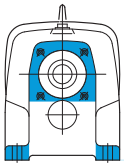


**SK 63/22 F - 80 SH/4**
Five- and six-stage

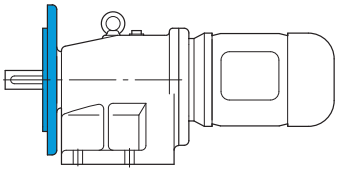


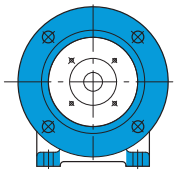
### Housing options for foot and flange-mountin





**SK 12 XZ - 80 LH/4**
Foot-mounting & B14 flange
Two-stage



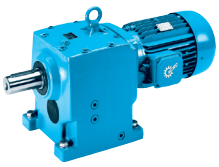


**SK 12 XF - 80 LH/4**
Foot-mounting & B5 flange
Two-stage

All helical gear units are also available: - with free drive shaft (Type suffix W)
- for mounting IEC standard motors (Type suffix IEC)

# 0,12 kW

IE1 Standard



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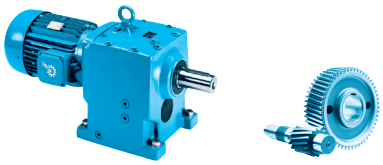
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 1,5 | 526 | 3,5 | 918,83 | 14,1 | 23,8 | 19,8 | 40,0 | **SK 52/12 - 63 S/4** | 88 | C78<br>C90 |
| | 1,0 | 797 | 1,5 | 1393,38 | 7,4 | 12,0 | 10,9 | 30,0 | **SK 42/12 - 63 S/4** | 59 | C76<br>C90 |
| | 1,2 | 638 | 1,9 | 1114,65 | 7,8 | 12,0 | 11,1 | 30,0 | | | |
| | 1,8 | 429 | 2,8 | 750,33 | 8,1 | 12,0 | 11,4 | 29,1 | | | |
| | 1,0 | *775 | 0,8 | 1305,66 | 5,4 | 9,0 | 8,5 | 25,0 | **SK 32/12 - 63 S/4** | 47 | C74<br>C90 |
| | 1,2 | 618 | 1,0 | 1080,05 | 6,0 | 9,0 | 8,9 | 25,0 | | | |
| | 1,5 | 497 | 1,2 | 869,04 | 6,3 | 9,0 | 9,1 | 25,0 | | | |
| | 1,9 | 400 | 1,5 | 699,55 | 6,5 | 9,0 | 9,2 | 25,0 | | | |
| | 2,4 | 317 | 2,0 | 554,68 | 6,7 | 9,0 | 9,3 | 25,0 | | | |
| | 3,0 | 255 | 2,4 | 446,31 | 6,7 | 9,0 | 9,4 | 25,0 | | | |
| | 3,7 | 208 | 3,0 | 363,06 | 6,8 | 9,0 | 9,4 | 25,0 | | | |
| | 1,2 | *712 | 0,8 | 740,37 | 5,7 | 9,0 | 8,6 | 25,0 | **SK 33N - 63 L/6** | 43 | C75 |
| | 1,3 | *700 | 0,8 | 662,81 | 5,7 | 9,0 | 8,7 | 25,0 | | | |
| | 1,5 | *792 | 0,8 | 585,41 | 5,4 | 9,0 | 8,4 | 25,0 | | | |
| | 1,7 | 694 | 1,0 | 524,08 | 5,8 | 9,0 | 8,7 | 25,0 | | | |
| | 2,1 | 558 | 1,2 | 421,32 | 6,2 | 9,0 | 9,0 | 25,0 | | | |
| | 1,8 | 636 | 0,9 | 740,37 | 5,9 | 9,0 | 8,8 | 25,0 | **SK 33N - 63 S/4** | 43 | C75 |
| | 2,0 | 569 | 1,0 | 662,81 | 6,2 | 9,0 | 9,0 | 25,0 | | | |
| | 2,3 | 503 | 1,3 | 585,41 | 6,3 | 9,0 | 9,1 | 25,0 | | | |
| | 2,5 | 450 | 1,5 | 524,08 | 6,4 | 9,0 | 9,2 | 25,0 | | | |
| | 3,2 | 362 | 1,9 | 421,32 | 6,6 | 9,0 | 9,3 | 25,0 | | | |
| | 3,9 | 291 | 2,2 | 339,15 | 6,7 | 9,0 | 9,4 | 25,0 | | | |
| | 5,4 | 213 | 3,2 | 248,17 | 6,8 | 9,0 | 9,4 | 23,5 | | | |
| | 6,4 | 178 | 3,8 | 207,10 | 6,8 | 9,0 | 9,4 | 22,4 | | | |
| | 1,2 | *425 | 0,8 | 1159,34 | 3,9 | 5,6 | 6,4 | 20,0 | **SK 22/02 - 63 S/4** | 34 | C72<br>C90 |
| | 1,5 | *425 | 0,8 | 881,66 | 3,9 | 5,6 | 6,4 | 20,0 | | | |
| | 1,7 | *342 | 0,8 | 516,65 | 4,5 | 5,6 | 6,8 | 20,0 | **SK 23 - 63 L/6** | 31 | C73 |
| | 2,1 | *425 | 0,8 | 417,95 | 3,9 | 5,6 | 6,4 | 20,0 | | | |
| | 2,7 | *425 | 0,8 | 323,70 | 3,9 | 5,6 | 6,4 | 20,0 | | | |
| | 2,6 | *342 | 0,8 | 516,65 | 4,5 | 5,6 | 6,8 | 20,0 | **SK 23 - 63 S/4** | 31 | C73 |
| | 3,2 | 359 | 0,9 | 417,95 | 4,4 | 5,6 | 6,8 | 19,4 | | | |
| | 4,1 | 278 | 1,2 | 323,70 | 4,8 | 5,6 | 7,1 | 18,4 | | | |
| | 5,1 | 225 | 1,5 | 262,24 | 5,1 | 5,6 | 7,2 | 17,5 | | | |
| | 6,1 | 187 | 1,8 | 217,73 | 5,2 | 5,6 | 7,3 | 16,8 | | | |
| | 7,4 | 154 | 2,0 | 179,50 | 5,3 | 5,6 | 7,4 | 15,9 | | | |
| | 8,8 | 130 | 2,3 | 151,44 | 5,3 | 5,6 | 7,4 | 15,2 | | | |
| | 11 | 107 | 3,2 | 124,17 | 5,4 | 5,6 | 7,4 | 14,6 | | | |
| | 13 | 86 | 3,9 | 100,60 | 5,4 | 5,6 | 7,5 | 13,8 | | | |
| | 15 | 76 | 4,5 | 88,45 | 5,4 | 5,6 | 7,5 | 13,3 | | | |
| | 1,0 | *225 | 0,8 | 1280,32 | 2,8 | 4,0 | 4,5 | 14,5 | **SK 12/02 - 63 S/4** | 22 | C70<br>C90 |
| | 1,3 | *225 | 0,8 | 1054,29 | 2,8 | 4,0 | 4,5 | 14,5 | | | |
| | 1,5 | *225 | 0,8 | 886,11 | 2,8 | 4,0 | 4,5 | 14,5 | | | |
| | 2,1 | *209 | 0,8 | 420,83 | 3,0 | 4,0 | 4,6 | 14,5 | **SK 13 - 63 L/6** | 19 | C71 |
| | 2,3 | *220 | 0,8 | 369,34 | 2,9 | 4,0 | 4,6 | 14,5 | | | |
| | 2,8 | *209 | 0,8 | 313,48 | 3,0 | 4,0 | 4,6 | 14,5 | | | |
| | 3,1 | *220 | 0,8 | 275,12 | 2,9 | 4,0 | 4,6 | 14,5 | | | |
| | 3,5 | *221 | 0,8 | 244,62 | 2,9 | 4,0 | 4,6 | 14,5 | | | |
| | 3,2 | *209 | 0,8 | 420,83 | 3,0 | 4,0 | 4,6 | 14,5 | **SK 13 - 63 S/4** | 19 | C71 |
| | 3,6 | *220 | 0,8 | 369,34 | 2,9 | 4,0 | 4,6 | 14,5 | | | |
| | 4,3 | *209 | 0,8 | 313,48 | 3,0 | 4,0 | 4,6 | 14,5 | | | |
| | 4,9 | *220 | 0,8 | 275,12 | 2,9 | 4,0 | 4,6 | 14,5 | | | |
| | 5,5 | *221 | 0,8 | 244,62 | 2,9 | 4,0 | 4,6 | 14,0 | | | |
| | 6,8 | 168 | 1,2 | 195,78 | 3,2 | 4,0 | 4,8 | 13,4 | | | |
| | 8,4 | 137 | 1,2 | 159,36 | 3,4 | 4,0 | 4,9 | 12,7 | | | |
| | 10 | 114 | 1,3 | 132,45 | 3,5 | 4,0 | 5,0 | 12,1 | | | |
| | 12 | 93 | 1,9 | 108,72 | 3,6 | 4,0 | 5,0 | 11,7 | | | |
| | 16 | 73 | 2,4 | 85,47 | 3,6 | 4,0 | 5,0 | 11,0 | | | |

*** Maximum output torque with $f_B$ = 0,8**



IE1 Standard

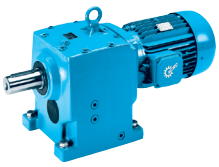
# 0,12 kW
# 0,18 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 12 | 96 | 1,4 | 72,63 | 3,5 | 4,0 | 5,0 | 11,8 | **SK 12 - 63 L/6** | 14 | C70 |
| | 14 | 81 | 1,9 | 61,35 | 3,6 | 4,0 | 5,0 | 11,3 | | | |
| | 18 | 62 | 2,2 | 72,63 | 3,6 | 4,0 | 5,1 | 10,6 | **SK 12 - 63 S/4** | 14 | C70 |
| | 22 | 53 | 2,9 | 61,35 | 3,7 | 4,0 | 5,1 | 10,1 | | | |
| | 25 | 46 | 3,8 | 53,84 | 3,7 | 4,0 | 5,1 | 9,8 | | | |
| | 31 | 37 | 4,4 | 43,09 | 3,7 | 4,0 | 5,1 | 9,2 | | | |
| | 38 | 30 | 4,9 | 35,07 | 3,7 | 4,0 | 5,1 | 8,6 | | | |
| | 46 | 25 | 5,0 | 29,15 | 3,7 | 4,0 | 5,1 | 8,2 | | | |
| | 63 | 18 | 9,1 | 21,28 | 3,5 | 4,0 | 5,1 | 7,5 | | | |
| | 71 | 16 | 10,0 | 18,79 | 3,3 | 4,0 | 5,1 | 7,3 | | | |
| | 80 | 14 | 10,7 | 16,73 | 3,2 | 4,0 | 5,1 | 7,0 | | | |
| | 100 | 11 | 13,0 | 13,39 | 3,0 | 4,0 | 5,1 | 6,6 | | | |
| | 4,3 | *111 | 0,8 | 313,11 | 2,0 | 3,3 | 3,0 | 6,2 | **SK 03 - 63 S/4** | 16 | C69 |
| | 4,9 | *111 | 0,8 | 274,28 | 2,0 | 3,3 | 3,0 | 6,2 | | | |
| | 6,3 | *132 | 0,8 | 212,47 | 1,7 | 3,3 | 2,9 | 6,2 | | | |
| | 7,8 | *135 | 0,8 | 170,75 | 1,7 | 3,3 | 2,9 | 6,2 | | | |
| | 8,8 | *138 | 0,8 | 151,33 | 1,7 | 3,3 | 2,9 | 6,2 | | | |
| | 11 | 107 | 1,0 | 124,62 | 2,0 | 3,3 | 3,1 | 6,2 | | | |
| | 13 | 90 | 1,1 | 104,77 | 2,1 | 3,3 | 3,2 | 6,2 | | | |
| | 16 | 70 | 1,5 | 81,50 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 12 | 97 | 0,9 | 73,06 | 2,1 | 3,3 | 3,1 | 6,2 | **SK 02 - 63 L/6** | 12 | C68 |
| | 14 | 81 | 1,1 | 61,27 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 16 | 71 | 1,2 | 53,68 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 18 | 63 | 1,4 | 73,06 | 2,3 | 3,3 | 3,3 | 6,2 | **SK 02 - 63 S/4** | 12 | C68 |
| | 22 | 53 | 1,7 | 61,27 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 25 | 46 | 1,9 | 53,68 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 32 | 36 | 2,8 | 41,58 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 40 | 29 | 3,3 | 33,42 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 49 | 24 | 3,7 | 27,52 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 58 | 20 | 3,9 | 23,13 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 65 | 18 | 4,2 | 20,59 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 84 | 14 | 5,3 | 15,95 | 2,4 | 3,3 | 3,3 | 5,8 | | | |
| | 104 | 11 | 6,4 | 12,82 | 2,4 | 3,3 | 3,3 | 5,4 | | | |
| | 118 | 10 | 6,9 | 11,27 | 2,4 | 3,3 | 3,3 | 5,2 | | | |
| | 134 | 9 | 7,5 | 9,95 | 2,4 | 3,3 | 3,3 | 5,0 | | | |
| | 144 | 8 | 8,2 | 9,28 | 2,4 | 3,3 | 3,3 | 4,8 | | | |
| | 163 | 7 | 9,0 | 8,19 | 2,3 | 3,3 | 3,3 | 4,7 | | | |
| | 171 | 7 | 9,4 | 7,80 | 2,3 | 3,3 | 3,2 | 4,6 | | | |
| | 194 | 6 | 10,3 | 6,89 | 2,2 | 3,3 | 3,1 | 4,4 | | | |
| | 219 | 5 | 10,9 | 6,10 | 2,1 | 3,3 | 3,0 | 4,2 | | | |
| | 240 | 5 | 11,9 | 5,57 | 2,0 | 3,3 | 2,9 | 4,1 | | | |
| | 277 | 4 | 13,8 | 4,82 | 1,9 | 3,3 | 2,8 | 3,9 | | | |
| | 316 | 4 | 14,4 | 4,22 | 1,9 | 3,3 | 2,6 | 3,8 | | | |
| | 343 | 3 | 15,9 | 3,89 | 1,8 | 3,3 | 2,6 | 3,7 | | | |
| | 395 | 3 | 17,6 | 3,38 | 1,7 | 3,1 | 2,5 | 3,5 | | | |
| | 453 | 3 | 18,2 | 2,95 | 1,6 | 2,9 | 2,3 | 3,3 | | | |
| | 472 | 2 | 22,2 | 2,83 | - | 3,5 | 2,0 | 5,2 | **SK 11E - 63 S/4** | 10 | C63 |
| | 575 | 2 | 28,1 | 2,32 | - | 3,2 | 2,0 | 4,7 | | | |
| | 654 | 2 | 33,1 | 2,04 | - | 3,0 | 2,0 | 4,5 | | | |
| | 738 | 2 | 35,4 | 1,81 | - | 2,8 | 2,0 | 4,3 | | | |
| 0,18 | 1,0 | 1385 | 2,3 | 1408,77 | 19,7 | 45,0 | 27,9 | 45,0 | **SK 63/23 - 63 L/4** | 160 | C81 |
| | 1,3 | 1046 | 3,1 | 1064,04 | 20,0 | 45,0 | 28,1 | 45,0 | | | C91 |
| | 1,0 | 1401 | 1,3 | 1425,44 | 12,9 | 23,8 | 18,9 | 40,0 | **SK 52/12 - 63 L/4** | 88 | C78 |
| | 1,5 | 903 | 2,0 | 918,83 | 13,7 | 23,8 | 19,5 | 40,0 | | | C90 |
| | 2,0 | 678 | 2,7 | 689,41 | 14,0 | 23,8 | 19,7 | 40,0 | | | |
| | 1,0 | 1370 | 0,9 | 1393,38 | 5,0 | 12,0 | 9,4 | 30,0 | **SK 42/12 - 63 L/4** | 59 | C76 |
| | 1,2 | 1096 | 1,1 | 1114,65 | 6,4 | 12,0 | 10,2 | 29,3 | | | C90 |
| | 1,8 | 738 | 1,6 | 750,33 | 7,6 | 12,0 | 11,0 | 27,3 | | | |
| | 2,5 | 541 | 2,2 | 550,73 | 8,0 | 12,0 | 11,3 | 25,6 | | | |
| | 3,1 | 426 | 2,8 | 433,49 | 8,1 | 12,0 | 11,4 | 24,2 | | | |
| | 3,9 | 341 | 3,5 | 346,53 | 8,2 | 12,0 | 11,4 | 22,9 | | | |
| | 4,9 | 272 | 4,4 | 276,92 | 8,3 | 12,0 | 11,5 | 21,6 | | | |

* Maximum output torque with $f_B$ = 0,8

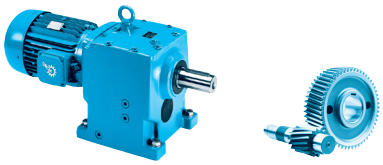
# 0,18 kW

IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,18 | 1,9 | 688 | 0,9 | 699,55 | 5,8 | 9,0 | 8,7 | 25,0 | **SK 32/12 - 63 L/4** | 48 | C74 C90 |
| | 2,5 | 545 | 1,1 | 554,68 | 6,2 | 9,0 | 9,0 | 25,0 | | | |
| | 3,0 | 439 | 1,4 | 446,31 | 6,4 | 9,0 | 9,2 | 25,0 | | | |
| | 3,7 | 357 | 1,7 | 363,06 | 6,6 | 9,0 | 9,3 | 25,0 | | | |
| | 5,1 | 263 | 2,4 | 267,79 | 6,7 | 9,0 | 9,4 | 23,7 | | | |
| | 2,2 | 796 | 0,8 | 421,32 | 5,3 | 9,0 | 8,4 | 25,0 | **SK 33N - 71 S/6** | 44 | C75 |
| | 2,3 | 740 | 0,9 | 585,41 | 5,6 | 9,0 | 8,6 | 25,0 | **SK 33N - 63 L/4** | 43 | C75 |
| | 2,6 | 662 | 1,0 | 524,08 | 5,9 | 9,0 | 8,8 | 25,0 | | | |
| | 3,2 | 533 | 1,3 | 421,32 | 6,2 | 9,0 | 9,0 | 25,0 | | | |
| | 4,0 | 429 | 1,5 | 339,15 | 6,5 | 9,0 | 9,2 | 24,4 | | | |
| | 5,5 | 314 | 2,1 | 248,17 | 6,7 | 9,0 | 9,3 | 22,8 | | | |
| | 6,6 | 262 | 2,6 | 207,10 | 6,7 | 9,0 | 9,4 | 21,8 | | | |
| | 8,2 | 210 | 3,2 | 166,49 | 6,8 | 9,0 | 9,4 | 20,7 | | | |
| | 10 | 169 | 3,8 | 134,02 | 6,8 | 9,0 | 9,4 | 19,4 | | | |
| | 11 | 154 | 3,4 | 81,27 | 6,8 | 9,0 | 9,4 | 19,0 | **SK 32 - 71 S/6** | 35 | C74 |
| | 3,1 | 437 | 0,8 | 444,73 | 3,8 | 5,6 | 6,4 | 19,1 | **SK 22/02 - 63 L/4** | 35 | C72 C90 |
| | 3,9 | 339 | 1,0 | 345,17 | 4,5 | 5,6 | 6,8 | 18,2 | | | |
| | 4,2 | 409 | 0,8 | 323,70 | 4,0 | 5,6 | 6,5 | 17,3 | **SK 23 - 63 L/4** | 31 | C73 |
| | 5,2 | 331 | 1,0 | 262,24 | 4,6 | 5,6 | 6,9 | 16,6 | | | |
| | 6,2 | 275 | 1,2 | 217,73 | 4,8 | 5,6 | 7,1 | 15,9 | | | |
| | 7,6 | 227 | 1,4 | 179,50 | 5,1 | 5,6 | 7,2 | 15,2 | | | |
| | 9,0 | 191 | 1,5 | 151,44 | 5,2 | 5,6 | 7,3 | 14,6 | | | |
| | 11 | 163 | 1,5 | 86,30 | 5,2 | 5,6 | 7,4 | 14,3 | **SK 22 - 71 S/6** | 24 | C72 |
| | 13 | 132 | 2,0 | 69,81 | 5,3 | 5,6 | 7,4 | 13,6 | | | |
| | 16 | 104 | 3,1 | 55,28 | 5,4 | 5,6 | 7,4 | 12,8 | | | |
| | 20 | 87 | 3,4 | 45,90 | 5,4 | 5,6 | 7,5 | 12,1 | | | |
| | 6,4 | 210 | 0,9 | 213,39 | 3,0 | 4,0 | 4,6 | 13,3 | **SK 12/02 - 63 L/4** | 22 | C70 C90 |
| | 6,9 | 247 | 0,8 | 195,78 | 2,6 | 4,0 | 4,4 | 12,5 | **SK 13 - 63 L/4** | 19 | C71 |
| | 8,5 | 201 | 0,8 | 159,36 | 3,0 | 4,0 | 4,6 | 12,0 | | | |
| | 10 | 167 | 0,9 | 132,45 | 3,2 | 4,0 | 4,8 | 11,5 | | | |
| | 13 | 137 | 1,3 | 108,72 | 3,4 | 4,0 | 4,9 | 11,2 | | | |
| | 13 | 137 | 1,0 | 72,63 | 3,4 | 4,0 | 4,9 | 11,2 | **SK 12 - 71 S/6** | 15 | C70 |
| | 15 | 116 | 1,3 | 61,35 | 3,5 | 4,0 | 4,9 | 10,8 | | | |
| | 19 | 92 | 1,5 | 72,63 | 3,6 | 4,0 | 5,0 | 10,2 | **SK 12 - 63 L/4** | 14 | C70 |
| | 22 | 78 | 2,0 | 61,35 | 3,6 | 4,0 | 5,0 | 9,8 | | | |
| | 25 | 68 | 2,6 | 53,84 | 3,6 | 4,0 | 5,1 | 9,5 | | | |
| | 32 | 54 | 3,0 | 43,09 | 3,6 | 4,0 | 5,1 | 8,9 | | | |
| | 39 | 44 | 3,4 | 35,07 | 3,7 | 4,0 | 5,1 | 8,5 | | | |
| | 47 | 37 | 3,4 | 29,15 | 3,7 | 4,0 | 5,1 | 8,0 | | | |
| | 64 | 27 | 6,2 | 21,28 | 3,4 | 4,0 | 5,1 | 7,4 | | | |
| | 72 | 24 | 6,8 | 18,79 | 3,3 | 4,0 | 5,1 | 7,2 | | | |
| | 81 | 21 | 7,3 | 16,73 | 3,2 | 4,0 | 5,1 | 6,9 | | | |
| | 102 | 17 | 8,8 | 13,39 | 3,0 | 4,0 | 5,1 | 6,5 | | | |
| | 17 | 103 | 1,0 | 81,50 | 2,0 | 3,3 | 3,1 | 6,2 | **SK 03 - 63 L/4** | 16 | C69 |
| | 21 | 83 | 1,3 | 65,50 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 15 | 116 | 0,8 | 61,27 | 1,9 | 3,3 | 3,0 | 6,2 | **SK 02 - 71 S/6** | 13 | C68 |
| | 17 | 101 | 0,9 | 53,68 | 2,0 | 3,3 | 3,1 | 6,2 | | | |
| | 19 | 92 | 1,0 | 73,06 | 2,1 | 3,3 | 3,1 | 6,2 | **SK 02 - 63 L/4** | 12 | C68 |
| | 22 | 77 | 1,1 | 61,27 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 25 | 68 | 1,3 | 53,68 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 33 | 53 | 1,9 | 41,58 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 41 | 42 | 2,3 | 33,42 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 49 | 35 | 2,5 | 27,52 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 59 | 29 | 2,7 | 23,13 | 2,4 | 3,3 | 3,3 | 6,2 | | | |
| | 66 | 26 | 2,8 | 20,59 | 2,4 | 3,3 | 3,3 | 6,1 | | | |



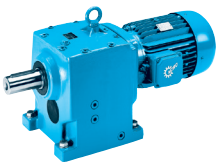
IE1 Standard

# 0,18 kW
# 0,25 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,18** | 85 | 20 | 3,6 | 15,95 | 2,4 | 3,3 | 3,3 | 5,6 | **SK 02 - 63 L/4** | 12 | C68 |
| | 106 | 16 | 4,3 | 12,82 | 2,4 | 3,3 | 3,3 | 5,3 | | | |
| | 121 | 14 | 4,7 | 11,27 | 2,4 | 3,3 | 3,3 | 5,1 | | | |
| | 137 | 13 | 5,1 | 9,95 | 2,4 | 3,3 | 3,3 | 4,9 | | | |
| | 147 | 12 | 5,5 | 9,28 | 2,3 | 3,3 | 3,3 | 4,8 | | | |
| | 166 | 10 | 6,1 | 8,19 | 2,3 | 3,3 | 3,2 | 4,6 | | | |
| | 174 | 10 | 6,4 | 7,80 | 2,2 | 3,3 | 3,2 | 4,5 | | | |
| | 197 | 9 | 7,0 | 6,89 | 2,1 | 3,3 | 3,0 | 4,3 | | | |
| | 223 | 8 | 7,4 | 6,10 | 2,1 | 3,3 | 2,9 | 4,2 | | | |
| | 244 | 7 | 8,1 | 5,57 | 2,0 | 3,3 | 2,8 | 4,1 | | | |
| | 282 | 6 | 9,4 | 4,82 | 1,9 | 3,3 | 2,7 | 3,9 | | | |
| | 322 | 5 | 9,7 | 4,22 | 1,8 | 3,3 | 2,6 | 3,7 | | | |
| | 350 | 5 | 10,8 | 3,89 | 1,8 | 3,2 | 2,5 | 3,6 | | | |
| | 402 | 4 | 11,9 | 3,38 | 1,7 | 3,0 | 2,4 | 3,5 | | | |
| | 461 | 4 | 12,3 | 2,95 | 1,6 | 2,9 | 2,3 | 3,3 | | | |
| | 481 | 4 | 15,1 | 2,83 | - | 3,4 | 2,0 | 5,1 | **SK 11E - 63 L/4** | 10 | C63 |
| | 586 | 3 | 19,1 | 2,32 | - | 3,1 | 2,0 | 4,7 | | | |
| | 667 | 3 | 22,5 | 2,04 | - | 2,9 | 2,0 | 4,4 | | | |
| | 751 | 2 | 24,0 | 1,81 | - | 2,8 | 2,0 | 4,2 | | | |
| **0,25** | 1,0 | 2047 | 1,6 | 1408,77 | 18,8 | 45,0 | 27,2 | 45,0 | **SK 63/23 - 71 S/4** | 161 | C81 |
| | 1,3 | 1546 | 2,1 | 1064,04 | 19,5 | 45,0 | 27,7 | 45,0 | | | C91 |
| | 1,0 | 2072 | 0,9 | 1425,44 | 11,1 | 23,8 | 17,7 | 40,0 | **SK 52/12 - 71 S/4** | 89 | C78 |
| | 1,2 | 1663 | 1,1 | 1144,36 | 12,3 | 23,8 | 18,5 | 40,0 | | | C90 |
| | 1,5 | 1335 | 1,4 | 918,83 | 13,0 | 23,8 | 19,0 | 40,0 | | | |
| | 2,0 | 1002 | 1,8 | 689,41 | 13,6 | 23,8 | 19,4 | 40,0 | | | |
| | 2,5 | 788 | 2,3 | 542,09 | 13,9 | 23,8 | 19,6 | 40,0 | | | |
| | 2,8 | 714 | 2,6 | 491,28 | 13,9 | 23,8 | 19,6 | 40,0 | | | |
| | 1,8 | 1090 | 1,1 | 750,33 | 6,4 | 12,0 | 10,2 | 25,3 | **SK 42/12 - 71 S/4** | 60 | C76 |
| | 2,1 | 975 | 1,2 | 670,81 | 6,9 | 12,0 | 10,5 | 24,8 | | | C90 |
| | 2,5 | 800 | 1,5 | 550,73 | 7,4 | 12,0 | 10,9 | 24,1 | | | |
| | 3,2 | 630 | 1,9 | 433,49 | 7,8 | 12,0 | 11,1 | 23,0 | | | |
| | 1,8 | 1322 | 0,8 | 764,03 | 5,3 | 12,0 | 9,5 | 24,6 | **SK 43 - 71 S/4** | 65 | C77 |
| | 2,2 | 1070 | 1,0 | 618,76 | 6,5 | 12,0 | 10,3 | 23,8 | | | |
| | 2,6 | 914 | 1,1 | 528,37 | 7,1 | 12,0 | 10,6 | 23,1 | | | |
| | 3,3 | 729 | 1,6 | 421,11 | 7,6 | 12,0 | 11,0 | 22,3 | | | |
| | 3,8 | 622 | 2,1 | 359,59 | 7,8 | 12,0 | 11,2 | 21,6 | | | |
| | 4,6 | 517 | 2,2 | 298,80 | 8,0 | 12,0 | 11,3 | 20,8 | | | |
| | 5,2 | 457 | 2,8 | 263,93 | 8,1 | 12,0 | 11,4 | 20,2 | | | |
| | 6,3 | 379 | 3,2 | 219,32 | 8,2 | 12,0 | 11,4 | 19,4 | | | |
| | 7,6 | 316 | 3,2 | 182,76 | 8,3 | 12,0 | 11,5 | 18,5 | | | |
| | 2,5 | 806 | 0,8 | 554,68 | 5,3 | 9,0 | 8,4 | 25,0 | **SK 32/12 - 71 S/4** | 49 | C74 |
| | 3,1 | 649 | 1,0 | 446,31 | 5,9 | 9,0 | 8,8 | 25,0 | | | C90 |
| | 3,3 | 729 | 0,9 | 421,32 | 5,6 | 9,0 | 8,6 | 24,4 | **SK 33N - 71 S/4** | 44 | C75 |
| | 4,1 | 587 | 1,1 | 339,15 | 6,1 | 9,0 | 8,9 | 23,3 | | | |
| | 5,6 | 429 | 1,6 | 248,17 | 6,5 | 9,0 | 9,2 | 22,0 | | | |
| | 6,7 | 358 | 1,9 | 207,10 | 6,6 | 9,0 | 9,3 | 21,1 | | | |
| | 8,3 | 288 | 2,3 | 166,49 | 6,7 | 9,0 | 9,4 | 20,0 | | | |
| | 10 | 232 | 2,8 | 134,02 | 6,8 | 9,0 | 9,4 | 19,0 | | | |
| | 11 | 211 | 2,4 | 81,27 | 6,8 | 9,0 | 9,4 | 18,6 | **SK 32 - 71 L/6** | 36 | C74 |
| | 13 | 189 | 3,0 | 72,76 | 6,8 | 9,0 | 9,4 | 18,1 | | | |
| | 4,9 | 413 | 0,8 | 284,11 | 4,0 | 5,6 | 6,5 | 16,4 | **SK 22/02 - 71 S/4** | 36 | C72 |
| | 5,8 | 347 | 1,0 | 239,01 | 4,5 | 5,6 | 6,8 | 15,9 | | | C90 |
| | 6,3 | 377 | 0,9 | 217,73 | 4,3 | 5,6 | 6,7 | 15,1 | **SK 23 - 71 S/4** | 32 | C73 |
| | 7,7 | 311 | 1,0 | 179,50 | 4,7 | 5,6 | 7,0 | 14,5 | | | |
| | 9,1 | 262 | 1,1 | 151,44 | 4,9 | 5,6 | 7,1 | 14,0 | | | |
| | 11 | 215 | 1,6 | 124,17 | 5,1 | 5,6 | 7,2 | 13,6 | | | |
| | 14 | 174 | 2,0 | 100,60 | 5,2 | 5,6 | 7,3 | 13,0 | | | |
| | 16 | 153 | 2,2 | 88,45 | 5,3 | 5,6 | 7,4 | 12,6 | | | |

# 0,25 kW
# 0,37 kW

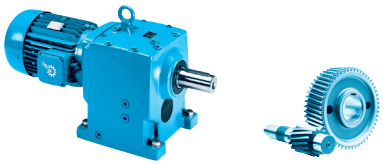
IE1 Standard



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,25** | 11 | 224 | 1,1 | 86,30 | 5,1 | 5,6 | 7,2 | 13,8 | **SK 22 - 71 L/6** | 25 | C72 |
| | 13 | 181 | 1,5 | 69,81 | 5,2 | 5,6 | 7,3 | 13,1 | | | |
| | 17 | 143 | 2,2 | 55,28 | 5,3 | 5,6 | 7,4 | 12,4 | | | |
| | 20 | 119 | 2,5 | 45,90 | 5,3 | 5,6 | 7,4 | 11,8 | | | |
| | 16 | 149 | 1,7 | 86,30 | 5,3 | 5,6 | 7,4 | 12,5 | **SK 22 - 71 S/4** | 24 | C72 |
| | 25 | 96 | 3,3 | 55,28 | 5,4 | 5,6 | 7,4 | 11,2 | | | |
| | 10 | 194 | 0,8 | 133,23 | 3,1 | 4,0 | 4,7 | 11,3 | **SK 12/02 - 71 S/4** | 23 | C70 |
| | 13 | 159 | 1,0 | 109,66 | 3,3 | 4,0 | 4,8 | 10,9 | | | C90 |
| | 13 | 188 | 0,9 | 108,72 | 3,1 | 4,0 | 4,7 | 10,7 | **SK 13 - 71 S/4** | 20 | C71 |
| | 16 | 148 | 1,2 | 85,47 | 3,3 | 4,0 | 4,9 | 10,2 | | | |
| | 15 | 159 | 1,0 | 61,35 | 3,3 | 4,0 | 4,8 | 10,3 | **SK 12 - 71 L/6** | 16 | C70 |
| | 19 | 126 | 1,1 | 72,63 | 3,5 | 4,0 | 4,9 | 9,8 | **SK 12 - 71 S/4** | 15 | C70 |
| | 22 | 106 | 1,5 | 61,35 | 3,5 | 4,0 | 5,0 | 9,5 | | | |
| | 26 | 93 | 1,9 | 53,84 | 3,6 | 4,0 | 5,0 | 9,2 | | | |
| | 29 | 83 | 2,1 | 47,87 | 3,6 | 4,0 | 5,0 | 8,9 | | | |
| | 32 | 75 | 2,2 | 43,09 | 3,6 | 4,0 | 5,0 | 8,7 | | | |
| | 36 | 66 | 2,8 | 38,31 | 3,6 | 4,0 | 5,1 | 8,5 | | | |
| | 39 | 61 | 2,5 | 35,07 | 3,6 | 4,0 | 5,1 | 8,2 | | | |
| | 44 | 54 | 3,1 | 31,19 | 3,7 | 4,0 | 5,1 | 8,0 | | | |
| | 47 | 50 | 2,5 | 29,15 | 3,6 | 4,0 | 5,1 | 7,9 | | | |
| | 53 | 45 | 3,1 | 25,92 | 3,5 | 4,0 | 5,1 | 7,6 | | | |
| | 65 | 37 | 4,5 | 21,28 | 3,3 | 4,0 | 5,1 | 7,3 | | | |
| | 73 | 33 | 5,0 | 18,79 | 3,2 | 4,0 | 5,1 | 7,1 | | | |
| | 82 | 29 | 5,3 | 16,73 | 3,1 | 4,0 | 5,1 | 6,8 | | | |
| | 103 | 23 | 6,4 | 13,39 | 2,9 | 4,0 | 5,1 | 6,4 | | | |
| | 17 | 141 | 0,8 | 81,50 | 1,6 | 3,3 | 2,8 | 6,2 | **SK 03 - 71 S/4** | 17 | C69 |
| | 21 | 113 | 1,0 | 65,50 | 1,9 | 3,3 | 3,0 | 6,2 | | | |
| | 23 | 106 | 0,8 | 61,27 | 2,0 | 3,3 | 3,1 | 6,2 | **SK 02 - 71 S/4** | 13 | C68 |
| | 26 | 93 | 1,0 | 53,68 | 2,1 | 3,3 | 3,1 | 6,2 | | | |
| | 33 | 72 | 1,4 | 41,58 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 41 | 58 | 1,7 | 33,42 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 47 | 51 | 1,8 | 29,61 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 50 | 48 | 1,8 | 27,52 | 2,3 | 3,3 | 3,3 | 6,2 | | | |
| | 57 | 42 | 2,1 | 24,39 | 2,3 | 3,3 | 3,3 | 6,1 | | | |
| | 60 | 40 | 1,9 | 23,13 | 2,4 | 3,3 | 3,3 | 6,0 | | | |
| | 67 | 36 | 2,1 | 20,59 | 2,4 | 3,3 | 3,3 | 5,9 | | | |
| | 87 | 28 | 2,6 | 15,95 | 2,4 | 3,3 | 3,3 | 5,5 | | | |
| | 108 | 22 | 3,2 | 12,82 | 2,4 | 3,3 | 3,3 | 5,2 | | | |
| | 122 | 19 | 3,4 | 11,27 | 2,4 | 3,3 | 3,3 | 4,9 | | | |
| | 139 | 17 | 3,7 | 9,95 | 2,4 | 3,3 | 3,3 | 4,8 | | | |
| | 149 | 16 | 4,0 | 9,28 | 2,3 | 3,3 | 3,3 | 4,7 | | | |
| | 168 | 14 | 4,4 | 8,19 | 2,2 | 3,3 | 3,2 | 4,5 | | | |
| | 177 | 13 | 4,7 | 7,80 | 2,2 | 3,3 | 3,1 | 4,4 | | | |
| | 200 | 12 | 5,1 | 6,89 | 2,1 | 3,3 | 3,0 | 4,3 | | | |
| | 226 | 11 | 5,4 | 6,10 | 2,0 | 3,3 | 2,9 | 4,1 | | | |
| | 248 | 10 | 5,9 | 5,57 | 2,0 | 3,3 | 2,8 | 4,0 | | | |
| | 286 | 8 | 6,8 | 4,82 | 1,9 | 3,3 | 2,7 | 3,8 | | | |
| | 327 | 7 | 7,1 | 4,22 | 1,8 | 3,3 | 2,6 | 3,7 | | | |
| | 355 | 7 | 7,9 | 3,89 | 1,8 | 3,2 | 2,5 | 3,6 | | | |
| | 408 | 6 | 8,7 | 3,38 | 1,7 | 3,0 | 2,4 | 3,4 | | | |
| | 468 | 5 | 9,0 | 2,95 | 1,6 | 2,8 | 2,3 | 3,3 | | | |
| | 488 | 5 | 11,0 | 2,83 | - | 3,4 | 2,0 | 5,1 | **SK 11E - 71 S/4** | 11 | C63 |
| | 595 | 4 | 14,0 | 2,32 | - | 3,1 | 2,0 | 4,6 | | | |
| | 676 | 4 | 16,4 | 2,04 | - | 2,9 | 2,0 | 4,4 | | | |
| | 762 | 3 | 17,6 | 1,81 | - | 2,7 | 2,0 | 4,2 | | | |
| **0,37** | 1,2 | 2639 | 3,0 | 1155,49 | 44,6 | 65,0 | 62,6 | 65,0 | **SK 83/32 - 71 L/4** | 353 | C85 |
| | | | | | | | | | | | C90 |
| | 1,1 | 2864 | 1,7 | 1254,07 | 26,5 | 45,9 | 38,8 | 50,0 | **SK 73/22 - 71 L/4** | 235 | C83 |
| | 1,3 | 2512 | 2,0 | 1099,84 | 26,9 | 44,7 | 39,2 | 50,0 | | | C90 |
| | 1,6 | 2028 | 2,5 | 888,16 | 27,4 | 42,6 | 39,5 | 50,0 | | | |
| | 1,9 | 1684 | 3,0 | 737,61 | 27,7 | 40,8 | 39,7 | 50,0 | | | |
| | 2,4 | 1294 | 3,9 | 566,77 | 28,0 | 38,3 | 39,9 | 50,0 | | | |



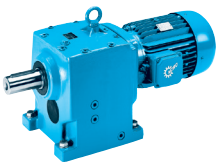
IE1 Standard

# 0,37 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 1,0 | 3217 | 1,0 | 1408,77 | 16,1 | 45,0 | 25,5 | 45,0 | **SK 63/23 - 71 L/4** | 162 | C81 |
| | 1,3 | 2430 | 1,3 | 1064,04 | 18,1 | 45,0 | 26,8 | 45,0 | | | C91 |
| | 1,6 | 1941 | 1,6 | 849,73 | 19,0 | 44,8 | 27,4 | 45,0 | **SK 63/22 - 71 L/4** | 154 | C81 |
| | 1,9 | 1661 | 1,9 | 727,45 | 19,4 | 43,3 | 27,6 | 45,0 | | | C90 |
| | 2,5 | 1262 | 2,5 | 552,45 | 19,9 | 40,6 | 28,0 | 45,0 | | | |
| | 1,5 | 2098 | 0,9 | 918,83 | 11,0 | 23,8 | 17,7 | 40,0 | **SK 52/12 - 71 L/4** | 90 | C78 |
| | 2,0 | 1574 | 1,2 | 689,41 | 12,5 | 23,8 | 18,7 | 40,0 | | | C90 |
| | 2,5 | 1238 | 1,5 | 542,09 | 13,2 | 23,8 | 19,1 | 40,0 | | | |
| | 2,8 | 1122 | 1,6 | 491,28 | 13,4 | 23,8 | 19,3 | 40,0 | | | |
| | 1,5 | 2307 | 0,8 | 607,30 | 10,2 | 23,8 | 17,2 | 40,0 | **SK 53 - 80 S/6** | 101 | C79 |
| | 1,7 | 2085 | 0,9 | 548,89 | 11,0 | 23,8 | 17,7 | 40,0 | | | |
| | 1,9 | 1895 | 1,0 | 498,82 | 11,7 | 23,8 | 18,1 | 40,0 | | | |
| | 2,4 | 1490 | 1,2 | 392,20 | 12,7 | 23,8 | 18,8 | 40,0 | | | |
| | 2,5 | 1422 | 1,4 | 374,25 | 12,9 | 23,8 | 18,9 | 40,0 | | | |
| | 3,2 | 1118 | 2,0 | 294,26 | 13,4 | 23,8 | 19,3 | 40,0 | | | |
| | 8,8 | 402 | 5,5 | 105,87 | 14,2 | 23,8 | 19,8 | 40,0 | | | |
| | 9,7 | 363 | 6,1 | 95,49 | 14,2 | 23,8 | 19,8 | 40,0 | | | |
| | 5,8 | 605 | 3,2 | 236,21 | 14,0 | 23,8 | 19,7 | 40,0 | **SK 53 - 71 L/4** | 99 | C79 |
| | 7,4 | 476 | 3,8 | 185,72 | 14,1 | 23,8 | 19,8 | 40,0 | | | |
| | 7,8 | 454 | 4,2 | 177,22 | 14,1 | 23,8 | 19,8 | 40,0 | | | |
| | 9,9 | 357 | 6,3 | 139,34 | 14,2 | 23,8 | 19,8 | 40,0 | | | |
| | 2,1 | 1532 | 0,8 | 670,81 | 3,6 | 12,0 | 8,7 | 22,0 | **SK 42/12 - 71 L/4** | 61 | C76 |
| | 2,5 | 1258 | 1,0 | 550,73 | 5,6 | 12,0 | 9,8 | 21,7 | | | C90 |
| | 3,2 | 990 | 1,2 | 433,49 | 6,8 | 12,0 | 10,5 | 21,1 | | | |
| | 3,3 | 1078 | 1,1 | 421,11 | 6,5 | 12,0 | 10,3 | 20,5 | **SK 43 - 71 L/4** | 66 | C77 |
| | 3,8 | 921 | 1,4 | 359,59 | 7,1 | 12,0 | 10,6 | 20,0 | | | |
| | 4,6 | 765 | 1,5 | 298,80 | 7,5 | 12,0 | 10,9 | 19,4 | | | |
| | 5,2 | 676 | 1,9 | 263,93 | 7,7 | 12,0 | 11,1 | 19,1 | | | |
| | 6,3 | 562 | 2,1 | 219,32 | 7,9 | 12,0 | 11,2 | 18,5 | | | |
| | 7,6 | 468 | 2,2 | 182,76 | 8,1 | 12,0 | 11,3 | 17,7 | | | |
| | 11 | 331 | 3,7 | 129,38 | 8,2 | 12,0 | 11,5 | 16,5 | | | |
| | 5,2 | 612 | 1,0 | 267,79 | 6,0 | 9,0 | 8,9 | 21,4 | **SK 32/12 - 71 L/4** | 50 | C74 |
| | | | | | | | | | | | C90 |
| | 5,6 | 635 | 1,1 | 248,17 | 5,9 | 9,0 | 8,8 | 20,7 | **SK 33N - 71 L/4** | 45 | C75 |
| | 6,7 | 530 | 1,3 | 207,10 | 6,2 | 9,0 | 9,0 | 20,0 | | | |
| | 8,3 | 426 | 1,6 | 166,49 | 6,5 | 9,0 | 9,2 | 19,3 | | | |
| | 10 | 343 | 1,9 | 134,02 | 6,6 | 9,0 | 9,3 | 18,3 | | | |
| | 12 | 287 | 1,9 | 112,18 | 6,7 | 9,0 | 9,4 | 17,5 | | | |
| | 11 | 309 | 1,7 | 81,27 | 6,7 | 9,0 | 9,3 | 18,0 | **SK 32 - 80 S/6** | 38 | C74 |
| | 13 | 276 | 2,0 | 72,76 | 6,7 | 9,0 | 9,4 | 17,5 | | | |
| | 14 | 244 | 2,6 | 64,26 | 6,8 | 9,0 | 9,4 | 17,0 | | | |
| | 17 | 208 | 2,5 | 81,27 | 6,8 | 9,0 | 9,4 | 16,4 | **SK 32 - 71 L/4** | 36 | C74 |
| | 19 | 186 | 3,0 | 72,76 | 6,8 | 9,0 | 9,4 | 15,9 | | | |
| | 8,3 | 382 | 0,9 | 167,21 | 4,2 | 5,6 | 6,7 | 13,7 | **SK 22/02 - 71 L/4** | 37 | C72 |
| | | | | | | | | | | | C90 |
| | 9,1 | 388 | 0,8 | 151,44 | 4,2 | 5,6 | 6,6 | 12,9 | **SK 23 - 71 L/4** | 33 | C73 |
| | 11 | 318 | 1,1 | 124,17 | 4,6 | 5,6 | 6,9 | 12,8 | | | |
| | 14 | 258 | 1,3 | 100,60 | 4,9 | 5,6 | 7,1 | 12,4 | | | |
| | 16 | 226 | 1,5 | 88,45 | 5,1 | 5,6 | 7,2 | 12,0 | | | |
| | 18 | 200 | 1,7 | 78,05 | 5,2 | 5,6 | 7,3 | 11,8 | | | |
| | 21 | 166 | 2,0 | 64,80 | 5,2 | 5,6 | 7,3 | 11,2 | | | |
| | 11 | 328 | 0,8 | 86,30 | 4,6 | 5,6 | 6,9 | 12,9 | **SK 22 - 80 S/6** | 27 | C72 |
| | 13 | 265 | 1,0 | 69,81 | 4,9 | 5,6 | 7,1 | 12,4 | | | |
| | 17 | 210 | 1,5 | 55,28 | 5,1 | 5,6 | 7,3 | 11,9 | | | |
| | 20 | 174 | 1,7 | 45,90 | 5,2 | 5,6 | 7,3 | 11,4 | | | |

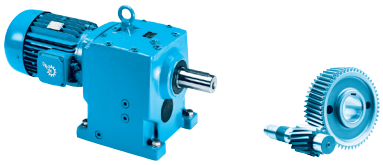
# 0,37 kW

IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 16 | 221 | 1,1 | 86,30 | 5,1 | 5,6 | 7,2 | 12,0 | **SK 22 - 71 L/4** | 25 | C72 |
| | 25 | 142 | 2,3 | 55,28 | 5,3 | 5,6 | 7,4 | 10,9 | | | |
| | 30 | 118 | 2,5 | 45,90 | 5,3 | 5,6 | 7,4 | 10,4 | | | |
| | 15 | 212 | 0,8 | 92,89 | 3,0 | 4,0 | 4,6 | 9,8 | **SK 12/02 - 71 L/4** | 24 | C70<br>C90 |
| | 16 | 219 | 0,8 | 85,47 | 2,9 | 4,0 | 4,6 | 9,5 | **SK 13 - 71 L/4** | 21 | C71 |
| | 20 | 175 | 1,1 | 68,40 | 3,2 | 4,0 | 4,8 | 9,1 | | | |
| | 22 | 157 | 1,0 | 61,35 | 3,3 | 4,0 | 4,8 | 9,0 | **SK 12 - 71 L/4** | 16 | C70 |
| | 26 | 138 | 1,3 | 53,84 | 3,4 | 4,0 | 4,9 | 8,8 | | | |
| | 29 | 123 | 1,4 | 47,87 | 3,5 | 4,0 | 4,9 | 8,6 | | | |
| | 32 | 110 | 1,5 | 43,09 | 3,5 | 4,0 | 5,0 | 8,3 | | | |
| | 36 | 98 | 1,9 | 38,31 | 3,5 | 4,0 | 5,0 | 8,1 | | | |
| | 39 | 90 | 1,7 | 35,07 | 3,6 | 4,0 | 5,0 | 7,9 | | | |
| | 44 | 80 | 2,1 | 31,19 | 3,6 | 4,0 | 5,0 | 7,8 | | | |
| | 47 | 75 | 1,7 | 29,15 | 3,5 | 4,0 | 5,0 | 7,6 | | | |
| | 53 | 66 | 2,1 | 25,92 | 3,4 | 4,0 | 5,1 | 7,4 | | | |
| | 65 | 54 | 3,1 | 21,28 | 3,3 | 4,0 | 5,1 | 7,1 | | | |
| | 73 | 48 | 3,3 | 18,79 | 3,2 | 4,0 | 5,1 | 6,9 | | | |
| | 82 | 43 | 3,6 | 16,73 | 3,0 | 4,0 | 5,1 | 6,7 | | | |
| | 103 | 34 | 4,3 | 13,39 | 2,8 | 4,0 | 5,1 | 6,3 | | | |
| | 33 | 106 | 0,9 | 41,58 | 2,0 | 3,3 | 3,1 | 6,2 | **SK 02 - 71 L/4** | 14 | C68 |
| | 41 | 86 | 1,1 | 33,42 | 2,2 | 3,3 | 3,2 | 6,2 | | | |
| | 47 | 76 | 1,2 | 29,61 | 2,2 | 3,3 | 3,2 | 6,1 | | | |
| | 50 | 70 | 1,2 | 27,52 | 2,2 | 3,3 | 3,2 | 5,9 | | | |
| | 57 | 62 | 1,4 | 24,39 | 2,3 | 3,3 | 3,3 | 5,8 | | | |
| | 60 | 59 | 1,3 | 23,13 | 2,3 | 3,3 | 3,3 | 5,7 | | | |
| | 67 | 53 | 1,4 | 20,59 | 2,3 | 3,3 | 3,3 | 5,7 | | | |
| | 87 | 41 | 1,8 | 15,95 | 2,4 | 3,3 | 3,3 | 5,3 | | | |
| | 108 | 33 | 2,1 | 12,82 | 2,4 | 3,3 | 3,3 | 5,0 | | | |
| | 122 | 29 | 2,3 | 11,27 | 2,4 | 3,3 | 3,3 | 4,8 | | | |
| | 139 | 25 | 2,5 | 9,95 | 2,3 | 3,3 | 3,3 | 4,6 | | | |
| | 149 | 24 | 2,7 | 9,28 | 2,3 | 3,3 | 3,2 | 4,5 | | | |
| | 168 | 21 | 3,0 | 8,19 | 2,2 | 3,3 | 3,1 | 4,4 | | | |
| | 177 | 20 | 3,2 | 7,80 | 2,2 | 3,3 | 3,0 | 4,3 | | | |
| | 200 | 18 | 3,5 | 6,89 | 2,1 | 3,3 | 2,9 | 4,2 | | | |
| | 226 | 16 | 3,6 | 6,10 | 2,0 | 3,3 | 2,8 | 4,0 | | | |
| | 248 | 14 | 4,0 | 5,57 | 2,0 | 3,3 | 2,8 | 3,9 | | | |
| | 286 | 12 | 4,6 | 4,82 | 1,9 | 3,3 | 2,6 | 3,7 | | | |
| | 327 | 11 | 4,8 | 4,22 | 1,8 | 3,2 | 2,5 | 3,6 | | | |
| | 355 | 10 | 5,3 | 3,89 | 1,7 | 3,1 | 2,5 | 3,5 | | | |
| | 408 | 9 | 5,9 | 3,38 | 1,7 | 2,9 | 2,4 | 3,4 | | | |
| | 468 | 8 | 6,1 | 2,95 | 1,6 | 2,8 | 2,3 | 3,2 | | | |
| | 488 | 7 | 7,5 | 2,83 | - | 3,3 | 1,9 | 5,0 | **SK 11E - 71 L/4** | 12 | C63 |
| | 595 | 6 | 9,4 | 2,32 | - | 3,0 | 2,0 | 4,6 | | | |
| | 676 | 5 | 11,1 | 2,04 | - | 2,9 | 2,0 | 4,3 | | | |
| | 762 | 5 | 11,9 | 1,81 | - | 2,7 | 2,0 | 4,1 | | | |



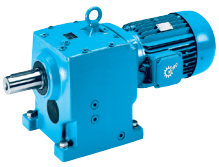
IE2

# 0,55 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,55 | 1,2 | 3963 | 2,0 | 1155,49 | 43,6 | 65,0 | 61,9 | 65,0 | **SK 83/32 - 80 SH/4** | 356 | C85 |
| | 1,6 | 3089 | 2,6 | 900,50 | 44,3 | 65,0 | 62,4 | 65,0 | | | C90 |
| | 1,1 | 4301 | 1,2 | 1254,07 | 23,9 | 42,2 | 37,1 | 50,0 | **SK 73/22 - 80 SH/4** | 238 | C83 |
| | 1,3 | 3772 | 1,3 | 1099,84 | 25,0 | 41,3 | 37,9 | 50,0 | | | C90 |
| | 1,6 | 3046 | 1,6 | 888,16 | 26,2 | 39,9 | 38,7 | 50,0 | | | |
| | 1,9 | 2530 | 2,0 | 737,61 | 26,9 | 38,5 | 39,1 | 50,0 | | | |
| | 2,5 | 1944 | 2,6 | 566,77 | 27,5 | 36,5 | 39,6 | 50,0 | | | |
| | 3,1 | 1570 | 3,2 | 457,68 | 27,8 | 34,9 | 39,8 | 50,0 | | | |
| | 1,3 | 3650 | 0,9 | 1064,04 | 14,7 | 43,0 | 24,6 | 45,0 | **SK 63/23 - 80 SH/4** | 165 | C81 |
| | | | | | | | | | | | C91 |
| | 1,7 | 2915 | 1,1 | 849,73 | 17,0 | 41,6 | 26,0 | 45,0 | **SK 63/22 - 80 SH/4** | 157 | C81 |
| | 2,0 | 2495 | 1,3 | 727,45 | 18,0 | 40,5 | 26,7 | 45,0 | | | C90 |
| | 2,6 | 1895 | 1,7 | 552,45 | 19,1 | 38,5 | 27,4 | 45,0 | | | |
| | 3,3 | 1476 | 2,2 | 430,19 | 19,6 | 36,4 | 27,8 | 45,0 | | | |
| | 3,9 | 1263 | 2,5 | 368,29 | 19,9 | 35,2 | 28,0 | 45,0 | | | |
| | 2,1 | 2365 | 0,8 | 689,41 | 9,9 | 23,8 | 17,0 | 40,0 | **SK 52/12 - 80 SH/4** | 93 | C78 |
| | 2,6 | 1859 | 1,0 | 542,09 | 11,8 | 23,8 | 18,2 | 40,0 | | | C90 |
| | 2,9 | 1685 | 1,1 | 491,28 | 12,3 | 23,8 | 18,5 | 40,0 | | | |
| | 4,0 | 1214 | 1,5 | 354,06 | 13,3 | 23,8 | 19,2 | 40,0 | | | |
| | 2,3 | 2246 | 0,8 | 607,30 | 10,4 | 23,8 | 17,3 | 40,0 | **SK 53 - 80 SH/4** | 102 | C79 |
| | 2,6 | 2030 | 0,9 | 548,89 | 11,2 | 23,8 | 17,8 | 40,0 | | | |
| | 2,8 | 1845 | 1,0 | 498,82 | 11,8 | 23,8 | 18,2 | 40,0 | | | |
| | 3,6 | 1451 | 1,3 | 392,20 | 12,8 | 23,8 | 18,9 | 40,0 | | | |
| | 3,8 | 1384 | 1,4 | 374,25 | 12,9 | 23,8 | 19,0 | 40,0 | | | |
| | 4,8 | 1088 | 2,0 | 294,26 | 13,5 | 23,8 | 19,3 | 40,0 | | | |
| | 5,8 | 908 | 2,0 | 245,56 | 13,7 | 23,8 | 19,5 | 40,0 | | | |
| | 6,0 | 874 | 2,2 | 236,21 | 13,8 | 23,8 | 19,5 | 40,0 | | | |
| | 7,6 | 687 | 2,6 | 185,72 | 13,9 | 23,8 | 19,6 | 40,0 | | | |
| | 8,0 | 656 | 2,9 | 177,22 | 14,0 | 23,8 | 19,7 | 40,0 | | | |
| | 3,3 | 1487 | 0,8 | 433,49 | 4,0 | 12,0 | 8,9 | 18,3 | **SK 42/12 - 80 SH/4** | 64 | C76 |
| | | | | | | | | | | | C90 |
| | 3,4 | 1558 | 0,8 | 421,11 | 3,3 | 12,0 | 8,6 | 17,9 | **SK 43 - 80 SH/4** | 69 | C77 |
| | 3,9 | 1330 | 1,0 | 359,59 | 5,2 | 12,0 | 9,5 | 17,7 | | | |
| | 4,8 | 1105 | 1,0 | 298,80 | 6,4 | 12,0 | 10,2 | 17,4 | | | |
| | 5,1 | 1030 | 1,2 | 278,51 | 6,7 | 12,0 | 10,4 | 17,4 | | | |
| | 5,4 | 976 | 1,3 | 263,93 | 6,9 | 12,0 | 10,5 | 17,4 | | | |
| | 6,1 | 856 | 1,3 | 231,43 | 7,3 | 12,0 | 10,8 | 17,0 | | | |
| | 6,5 | 811 | 1,5 | 219,32 | 7,4 | 12,0 | 10,9 | 16,9 | | | |
| | 6,9 | 756 | 1,7 | 204,42 | 7,5 | 12,0 | 10,9 | 16,9 | | | |
| | 7,8 | 676 | 1,5 | 182,76 | 7,7 | 12,0 | 11,1 | 16,4 | | | |
| | 8,4 | 628 | 1,9 | 169,86 | 7,8 | 12,0 | 11,1 | 16,3 | | | |
| | 10 | 524 | 2,0 | 141,55 | 8,0 | 12,0 | 11,3 | 15,7 | | | |
| | 11 | 479 | 2,6 | 129,38 | 8,1 | 12,0 | 11,3 | 15,6 | | | |
| | 13 | 398 | 2,8 | 107,51 | 8,2 | 12,0 | 11,4 | 15,0 | | | |
| | 15 | 351 | 3,5 | 94,96 | 8,2 | 12,0 | 11,4 | 14,7 | | | |
| | 18 | 296 | 4,2 | 79,96 | 8,3 | 12,0 | 11,5 | 14,1 | | | |
| | 6,6 | 739 | 0,8 | 215,56 | 5,6 | 9,0 | 8,6 | 18,7 | **SK 32/12 - 80 SH/4** | 53 | C74 |
| | | | | | | | | | | | C90 |
| | 6,9 | 766 | 0,9 | 207,10 | 5,5 | 9,0 | 8,5 | 18,4 | **SK 33N - 80 SH/4** | 48 | C75 |
| | 8,5 | 616 | 1,1 | 166,49 | 6,0 | 9,0 | 8,9 | 17,9 | | | |
| | 11 | 496 | 1,3 | 134,02 | 6,3 | 9,0 | 9,1 | 17,1 | | | |
| | 13 | 415 | 1,3 | 112,18 | 6,5 | 9,0 | 9,2 | 16,5 | | | |
| | 16 | 326 | 1,6 | 88,18 | 6,7 | 9,0 | 9,3 | 15,7 | | | |
| | 17 | 301 | 1,7 | 81,27 | 6,7 | 9,0 | 9,3 | 15,6 | **SK 32 - 80 SH/4** | 39 | C74 |
| | 20 | 269 | 2,1 | 72,76 | 6,7 | 9,0 | 9,4 | 15,2 | | | |
| | 22 | 238 | 2,7 | 64,26 | 6,8 | 9,0 | 9,4 | 14,8 | | | |
| | 25 | 213 | 2,9 | 57,53 | 6,8 | 9,0 | 9,4 | 14,4 | | | |
| | 31 | 171 | 3,1 | 46,31 | 6,8 | 9,0 | 9,4 | 13,6 | | | |

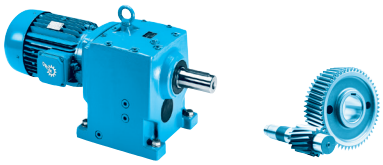
# 0,55 kW

IE2



DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,55** | 12 | 402 | 0,8 | 117,25 | 4,1 | 5,6 | 6,6 | 11,8 | **SK 22/02 - 80 SH/4** | 40 | C72<br>C90 |
| | 14 | 372 | 0,9 | 100,60 | 4,3 | 5,6 | 6,7 | 11,3 | **SK 23 - 80 SH/4** | 36 | C73 |
| | 16 | 327 | 1,0 | 88,45 | 4,6 | 5,6 | 6,9 | 11,2 | | | |
| | 18 | 289 | 1,2 | 78,05 | 4,8 | 5,6 | 7,0 | 10,9 | | | |
| | 16 | 319 | 0,8 | 86,30 | 4,6 | 5,6 | 6,9 | 11,2 | **SK 22 - 80 SH/4** | 28 | C72 |
| | 20 | 258 | 1,0 | 69,81 | 4,9 | 5,6 | 7,1 | 10,7 | | | |
| | 26 | 204 | 1,6 | 55,28 | 5,1 | 5,6 | 7,3 | 10,3 | | | |
| | 31 | 170 | 1,7 | 45,90 | 5,2 | 5,6 | 7,3 | 9,9 | | | |
| | 33 | 158 | 2,1 | 42,82 | 5,3 | 5,6 | 7,4 | 9,8 | | | |
| | 40 | 131 | 2,5 | 35,55 | 5,3 | 5,6 | 7,4 | 9,3 | | | |
| | 48 | 108 | 2,7 | 29,31 | 5,0 | 5,6 | 7,4 | 8,9 | | | |
| | 57 | 91 | 2,7 | 24,73 | 4,8 | 5,6 | 7,5 | 8,5 | | | |
| | 26 | 199 | 0,9 | 53,84 | 2,0 | 4,0 | 4,7 | 8,1 | **SK 12 - 80 SH/4** | 19 | C70 |
| | 30 | 177 | 1,0 | 47,87 | 2,6 | 4,0 | 4,8 | 8,0 | | | |
| | 33 | 159 | 1,0 | 43,09 | 2,7 | 4,0 | 4,8 | 7,8 | | | |
| | 37 | 142 | 1,3 | 38,31 | 3,2 | 4,0 | 4,9 | 7,6 | | | |
| | 40 | 130 | 1,1 | 35,07 | 3,2 | 4,0 | 4,9 | 7,5 | | | |
| | 46 | 115 | 1,4 | 31,19 | 3,3 | 4,0 | 4,9 | 7,3 | | | |
| | 49 | 108 | 1,2 | 29,15 | 3,3 | 4,0 | 5,0 | 7,2 | | | |
| | 55 | 96 | 1,4 | 25,92 | 3,2 | 4,0 | 5,0 | 7,0 | | | |
| | 67 | 79 | 2,1 | 21,28 | 3,1 | 4,0 | 5,0 | 6,8 | | | |
| | 76 | 70 | 2,3 | 18,79 | 3,0 | 4,0 | 5,1 | 6,6 | | | |
| | 85 | 62 | 2,5 | 16,73 | 2,9 | 4,0 | 5,1 | 6,5 | | | |
| | 106 | 50 | 3,0 | 13,39 | 2,7 | 4,0 | 5,1 | 6,1 | | | |
| | 133 | 40 | 3,4 | 10,70 | 2,6 | 4,0 | 5,1 | 5,8 | | | |
| | 147 | 36 | 3,8 | 9,65 | 2,5 | 4,0 | 5,1 | 5,6 | | | |
| | 166 | 32 | 4,1 | 8,56 | 2,4 | 4,0 | 5,1 | 5,4 | | | |
| | 42 | 124 | 0,8 | 33,42 | 1,6 | 3,3 | 3,0 | 5,6 | **SK 02 - 80 SH/4** | 17 | C68 |
| | 48 | 110 | 0,8 | 29,61 | 2,0 | 3,3 | 3,0 | 5,5 | | | |
| | 52 | 102 | 0,9 | 27,52 | 2,0 | 3,3 | 3,1 | 5,4 | | | |
| | 58 | 90 | 1,0 | 24,39 | 2,1 | 3,3 | 3,2 | 5,3 | | | |
| | 61 | 86 | 0,9 | 23,13 | 2,2 | 3,3 | 3,2 | 5,2 | | | |
| | 69 | 76 | 1,0 | 20,59 | 2,2 | 3,3 | 3,2 | 5,3 | | | |
| | 89 | 59 | 1,2 | 15,95 | 2,3 | 3,3 | 3,3 | 5,0 | | | |
| | 111 | 47 | 1,5 | 12,82 | 2,3 | 3,3 | 3,3 | 4,7 | | | |
| | 126 | 42 | 1,6 | 11,27 | 2,3 | 3,3 | 3,2 | 4,6 | | | |
| | 143 | 37 | 1,7 | 9,95 | 2,2 | 3,3 | 3,1 | 4,4 | | | |
| | 153 | 34 | 1,9 | 9,28 | 2,2 | 3,3 | 3,1 | 4,3 | | | |
| | 173 | 30 | 2,1 | 8,19 | 2,1 | 3,3 | 3,0 | 4,2 | | | |
| | 182 | 29 | 2,2 | 7,80 | 2,1 | 3,3 | 2,9 | 4,1 | | | |
| | 206 | 25 | 2,4 | 6,89 | 2,0 | 3,3 | 2,8 | 4,0 | | | |
| | 233 | 23 | 2,5 | 6,10 | 1,9 | 3,3 | 2,8 | 3,9 | | | |
| | 255 | 21 | 2,8 | 5,57 | 1,9 | 3,3 | 2,7 | 3,8 | | | |
| | 295 | 18 | 3,2 | 4,82 | 1,8 | 3,2 | 2,5 | 3,6 | | | |
| | 336 | 16 | 3,3 | 4,22 | 1,7 | 3,1 | 2,5 | 3,5 | | | |
| | 365 | 14 | 3,7 | 3,89 | 1,7 | 3,0 | 2,4 | 3,4 | | | |
| | 420 | 13 | 4,1 | 3,38 | 1,6 | 2,8 | 2,3 | 3,3 | | | |
| | 481 | 11 | 4,2 | 2,95 | 1,5 | 2,7 | 2,2 | 3,1 | | | |
| | 502 | 10 | 5,2 | 2,83 | - | 3,2 | 1,9 | 4,9 | **SK 11E - 80 SH/4** | 15 | C63 |
| | 612 | 9 | 6,5 | 2,32 | - | 2,9 | 1,9 | 4,5 | | | |
| | 696 | 8 | 7,7 | 2,04 | - | 2,8 | 1,9 | 4,2 | | | |
| | 785 | 7 | 8,2 | 1,81 | - | 2,6 | 2,0 | 4,0 | | | |



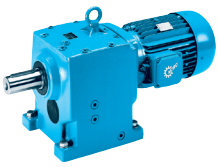
IE3

# 0,75 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 1,2 | 5520 | 1,4 | 1155,49 | 41,7 | 65 | 60,6 | 65 | **SK 83/32 - 80 LP/4** | 357 | C85 |
| | 1,6 | 4300 | 1,9 | 900,50 | 43,2 | 65 | 61,7 | 65 | | | C90 |
| | 2,0 | 3463 | 2,3 | 724,73 | 44 | 65 | 62,2 | 65 | | | |
| | 1,1 | 6001 | 0,8 | 1254,07 | 18,6 | 38,3 | 34 | 50 | **SK 73/22 - 80 LP/4** | 239 | C83 |
| | 1,3 | 5258 | 1,0 | 1099,84 | 21,3 | 38 | 35,5 | 50 | | | C90 |
| | 1,6 | 4247 | 1,2 | 888,16 | 24 | 37,2 | 37,2 | 50 | | | |
| | 1,9 | 3528 | 1,4 | 737,61 | 25,4 | 36,4 | 38,2 | 50 | | | |
| | 2,5 | 2714 | 1,8 | 566,77 | 26,7 | 34,8 | 39 | 50 | | | |
| | 3,1 | 2192 | 2,3 | 457,68 | 27,3 | 33,4 | 39,4 | 50 | | | |
| | 4,1 | 1661 | 3,0 | 345,90 | 27,7 | 31,5 | 39,7 | 50 | | | |
| | 1,7 | 4078 | 0,8 | 849,73 | 12,9 | 38,5 | 23,5 | 45 | **SK 63/22 - 80 LP/4** | 158 | C81 |
| | 1,9 | 3487 | 0,9 | 727,45 | 15,3 | 37,8 | 24,9 | 45 | | | C90 |
| | 2,6 | 2656 | 1,2 | 552,45 | 17,7 | 36,4 | 26,5 | 45 | | | |
| | 3,3 | 2061 | 1,6 | 430,19 | 18,8 | 34,8 | 27,2 | 45 | | | |
| | 3,8 | 1763 | 1,8 | 368,29 | 19,3 | 33,8 | 27,5 | 45 | | | |
| | 5,0 | 1356 | 2,4 | 282,73 | 19,8 | 32 | 27,9 | 45 | | | |
| | 6,3 | 1079 | 3,0 | 224,97 | 20 | 30,4 | 28,1 | 45 | | | |
| | 2,9 | 2356 | 0,8 | 491,28 | 10 | 23,8 | 17,1 | 40 | **SK 52/12 - 80 LP/4** | 94 | C78 |
| | 4,0 | 1698 | 1,1 | 354,06 | 12,2 | 23,8 | 18,5 | 40 | | | C90 |
| | 5,0 | 1357 | 1,3 | 283,13 | 13 | 23,8 | 19 | 40 | | | |
| | 6,4 | 1054 | 1,7 | 219,56 | 13,5 | 23,8 | 19,4 | 40 | | | |
| | 7,3 | 933 | 2,0 | 194,62 | 13,7 | 23,8 | 19,5 | 40 | | | |
| | 2,8 | 2527 | 0,8 | 498,82 | 9,2 | 23,8 | 16,6 | 40 | **SK 53 - 80 LP/4** | 103 | C79 |
| | 3,6 | 1986 | 0,9 | 392,20 | 11,4 | 23,8 | 17,9 | 40 | | | |
| | 3,8 | 1895 | 1,0 | 374,25 | 11,7 | 23,8 | 18,1 | 40 | | | |
| | 4,8 | 1489 | 1,5 | 294,26 | 12,7 | 23,8 | 18,8 | 40 | | | |
| | 5,8 | 1244 | 1,5 | 245,56 | 13,2 | 23,8 | 19,1 | 40 | | | |
| | 6,0 | 1198 | 1,6 | 236,21 | 13,3 | 23,8 | 19,2 | 40 | | | |
| | 7,6 | 941 | 1,9 | 185,72 | 13,7 | 23,8 | 19,5 | 40 | | | |
| | 8,0 | 898 | 2,1 | 177,22 | 13,7 | 23,8 | 19,5 | 40 | | | |
| | 10 | 706 | 3,2 | 139,34 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 5,1 | 1410 | 0,9 | 278,51 | 4,7 | 12 | 9,2 | 15,5 | **SK 43 - 80 LP/4** | 70 | C77 |
| | 5,4 | 1336 | 0,9 | 263,93 | 5,2 | 12 | 9,5 | 15,5 | | | |
| | 6,1 | 1171 | 1,0 | 231,43 | 6,1 | 12 | 10 | 15,4 | | | |
| | 6,5 | 1110 | 1,1 | 219,32 | 6,4 | 12 | 10,2 | 15,4 | | | |
| | 6,9 | 1035 | 1,2 | 204,42 | 6,7 | 12 | 10,4 | 15,4 | | | |
| | 7,7 | 926 | 1,1 | 182,76 | 7,1 | 12 | 10,6 | 15 | | | |
| | 8,3 | 860 | 1,4 | 169,86 | 7,2 | 12 | 10,8 | 15,1 | | | |
| | 10 | 717 | 1,5 | 141,55 | 7,6 | 12 | 11 | 14,7 | | | |
| | 11 | 654 | 1,9 | 129,38 | 7,8 | 12 | 11,1 | 14,7 | | | |
| | 13 | 543 | 2,1 | 107,51 | 8 | 12 | 11,3 | 14,3 | | | |
| | 15 | 480 | 2,6 | 94,96 | 8,1 | 12 | 11,3 | 14 | | | |
| | 18 | 405 | 3,0 | 79,96 | 8,2 | 12 | 11,4 | 13,6 | | | |
| | 20 | 355 | 3,6 | 70,12 | 8,2 | 12 | 11,4 | 13,2 | | | |
| | 8,5 | 842 | 0,8 | 166,49 | 5,1 | 9 | 8,3 | 16,5 | **SK 33N - 80 LP/4** | 49 | C75 |
| | 11 | 678 | 1,0 | 134,02 | 5,8 | 9 | 8,7 | 16 | | | |
| | 13 | 568 | 1,0 | 112,18 | 6,2 | 9 | 9 | 15,5 | | | |
| | 16 | 447 | 1,2 | 88,18 | 6,4 | 9 | 9,2 | 14,9 | | | |
| | 17 | 411 | 1,3 | 81,27 | 6,5 | 9 | 9,2 | 15 | **SK 32 - 80 LP/4** | 40 | C74 |
| | 19 | 368 | 1,5 | 72,76 | 6,6 | 9 | 9,3 | 14,6 | | | |
| | 22 | 325 | 2,0 | 64,26 | 6,7 | 9 | 9,3 | 14,3 | | | |
| | 25 | 291 | 2,1 | 57,53 | 6,7 | 9 | 9,4 | 13,9 | | | |
| | 31 | 234 | 2,3 | 46,31 | 6,6 | 9 | 9,4 | 13,2 | | | |
| | 37 | 196 | 2,3 | 38,76 | 6,3 | 9 | 9,4 | 12,7 | | | |
| | 43 | 167 | 2,3 | 33,05 | 6 | 9 | 9,4 | 12,2 | | | |
| | 46 | 154 | 4,1 | 30,43 | 5,9 | 9 | 9,4 | 12,1 | | | |
| | 52 | 138 | 4,4 | 27,24 | 5,8 | 9 | 9,4 | 11,7 | | | |
| | 61 | 117 | 5,4 | 23,12 | 5,5 | 9 | 9,4 | 11,3 | | | |
| | 68 | 105 | 6,3 | 20,70 | 5,3 | 9 | 9,4 | 10,9 | | | |
| | 76 | 94,4 | 6,7 | 18,67 | 5,2 | 9 | 9,4 | 10,6 | | | |
| | 16 | 447 | 0,8 | 88,45 | 1 | 5,6 | 6,3 | 10,2 | **SK 23 - 80 LP/4** | 37 | C73 |
| | 18 | 395 | 0,9 | 78,05 | 2,4 | 5,6 | 6,6 | 10,1 | | | |
| | 22 | 328 | 1,0 | 64,80 | 3,6 | 5,6 | 6,9 | 9,9 | | | |

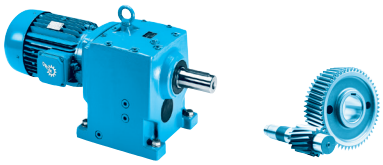
# 0,75 kW
# 1,10 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 26 | 280 | 1,1 | 55,28 | 4,8 | 5,6 | 7,1 | 9,7 | **SK 22 - 80 LP/4** | 29 | C72 |
| | 31 | 232 | 1,3 | 45,90 | 5 | 5,6 | 7,2 | 9,4 | | | |
| | 33 | 217 | 1,6 | 42,82 | 5,1 | 5,6 | 7,2 | 9,3 | | | |
| | 40 | 180 | 1,8 | 35,55 | 5,1 | 5,6 | 7,3 | 9 | | | |
| | 48 | 149 | 2,0 | 29,31 | 4,8 | 5,6 | 7,4 | 8,6 | | | |
| | 57 | 125 | 2,0 | 24,73 | 4,6 | 5,6 | 7,4 | 8,2 | | | |
| | 85 | 84,7 | 4,0 | 16,75 | 4,2 | 5,6 | 7,5 | 7,6 | | | |
| | 96 | 74,3 | 4,5 | 14,69 | 4,1 | 5,6 | 7,5 | 7,4 | | | |
| | 37 | 194 | 0,9 | 38,31 | 0,8 | 4 | 4,7 | 7,1 | **SK 12 - 80 LP/4** | 20 | C70 |
| | 40 | 177 | 0,8 | 35,07 | 0,9 | 4 | 4,8 | 7 | | | |
| | 45 | 158 | 1,0 | 31,19 | 1,5 | 4 | 4,8 | 6,9 | | | |
| | 49 | 148 | 0,8 | 29,15 | 1,5 | 4 | 4,9 | 6,8 | | | |
| | 55 | 131 | 1,0 | 25,92 | 2 | 4 | 4,9 | 6,6 | | | |
| | 67 | 108 | 1,6 | 21,28 | 3 | 4 | 5 | 6,6 | | | |
| | 75 | 95,2 | 1,7 | 18,79 | 2,9 | 4 | 5 | 6,4 | | | |
| | 85 | 84,7 | 1,8 | 16,73 | 2,8 | 4 | 5 | 6,2 | | | |
| | 106 | 67,8 | 2,2 | 13,39 | 2,6 | 4 | 5,1 | 5,9 | | | |
| | 132 | 54,1 | 2,5 | 10,70 | 2,5 | 4 | 5,1 | 5,7 | | | |
| | 147 | 48,9 | 2,8 | 9,65 | 2,4 | 4 | 5,1 | 5,5 | | | |
| | 166 | 43,3 | 3,0 | 8,56 | 2,4 | 4 | 5,1 | 5,3 | | | |
| | 180 | 39,7 | 3,3 | 7,85 | 2,3 | 4 | 5,1 | 5,2 | | | |
| | 194 | 36,9 | 3,4 | 7,28 | 2,3 | 4 | 5,1 | 5,1 | | | |
| | 217 | 33,1 | 3,8 | 6,53 | 2,2 | 3,9 | 5,1 | 5 | | | |
| | 245 | 29,3 | 4,2 | 5,79 | 2,1 | 3,8 | 5,1 | 4,8 | | | |
| | 89 | 80,7 | 0,9 | 15,95 | 2,2 | 3,3 | 3,2 | 4,6 | **SK 02 - 80 LP/4** | 18 | C68 |
| | 110 | 64,8 | 1,1 | 12,82 | 2,2 | 3,3 | 3,2 | 4,4 | | | |
| | 126 | 56,9 | 1,2 | 11,27 | 2,2 | 3,3 | 3,1 | 4,3 | | | |
| | 142 | 50,3 | 1,3 | 9,95 | 2,1 | 3,3 | 3 | 4,2 | | | |
| | 153 | 46,9 | 1,4 | 9,28 | 2,1 | 3,3 | 3 | 4,1 | | | |
| | 173 | 41,5 | 1,5 | 8,19 | 2 | 3,3 | 2,9 | 4 | | | |
| | 182 | 39,5 | 1,6 | 7,80 | 2 | 3,3 | 2,8 | 4 | | | |
| | 205 | 34,9 | 1,7 | 6,89 | 1,9 | 3,3 | 2,7 | 3,8 | | | |
| | 231 | 31,0 | 1,8 | 6,10 | 1,9 | 3,3 | 2,7 | 3,8 | | | |
| | 254 | 28,2 | 2,0 | 5,57 | 1,8 | 3,2 | 2,6 | 3,7 | | | |
| | 293 | 24,4 | 2,3 | 4,82 | 1,8 | 3,1 | 2,5 | 3,5 | | | |
| | 334 | 21,5 | 2,4 | 4,22 | 1,7 | 3 | 2,4 | 3,4 | | | |
| | 363 | 19,7 | 2,7 | 3,89 | 1,6 | 2,8 | 2,3 | 3,3 | | | |
| | 417 | 17,2 | 3,0 | 3,38 | 1,6 | 2,7 | 2,2 | 3,2 | | | |
| | 477 | 15,0 | 3,1 | 2,95 | 1,5 | 2,6 | 2,2 | 3,1 | | | |
| | 499 | 14,3 | 3,8 | 2,83 | - | 3,1 | 1,9 | 4,8 | **SK 11E - 80 LP/4** | 16 | C63 |
| | 610 | 11,7 | 4,8 | 2,32 | - | 2,8 | 1,9 | 4,4 | | | |
| | 693 | 10,3 | 5,6 | 2,04 | - | 2,7 | 1,9 | 4,2 | | | |
| | 783 | 9,1 | 6,0 | 1,81 | - | 2,6 | 1,9 | 4 | | | |
| 1,10 | 1,0 | 10380 | 1,9 | 1412,72 | 99,4 | 120 | 120 | 120 | **SK 103/52 - 90 SP/4** | 804 | C89 C91 |
| | 1,2 | 8429 | 2,4 | 1148,61 | 100,5 | 120 | 120 | 120 | | | |
| | 1,5 | 6934 | 2,9 | 943,57 | 101,1 | 120 | 120 | 120 | | | |
| | 1,7 | 6007 | 3,3 | 816,55 | 101,4 | 120 | 120 | 120 | | | |
| | 1,1 | 9543 | 1,3 | 1298,54 | 61,8 | 80 | 90 | 80 | **SK 93/42 - 90 SP/4** | 556 | C87 C91 |
| | 1,3 | 8014 | 1,5 | 1091,47 | 63,3 | 80 | 91 | 80 | | | |
| | 1,8 | 5964 | 2,0 | 813,46 | 64,8 | 80 | 92,1 | 80 | | | |
| | 1,9 | 5559 | 2,2 | 756,82 | 65,1 | 80 | 92,3 | 80 | | | |
| | 2,6 | 4025 | 3,0 | 548,76 | 65,9 | 80 | 92,8 | 80 | | | |
| | 1,0 | 10040 | 0,8 | 1368,62 | 31,8 | 65 | 54,3 | 65 | **SK 83/32 - 90 SP/4** | 362 | C85 C90 |
| | 1,2 | 8462 | 0,9 | 1155,49 | 36,2 | 65 | 57 | 65 | | | |
| | 1,6 | 6592 | 1,2 | 900,50 | 40,1 | 64,4 | 59,5 | 65 | | | |
| | 2,0 | 5308 | 1,5 | 724,73 | 42 | 62,2 | 60,8 | 65 | | | |
| | 2,7 | 3857 | 2,1 | 525,40 | 43,7 | 58,5 | 62 | 65 | **SK 83/42 - 90 SP/4** | 377 | C85 C91 |
| | 3,3 | 3217 | 2,5 | 437,84 | 44,2 | 56,3 | 62,4 | 65 | | | |
| | 3,8 | 2751 | 2,9 | 374,99 | 44,5 | 54,3 | 62,6 | 65 | | | |
| | 1,6 | 6511 | 0,8 | 888,16 | 16,4 | 31,8 | 32,8 | 50 | **SK 73/22 - 90 SP/4** | 244 | C83 C90 |
| | 1,9 | 5409 | 0,9 | 737,61 | 20,9 | 31,8 | 35,3 | 50 | | | |
| | 2,5 | 4161 | 1,2 | 566,77 | 24,2 | 31,3 | 37,3 | 50 | | | |
| | 3,1 | 3361 | 1,5 | 457,68 | 25,7 | 30,6 | 38,4 | 50 | | | |
| | 4,1 | 2547 | 2,0 | 345,90 | 26,9 | 29,4 | 39,1 | 50 | | | |
| | 5,1 | 2057 | 2,4 | 279,33 | 27,4 | 28,3 | 39,5 | 50 | | | |



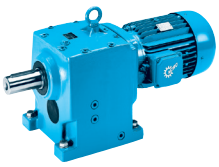
IE3

# 1,10 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 2,6 | 4071 | 0,8 | 552,45 | 13 | 32,4 | 23,6 | 45 | **SK 63/22 - 90 SP/4** | 163 | C81 |
| | 3,3 | 3160 | 1,0 | 430,19 | 16,4 | 31,8 | 25,6 | 45 | | | C90 |
| | 3,9 | 2702 | 1,2 | 368,29 | 17,5 | 31,1 | 26,4 | 45 | | | |
| | 5,1 | 2079 | 1,5 | 282,73 | 18,8 | 29,9 | 27,2 | 45 | | | |
| | 6,3 | 1654 | 1,9 | 224,97 | 19,4 | 28,7 | 27,6 | 45 | | | |
| | 3,8 | 2738 | 1,2 | 372,21 | 17,5 | 31,1 | 26,3 | 45 | **SK 63 - 90 SP/4** | 144 | C81 |
| | 4,8 | 2210 | 1,4 | 300,34 | 18,6 | 30,2 | 27,1 | 45 | | | |
| | 5,4 | 1951 | 1,9 | 265,32 | 19 | 29,6 | 27,4 | 45 | | | |
| | 6,7 | 1575 | 2,3 | 214,10 | 19,5 | 28,4 | 27,7 | 45 | | | |
| | 4,9 | 2161 | 1,0 | 294,26 | 10,8 | 23,8 | 17,5 | 40 | **SK 53 - 90 SP/4** | 108 | C79 |
| | 5,8 | 1805 | 1,0 | 245,56 | 11,9 | 23,8 | 18,3 | 40 | | | |
| | 6,0 | 1738 | 1,1 | 236,21 | 12,1 | 23,8 | 18,4 | 40 | | | |
| | 7,7 | 1366 | 1,3 | 185,72 | 13 | 23,8 | 19 | 40 | | | |
| | 8,1 | 1303 | 1,5 | 177,22 | 13,1 | 23,8 | 19,1 | 40 | | | |
| | 10 | 1024 | 2,2 | 139,34 | 13,6 | 23,8 | 19,4 | 40 | | | |
| | 14 | 777 | 2,9 | 105,87 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 15 | 701 | 3,2 | 95,49 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 16 | 638 | 2,7 | 86,92 | 14 | 23,8 | 19,7 | 40 | **SK 52 - 90 SP/4** | 89 | C78 |
| | 18 | 577 | 2,8 | 78,56 | 14 | 23,8 | 19,7 | 40 | | | |
| | 20 | 525 | 3,0 | 71,39 | 14,1 | 23,8 | 19,8 | 40 | | | |
| | 7,0 | 1502 | 0,9 | 204,42 | 4 | 12 | 8,9 | 12,9 | **SK 43 - 90 SP/4** | 75 | C77 |
| | 7,8 | 1343 | 0,8 | 182,76 | 5,2 | 12 | 9,5 | 12,7 | | | |
| | 8,4 | 1247 | 0,9 | 169,86 | 5,7 | 12 | 9,8 | 13 | | | |
| | 10 | 1040 | 1,0 | 141,55 | 6,7 | 12 | 10,4 | 12,9 | | | |
| | 11 | 950 | 1,3 | 129,38 | 7 | 12 | 10,6 | 13,1 | | | |
| | 13 | 789 | 1,4 | 107,51 | 7,4 | 12 | 10,9 | 12,9 | | | |
| | 15 | 697 | 1,8 | 94,96 | 7,7 | 12 | 11,1 | 12,8 | | | |
| | 14 | 772 | 1,1 | 105,08 | 7,5 | 12 | 10,9 | 13,1 | **SK 42 - 90 SP/4** | 60 | C76 |
| | 17 | 625 | 1,3 | 85,10 | 7,8 | 12 | 11,2 | 12,7 | | | |
| | 19 | 550 | 2,0 | 74,87 | 8 | 12 | 11,2 | 12,6 | | | |
| | 24 | 445 | 2,3 | 60,66 | 8,1 | 12 | 11,4 | 12,1 | | | |
| | 16 | 649 | 0,8 | 88,18 | 5,9 | 9 | 8,8 | 13,6 | **SK 33N - 90 SP/4** | 54 | C75 |
| | 18 | 597 | 0,9 | 81,27 | 6,1 | 9 | 8,9 | 13,8 | **SK 32 - 90 SP/4** | 45 | C74 |
| | 20 | 534 | 1,0 | 72,76 | 6,2 | 9 | 9 | 13,6 | | | |
| | 22 | 472 | 1,4 | 64,26 | 6,4 | 9 | 9,1 | 13,4 | | | |
| | 25 | 422 | 1,5 | 57,53 | 6,5 | 9 | 9,2 | 13,1 | | | |
| | 31 | 340 | 2,0 | 46,25 | 6,2 | 9 | 9,3 | 12,6 | | | |
| | 37 | 285 | 1,6 | 38,76 | 5,9 | 9 | 9,4 | 12,1 | | | |
| | 38 | 273 | 2,2 | 37,23 | 5,9 | 9 | 9,4 | 12 | | | |
| | 43 | 242 | 1,6 | 33,05 | 5,7 | 9 | 9,4 | 11,6 | | | |
| | 46 | 229 | 2,2 | 31,16 | 5,7 | 9 | 9,4 | 11,5 | | | |
| | 47 | 224 | 2,9 | 30,43 | 5,7 | 9 | 9,4 | 11,6 | | | |
| | 52 | 200 | 3,0 | 27,24 | 5,5 | 9 | 9,4 | 11,3 | | | |
| | 54 | 195 | 2,2 | 26,57 | 5,4 | 9 | 9,4 | 11,1 | | | |
| | 62 | 170 | 3,7 | 23,12 | 5,3 | 9 | 9,4 | 10,9 | | | |
| | 69 | 152 | 4,3 | 20,70 | 5,1 | 9 | 9,4 | 10,6 | | | |
| | 77 | 137 | 4,6 | 18,67 | 5 | 9 | 9,4 | 10,3 | | | |
| | 26 | 406 | 0,8 | 55,28 | 0,1 | 5,6 | 6,6 | 8,7 | **SK 22 - 90 SP/4** | 34 | C72 |
| | 31 | 337 | 0,9 | 45,90 | 1,3 | 5,6 | 6,9 | 8,5 | | | |
| | 33 | 314 | 1,1 | 42,82 | 2,3 | 5,6 | 6,9 | 8,5 | | | |
| | 40 | 261 | 1,3 | 35,55 | 3,2 | 5,6 | 7,1 | 8,3 | | | |
| | 41 | 255 | 1,3 | 34,69 | 3,7 | 5,6 | 7,1 | 8,3 | | | |
| | 49 | 216 | 1,4 | 29,31 | 3,9 | 5,6 | 7,2 | 8 | | | |
| | 50 | 212 | 1,8 | 28,80 | 4,3 | 5,6 | 7,3 | 8,1 | | | |
| | 58 | 181 | 1,4 | 24,73 | 4,3 | 5,6 | 7,3 | 7,7 | | | |
| | 60 | 175 | 1,9 | 23,74 | 4,3 | 5,6 | 7,3 | 7,7 | | | |
| | 72 | 147 | 1,9 | 20,03 | 4,1 | 5,6 | 7,4 | 7,5 | | | |
| | 85 | 123 | 2,8 | 16,75 | 4 | 5,6 | 7,4 | 7,3 | | | |
| | 97 | 108 | 3,1 | 14,69 | 3,9 | 5,6 | 7,4 | 7,1 | | | |
| | 117 | 89,5 | 3,7 | 12,20 | 3,7 | 5,6 | 7,5 | 6,8 | | | |
| | 131 | 80,1 | 4,0 | 10,89 | 3,6 | 5,6 | 7,5 | 6,6 | | | |

# 1,10 kW
# 1,50 kW

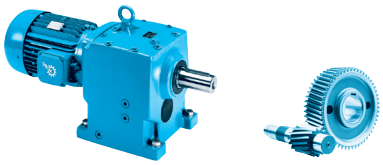
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 67 | 156 | 1,1 | 21,28 | 1 | 4 | 4,8 | 6,1 | **SK 12 - 90 SP/4** | 25 | C70 |
| | 76 | 138 | 1,2 | 18,79 | 1,5 | 4 | 4,9 | 6 | | | |
| | 85 | 123 | 1,3 | 16,73 | 1,9 | 4 | 4,9 | 5,8 | | | |
| | 107 | 98,4 | 1,5 | 13,39 | 2,3 | 4 | 5 | 5,6 | | | |
| | 134 | 78,5 | 1,7 | 10,70 | 2,4 | 4 | 5 | 5,4 | | | |
| | 148 | 70,9 | 1,9 | 9,65 | 2,3 | 4 | 5 | 5,3 | | | |
| | 167 | 62,8 | 2,1 | 8,56 | 2,2 | 4 | 5,1 | 5,1 | | | |
| | 182 | 57,7 | 2,3 | 7,85 | 2,2 | 3,9 | 5,1 | 5 | | | |
| | 196 | 53,5 | 2,3 | 7,28 | 2,2 | 3,8 | 5,1 | 4,9 | | | |
| | 219 | 48,0 | 2,6 | 6,53 | 2,1 | 3,7 | 5,1 | 4,8 | | | |
| | 247 | 42,5 | 2,9 | 5,79 | 2 | 3,5 | 5,1 | 4,7 | | | |
| | 290 | 36,2 | 3,2 | 4,93 | 1,9 | 3,4 | 5,1 | 4,5 | | | |
| | 318 | 33,0 | 3,6 | 4,49 | 1,9 | 3,2 | 5,1 | 4,3 | | | |
| | 332 | 31,6 | 3,5 | 4,32 | 1,9 | 3,2 | 5,1 | 4,3 | | | |
| | 360 | 29,2 | 3,9 | 3,98 | 1,8 | 3,1 | 5,1 | 4,2 | | | |
| | 127 | 82,6 | 0,8 | 11,27 | 1,3 | 3,3 | 2,8 | 3,9 | **SK 02 - 90 SP/4** | 23 | C68 |
| | 144 | 73,0 | 0,9 | 9,95 | 1,6 | 3,3 | 2,8 | 3,8 | | | |
| | 154 | 68,1 | 1,0 | 9,28 | 1,6 | 3,3 | 2,7 | 3,8 | | | |
| | 174 | 60,2 | 1,0 | 8,19 | 1,8 | 3,3 | 2,7 | 3,7 | | | |
| | 183 | 57,3 | 1,1 | 7,80 | 1,8 | 3,2 | 2,6 | 3,7 | | | |
| | 208 | 50,6 | 1,2 | 6,89 | 1,8 | 3,1 | 2,5 | 3,6 | | | |
| | 234 | 44,9 | 1,3 | 6,10 | 1,8 | 3,1 | 2,5 | 3,5 | | | |
| | 257 | 40,9 | 1,4 | 5,57 | 1,7 | 3 | 2,5 | 3,4 | | | |
| | 297 | 35,4 | 1,6 | 4,82 | 1,7 | 2,8 | 2,3 | 3,3 | | | |
| | 337 | 31,1 | 1,7 | 4,22 | 1,6 | 2,8 | 2,3 | 3,2 | | | |
| | 367 | 28,6 | 1,9 | 3,89 | 1,6 | 2,7 | 2,2 | 3,1 | | | |
| | 421 | 24,9 | 2,0 | 3,38 | 1,5 | 2,5 | 2,2 | 3 | | | |
| | 482 | 21,8 | 2,1 | 2,95 | 1,5 | 2,4 | 2,1 | 2,9 | | | |
| | 505 | 20,8 | 2,6 | 2,83 | - | 2,9 | 1,8 | 4,6 | **SK 11E - 90 SP/4** | 21 | C63 |
| | 617 | 17,0 | 3,3 | 2,32 | - | 2,7 | 1,8 | 4,3 | | | |
| | 700 | 15,0 | 3,9 | 2,04 | - | 2,6 | 1,9 | 4,1 | | | |
| | 791 | 13,3 | 4,1 | 1,81 | - | 2,4 | 1,9 | 3,9 | | | |
| 1,50 | 1,0 | 14310 | 1,4 | 1412,72 | 96,6 | 120 | 120 | 120 | **SK 103/52 - 90 LP/4** | 806 | C89 C91 |
| | 1,2 | 11620 | 1,7 | 1148,61 | 98,6 | 120 | 120 | 120 | | | |
| | 1,5 | 9556 | 2,1 | 943,57 | 99,9 | 120 | 120 | 120 | | | |
| | 1,7 | 8279 | 2,4 | 816,55 | 100,5 | 120 | 120 | 120 | | | |
| | 2,2 | 6505 | 3,1 | 642,31 | 101,2 | 120 | 120 | 120 | | | |
| | 1,1 | 13150 | 0,9 | 1298,54 | 56,8 | 80 | 86,6 | 80 | **SK 93/42 - 90 LP/4** | 558 | C87 C91 |
| | 1,3 | 11040 | 1,1 | 1091,47 | 59,9 | 80 | 88,7 | 80 | | | |
| | 1,7 | 8219 | 1,5 | 813,46 | 63 | 80 | 90,8 | 80 | | | |
| | 1,9 | 7661 | 1,6 | 756,82 | 63,6 | 80 | 91,2 | 80 | | | |
| | 2,6 | 5546 | 2,2 | 548,76 | 65,1 | 80 | 92,3 | 80 | | | |
| | 3,1 | 4625 | 2,6 | 457,30 | 65,6 | 80 | 92,7 | 80 | | | |
| | 1,6 | 9085 | 0,9 | 900,50 | 34,5 | 59,5 | 55,9 | 65 | **SK 83/32 - 90 LP/4** | 364 | C85 C90 |
| | 2,0 | 7315 | 1,1 | 724,73 | 38,7 | 58,3 | 58,6 | 65 | | | |
| | 2,7 | 5316 | 1,5 | 525,40 | 42 | 55,7 | 60,8 | 65 | **SK 83/42 - 90 LP/4** | 379 | C85 C91 |
| | 3,2 | 4433 | 1,8 | 437,84 | 43,1 | 54 | 61,6 | 65 | | | |
| | 3,8 | 3791 | 2,1 | 374,99 | 43,7 | 52,5 | 62 | 65 | | | |
| | 5,1 | 2794 | 2,9 | 275,58 | 44,5 | 49,2 | 62,6 | 65 | | | |
| | 6,0 | 2389 | 3,3 | 235,92 | 44,8 | 47,5 | 62,8 | 65 | | | |
| | 2,5 | 5734 | 0,9 | 566,77 | 19,7 | 27,9 | 34,6 | 50 | **SK 73/22 - 90 LP/4** | 246 | C73 C90 |
| | 3,1 | 4631 | 1,1 | 457,68 | 23,1 | 27,9 | 36,6 | 50 | | | |
| | 4,1 | 3510 | 1,4 | 345,90 | 25,5 | 27,3 | 38,2 | 50 | | | |
| | 5,1 | 2835 | 1,8 | 279,33 | 26,5 | 26,7 | 38,9 | 50 | | | |
| | 6,3 | 2292 | 2,2 | 226,73 | 27,2 | 25,9 | 39,3 | 50 | **SK 73/32 - 90 LP/4** | 257 | C73 C90 |
| | 8,3 | 1732 | 2,9 | 171,23 | 27,7 | 24,7 | 39,7 | 50 | | | |
| | 3,8 | 3724 | 0,9 | 368,29 | 14,4 | 28,4 | 24,4 | 45 | **SK 63/22 - 90 LP/4** | 165 | C81 C90 |
| | 5,0 | 2865 | 1,1 | 282,73 | 17,1 | 27,8 | 26,1 | 45 | | | |
| | 6,3 | 2280 | 1,4 | 224,97 | 18,4 | 27,1 | 27 | 45 | | | |
| | 8,2 | 1754 | 1,8 | 172,85 | 19,3 | 26 | 27,6 | 45 | | | |
| | 9,2 | 1554 | 2,1 | 153,31 | 19,5 | 25,4 | 27,7 | 45 | | | |



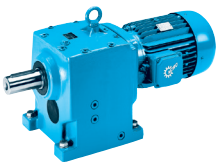
IE3

# 1,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 3,8 | 3773 | 0,8 | 372,21 | 14,2 | 28,4 | 24,3 | 45 | **SK 63 - 90 LP/4** | 146 | C81 |
| | 4,7 | 3046 | 1,1 | 300,34 | 16,7 | 28 | 25,8 | 45 | | | |
| | 5,3 | 2688 | 1,4 | 265,32 | 17,6 | 27,6 | 26,4 | 45 | | | |
| | 6,6 | 2170 | 1,7 | 214,10 | 18,6 | 26,9 | 27,1 | 45 | | | |
| | 6,0 | 2395 | 0,8 | 236,21 | 9,8 | 23,8 | 17 | 40 | **SK 53 - 90 LP/4** | 110 | C79 |
| | 7,6 | 1882 | 1,0 | 185,72 | 11,7 | 23,8 | 18,1 | 40 | | | |
| | 8,0 | 1796 | 1,1 | 177,22 | 12 | 23,8 | 18,3 | 40 | | | |
| | 10 | 1411 | 1,6 | 139,34 | 12,9 | 23,8 | 18,9 | 40 | | | |
| | 13 | 1071 | 2,1 | 105,87 | 13,5 | 23,8 | 19,3 | 40 | | | |
| | 15 | 966 | 2,3 | 95,49 | 13,6 | 23,8 | 19,4 | 40 | | | |
| | 16 | 879 | 2,0 | 86,92 | 13,8 | 23,8 | 19,5 | 40 | **SK 52 - 90 LP/4** | 91 | C78 |
| | 18 | 795 | 2,0 | 78,56 | 13,8 | 23,8 | 19,6 | 40 | | | |
| | 20 | 723 | 2,2 | 71,39 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 39 | 364 | 3,8 | 36,03 | 14,2 | 23,8 | 19,8 | 40 | | | |
| | 43 | 329 | 3,8 | 32,56 | 14,2 | 23,8 | 19,8 | 39,9 | | | |
| | 10 | 1422 | 0,8 | 140,40 | 4,6 | 12 | 9,2 | 11 | **SK 42/12 - 90 LP/4** | 72 | C76<br>C90 |
| | 11 | 1309 | 0,9 | 129,38 | 5,3 | 12 | 9,6 | 11,3 | **SK 43 - 90 LP/4** | 77 | C77 |
| | 13 | 1087 | 1,0 | 107,51 | 6,4 | 12 | 10,2 | 11,4 | | | |
| | 15 | 961 | 1,3 | 94,96 | 6,9 | 12 | 10,6 | 11,5 | | | |
| | 18 | 810 | 1,5 | 79,96 | 7,4 | 12 | 10,9 | 11,5 | | | |
| | 20 | 710 | 1,8 | 70,12 | 7,6 | 12 | 11 | 11,4 | | | |
| | 24 | 589 | 2,0 | 58,27 | 7,9 | 12 | 11,2 | 11,1 | | | |
| | 29 | 491 | 2,1 | 48,56 | 8,1 | 12 | 11,3 | 10,8 | | | |
| | 35 | 414 | 2,5 | 40,98 | 8,1 | 12 | 11,4 | 10,7 | | | |
| | 13 | 1064 | 0,8 | 105,08 | 6,6 | 12 | 10,3 | 11,7 | **SK 42 - 90 LP/4** | 62 | C76 |
| | 17 | 861 | 0,9 | 85,10 | 7,2 | 12 | 10,8 | 11,6 | | | |
| | 19 | 758 | 1,4 | 74,87 | 7,5 | 12 | 10,9 | 11,6 | | | |
| | 23 | 614 | 1,6 | 60,66 | 7,8 | 12 | 11,2 | 11,3 | | | |
| | 46 | 308 | 3,5 | 30,46 | 7,6 | 12 | 11,5 | 10,2 | | | |
| | 57 | 250 | 3,6 | 24,67 | 7,2 | 12 | 11,5 | 9,7 | | | |
| | 22 | 650 | 1,0 | 64,26 | 5,9 | 9 | 8,8 | 12,4 | **SK 32 - 90 LP/4** | 47 | C74 |
| | 25 | 582 | 1,1 | 57,53 | 6 | 9 | 8,9 | 12,2 | | | |
| | 31 | 468 | 1,4 | 46,25 | 5,8 | 9 | 9,1 | 11,9 | | | |
| | 37 | 392 | 1,1 | 38,76 | 5,6 | 9 | 9,2 | 11,4 | | | |
| | 38 | 377 | 1,6 | 37,23 | 5,6 | 9 | 9,3 | 11,4 | | | |
| | 43 | 334 | 1,1 | 33,05 | 5,4 | 9 | 9,3 | 11 | | | |
| | 45 | 315 | 1,6 | 31,16 | 5,4 | 9 | 9,3 | 11 | | | |
| | 46 | 308 | 2,1 | 30,43 | 5,4 | 9 | 9,3 | 11,1 | | | |
| | 52 | 276 | 2,2 | 27,24 | 5,3 | 9 | 9,4 | 10,9 | | | |
| | 53 | 269 | 1,6 | 26,57 | 5,2 | 9 | 9,4 | 10,6 | | | |
| | 61 | 234 | 2,7 | 23,12 | 5,1 | 9 | 9,4 | 10,6 | | | |
| | 68 | 209 | 3,1 | 20,70 | 5 | 9 | 9,4 | 10,3 | | | |
| | 76 | 189 | 3,3 | 18,67 | 4,9 | 9 | 9,4 | 10,1 | | | |
| | 33 | 433 | 0,8 | 42,82 | 0,1 | 5,6 | 6,4 | 7,7 | **SK 22 - 90 LP/4** | 36 | C72 |
| | 40 | 360 | 0,9 | 35,55 | 0,2 | 5,6 | 6,8 | 7,5 | | | |
| | 41 | 351 | 1,0 | 34,69 | 0,3 | 5,6 | 6,8 | 7,6 | | | |
| | 48 | 297 | 1,0 | 29,31 | 0,4 | 5,6 | 7 | 7,4 | | | |
| | 49 | 292 | 1,3 | 28,80 | 1 | 5,6 | 7 | 7,4 | | | |
| | 57 | 250 | 1,0 | 24,73 | 1,3 | 5,6 | 7,2 | 7,2 | | | |
| | 60 | 241 | 1,4 | 23,74 | 2 | 5,6 | 7,2 | 7,2 | | | |
| | 71 | 202 | 1,4 | 20,03 | 2,6 | 5,6 | 7,3 | 7 | | | |
| | 85 | 169 | 2,0 | 16,75 | 3,8 | 5,6 | 7,3 | 7 | | | |
| | 96 | 149 | 2,3 | 14,69 | 3,7 | 5,6 | 7,4 | 6,8 | | | |
| | 116 | 123 | 2,7 | 12,20 | 3,6 | 5,6 | 7,4 | 6,6 | | | |
| | 130 | 110 | 2,9 | 10,89 | 3,5 | 5,6 | 7,4 | 6,4 | | | |
| | 167 | 85,7 | 3,0 | 8,48 | 3,2 | 5,5 | 7,5 | 6 | | | |
| | 187 | 76,7 | 3,2 | 7,57 | 3,1 | 5,3 | 7,5 | 5,9 | | | |
| | 206 | 69,4 | 3,7 | 6,86 | 3,1 | 5,2 | 7,5 | 5,8 | | | |
| | 217 | 65,9 | 3,5 | 6,51 | 3 | 5,1 | 7,5 | 5,7 | | | |

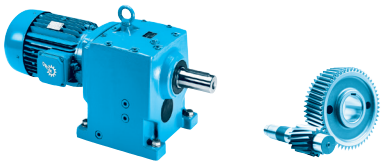
# 1,50 kW
# 2,20 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 67 | 215 | 0,8 | 21,28 | 0,1 | 0,3 | 4,6 | 5,5 | **SK 12 - 90 LP/4** | 27 | C70 |
| | 75 | 190 | 0,8 | 18,79 | 0,3 | 0,9 | 4,7 | 5,5 | | | |
| | 85 | 169 | 0,9 | 16,73 | 0,5 | 1,5 | 4,8 | 5,4 | | | |
| | 106 | 136 | 1,1 | 13,39 | 0,6 | 3,9 | 4,9 | 5,2 | | | |
| | 132 | 108 | 1,2 | 10,70 | 1,5 | 3,9 | 5 | 5,1 | | | |
| | 147 | 97,7 | 1,4 | 9,65 | 1,6 | 3,8 | 5 | 5 | | | |
| | 166 | 86,5 | 1,5 | 8,56 | 1,9 | 3,7 | 5 | 4,9 | | | |
| | 180 | 79,5 | 1,6 | 7,85 | 1,9 | 3,5 | 5 | 4,8 | | | |
| | 194 | 73,8 | 1,7 | 7,28 | 2,1 | 3,5 | 5 | 4,8 | | | |
| | 217 | 66,1 | 1,9 | 6,53 | 2 | 3,4 | 5,1 | 4,6 | | | |
| | 245 | 58,6 | 2,1 | 5,79 | 1,9 | 3,3 | 5,1 | 4,5 | | | |
| | 287 | 49,9 | 2,3 | 4,93 | 1,9 | 3,1 | 5,1 | 4,3 | | | |
| | 315 | 45,5 | 2,6 | 4,49 | 1,8 | 3 | 5,1 | 4,2 | | | |
| | 328 | 43,6 | 2,6 | 4,32 | 1,8 | 3 | 5,1 | 4,2 | | | |
| | 356 | 40,3 | 2,8 | 3,98 | 1,8 | 2,9 | 5,1 | 4,1 | | | |
| | 417 | 34,3 | 3,2 | 3,39 | 1,7 | 2,8 | 5,1 | 4 | | | |
| | 478 | 30,0 | 3,5 | 2,96 | 1,6 | 2,7 | 5,1 | 3,8 | | | |
| | 173 | 83,0 | 0,8 | 8,19 | 0,5 | 2,9 | 2,4 | 3,4 | **SK 02 - 90 LP/4** | 25 | C68 |
| | 182 | 78,9 | 0,8 | 7,80 | 0,5 | 2,8 | 2,4 | 3,3 | | | |
| | 205 | 69,8 | 0,9 | 6,89 | 0,8 | 2,8 | 2,4 | 3,3 | | | |
| | 231 | 61,9 | 0,9 | 6,10 | 1,4 | 2,8 | 2,4 | 3,3 | | | |
| | 254 | 56,4 | 1,0 | 5,57 | 1,3 | 2,7 | 2,3 | 3,2 | | | |
| | 293 | 48,8 | 1,2 | 4,82 | 1,2 | 2,5 | 2,2 | 3 | | | |
| | 334 | 42,9 | 1,2 | 4,22 | 1,5 | 2,5 | 2,2 | 3 | | | |
| | 363 | 39,4 | 1,3 | 3,89 | 1,5 | 2,4 | 2,1 | 3 | | | |
| | 417 | 34,3 | 1,5 | 3,38 | 1,5 | 2,4 | 2 | 2,9 | | | |
| | 477 | 30,0 | 1,5 | 2,95 | 1,4 | 2,3 | 2 | 2,8 | | | |
| | 522 | 27,4 | 2,8 | 2,71 | - | 4,1 | 2,4 | 5,8 | **SK 21E - 90 LP/4** | 29 | C64 |
| | 584 | 24,5 | 3,0 | 2,42 | - | 3,9 | 2,4 | 5,5 | | | |
| | 499 | 28,7 | 1,9 | 2,83 | - | 2,8 | 1,7 | 4,5 | **SK 11E - 90 LP/4** | 23 | C63 |
| | 610 | 23,5 | 2,4 | 2,32 | - | 2,6 | 1,7 | 4,2 | | | |
| | 693 | 20,7 | 2,8 | 2,04 | - | 2,5 | 1,8 | 4 | | | |
| | 783 | 18,3 | 3,0 | 1,81 | - | 2,3 | 1,8 | 3,8 | | | |
| 2,20 | 1,0 | 20270 | 1,0 | 1412,72 | 90 | 120 | 117,9 | 120 | **SK 103/52 - 100 LP/4** | 817 | C89 |
| | 1,3 | 16460 | 1,2 | 1148,61 | 94,4 | 120 | 120 | 120 | | | C91 |
| | 1,6 | 13540 | 1,5 | 943,57 | 97,1 | 120 | 120 | 120 | | | |
| | 1,8 | 11730 | 1,7 | 816,55 | 98,5 | 120 | 120 | 120 | | | |
| | 2,3 | 9215 | 2,2 | 642,31 | 100 | 120 | 120 | 120 | | | |
| | 3,1 | 6714 | 3,0 | 467,81 | 101,1 | 120 | 120 | 120 | | | |
| | 4,3 | 4892 | 4,1 | 340,13 | 101,8 | 120 | 120 | 120 | | | |
| | 1,3 | 15650 | 0,8 | 1091,47 | 51,6 | 80 | 83,3 | 80 | **SK 93/42 - 100 LP/4** | 569 | C87 |
| | 1,8 | 11640 | 1,0 | 813,46 | 58,8 | 80 | 88 | 80 | | | C91 |
| | 1,9 | 10850 | 1,1 | 756,82 | 60 | 80 | 88,7 | 80 | | | |
| | 2,7 | 7857 | 1,6 | 548,76 | 63,3 | 80 | 91 | 80 | | | |
| | 3,2 | 6552 | 1,9 | 457,30 | 64,4 | 80 | 91,8 | 80 | | | |
| | 4,4 | 4774 | 2,6 | 333,02 | 65,5 | 80 | 92,6 | 80 | | | |
| | 5,1 | 4130 | 3,0 | 287,83 | 65,8 | 79,8 | 92,8 | 80 | | | |
| | 2,0 | 10360 | 0,8 | 724,73 | 30 | 51,1 | 53,2 | 65 | **SK 83/32 - 100 LP/4** | 375 | C85 |
| | | | | | | | | | | | C90 |
| | 2,8 | 7530 | 1,1 | 525,40 | 38,1 | 50,5 | 58,2 | 65 | **SK 83/42 - 100 LP/4** | 390 | C85 |
| | 3,3 | 6280 | 1,3 | 437,84 | 40,5 | 49,6 | 59,8 | 65 | | | C91 |
| | 3,9 | 5370 | 1,5 | 374,99 | 41,8 | 48,6 | 60,7 | 65 | | | |
| | 5,3 | 3958 | 2,0 | 275,58 | 43,5 | 46,3 | 61,9 | 65 | | | |
| | 6,2 | 3385 | 2,4 | 235,92 | 44 | 45 | 62,2 | 65 | | | |
| | 6,8 | 3105 | 2,9 | 216,61 | 44,2 | 44,3 | 62,4 | 65 | **SK 83 - 100 LP/4** | 345 | C85 |
| | 11 | 1960 | 3,8 | 136,78 | 45 | 40,1 | 62,9 | 65 | | | |
| | 3,2 | 6561 | 0,8 | 457,68 | 15,6 | 23 | 32,4 | 50 | **SK 73/22 - 100 LP/4** | 257 | C73 |
| | 4,2 | 4973 | 1,0 | 345,90 | 22 | 23,6 | 36 | 50 | | | C90 |
| | 5,2 | 4016 | 1,2 | 279,33 | 24,4 | 23,7 | 37,5 | 50 | | | |
| | 6,5 | 3246 | 1,5 | 226,73 | 25,8 | 23,4 | 38,4 | 50 | **SK 73/32 - 100 LP/4** | 268 | C73 |
| | 8,6 | 2454 | 2,0 | 171,23 | 26,9 | 22,8 | 39,2 | 50 | | | C90 |



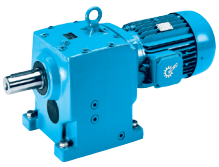
IE3

# 2,20 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,20 | 7,1 | 2948 | 1,8 | 205,61 | 26,3 | 23,2 | 38,7 | 50 | **SK 73 - 100 LP/4** | 238 | C73 |
| | 8,8 | 2381 | 2,4 | 166,03 | 27 | 22,7 | 39,2 | 50 | | | |
| | 12 | 1784 | 2,8 | 124,41 | 27,6 | 21,7 | 39,7 | 50 | | | |
| | 15 | 1441 | 2,8 | 100,46 | 27,9 | 20,9 | 39,8 | 50 | | | |
| | 16 | 1310 | 4,1 | 91,38 | 28 | 20,5 | 39,9 | 50 | | | |
| | 5,2 | 4058 | 0,8 | 282,73 | 12,7 | 24,1 | 23,4 | 45 | **SK 63/22 - 100 LP/4** | 176 | C71<br>C90 |
| | 5,5 | 3808 | 1,0 | 265,32 | 13,9 | 24,2 | 24,1 | 45 | **SK 63 - 100 LP/4** | 157 | C71 |
| | 6,8 | 3075 | 1,2 | 214,10 | 16,5 | 24,1 | 25,7 | 45 | | | |
| | 8,1 | 2594 | 1,4 | 180,57 | 17,7 | 23,8 | 26,5 | 45 | | | |
| | 10 | 2094 | 1,8 | 145,71 | 18,7 | 23,3 | 27,2 | 45 | | | |
| | 14 | 1550 | 2,4 | 107,89 | 19,5 | 22,2 | 27,7 | 45 | | | |
| | 17 | 1251 | 2,6 | 87,06 | 19,8 | 21,4 | 28 | 45 | | | |
| | 19 | 1111 | 3,3 | 77,46 | 20 | 21 | 28 | 44,8 | | | |
| | 8,3 | 2545 | 0,8 | 177,22 | 0 | 23,8 | 16,4 | 40 | **SK 53 - 100 LP/4** | 121 | C79 |
| | 11 | 1999 | 1,1 | 139,34 | 11,2 | 23,8 | 17,8 | 40 | | | |
| | 14 | 1517 | 1,5 | 105,87 | 12,6 | 23,8 | 18,7 | 40 | | | |
| | 15 | 1368 | 1,6 | 95,49 | 12,9 | 23,8 | 19 | 40 | | | |
| | 18 | 1143 | 1,6 | 79,69 | 13,4 | 23,8 | 19,2 | 40 | | | |
| | 22 | 936 | 2,1 | 65,35 | 13,7 | 23,8 | 19,5 | 40 | | | |
| | 17 | 1246 | 1,4 | 86,92 | 13,2 | 23,8 | 19,1 | 40 | **SK 52 - 100 LP/4** | 102 | C78 |
| | 19 | 1126 | 1,4 | 78,56 | 13,4 | 23,8 | 19,2 | 40 | | | |
| | 20 | 1025 | 1,5 | 71,39 | 13,5 | 23,8 | 19,4 | 40 | | | |
| | 25 | 853 | 2,2 | 59,54 | 13,8 | 23,8 | 19,5 | 40 | | | |
| | 27 | 771 | 2,5 | 53,81 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 30 | 702 | 2,7 | 48,90 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 15 | 1361 | 0,9 | 94,96 | 4,9 | 12 | 9,3 | 9,2 | **SK 43 - 100 LP/4** | 88 | C77 |
| | 18 | 1147 | 1,1 | 79,96 | 6,1 | 12 | 10 | 9,6 | | | |
| | 21 | 1005 | 1,3 | 70,12 | 6,7 | 12 | 10,4 | 9,7 | | | |
| | 20 | 1074 | 1,0 | 74,87 | 6,4 | 12 | 10,2 | 9,9 | **SK 42 - 100 LP/4** | 73 | C76 |
| | 24 | 870 | 1,2 | 60,66 | 7,2 | 12 | 10,7 | 9,9 | | | |
| | 29 | 731 | 1,5 | 50,98 | 7,6 | 12 | 11 | 9,9 | | | |
| | 35 | 592 | 2,0 | 41,29 | 7,5 | 12 | 11,2 | 9,7 | | | |
| | 42 | 506 | 2,4 | 35,25 | 7,2 | 12 | 11,3 | 9,5 | | | |
| | 48 | 437 | 2,5 | 30,46 | 7,1 | 12 | 11,4 | 9,5 | | | |
| | 50 | 420 | 2,4 | 29,29 | 6,9 | 12 | 11,4 | 9,3 | | | |
| | 59 | 354 | 2,5 | 24,67 | 6,7 | 12 | 11,4 | 9,1 | | | |
| | 60 | 350 | 2,5 | 24,41 | 6,7 | 12 | 11,4 | 9 | | | |
| | 67 | 313 | 3,5 | 21,87 | 6,6 | 12 | 11,5 | 9 | | | |
| | 32 | 663 | 1,0 | 46,25 | 3,2 | 9 | 8,8 | 10,6 | **SK 32 - 100 LP/4** | 58 | C74 |
| | 39 | 534 | 1,1 | 37,23 | 4,4 | 9 | 9 | 10,2 | | | |
| | 47 | 447 | 1,1 | 31,16 | 4,8 | 9 | 9,1 | 10 | | | |
| | 48 | 437 | 1,5 | 30,43 | 4,9 | 9 | 9,2 | 10,2 | | | |
| | 54 | 391 | 1,5 | 27,24 | 4,8 | 9 | 9,2 | 10,1 | | | |
| | 55 | 380 | 1,1 | 26,57 | 4,7 | 9 | 9,2 | 9,8 | | | |
| | 63 | 331 | 1,9 | 23,12 | 4,7 | 9 | 9,3 | 9,9 | | | |
| | 71 | 296 | 2,2 | 20,70 | 4,6 | 9 | 9,3 | 9,7 | | | |
| | 79 | 267 | 2,4 | 18,67 | 4,5 | 9 | 9,4 | 9,5 | | | |
| | 88 | 239 | 2,2 | 16,66 | 4,4 | 8,6 | 9,4 | 9,2 | | | |
| | 90 | 233 | 2,7 | 16,25 | 4,4 | 8,7 | 9,4 | 9,3 | | | |
| | 98 | 215 | 2,4 | 15,03 | 4,3 | 8,4 | 9,4 | 9,1 | | | |
| | 101 | 208 | 3,2 | 14,55 | 4,3 | 8,5 | 9,4 | 9,1 | | | |
| | 125 | 168 | 4,2 | 11,71 | 4,1 | 7,9 | 9,4 | 8,6 | | | |
| | 51 | 413 | 0,9 | 28,80 | 0,1 | 1,1 | 6,5 | 6,4 | **SK 22 - 100 LP/4** | 47 | C72 |
| | 62 | 341 | 1,0 | 23,74 | 0,5 | 2,1 | 6,8 | 6,3 | | | |
| | 73 | 287 | 1,0 | 20,03 | 0,7 | 4 | 7 | 6,2 | | | |
| | 88 | 240 | 1,4 | 16,75 | 1 | 5,6 | 7,2 | 6,4 | | | |
| | 100 | 210 | 1,6 | 14,69 | 1,8 | 5,6 | 7,2 | 6,3 | | | |
| | 120 | 175 | 1,9 | 12,20 | 2,4 | 5,5 | 7,3 | 6,1 | | | |
| | 134 | 156 | 2,0 | 10,89 | 2,9 | 5,4 | 7,4 | 6 | | | |
| | 173 | 121 | 2,1 | 8,48 | 3 | 5 | 7,4 | 5,7 | | | |
| | 193 | 109 | 2,3 | 7,57 | 3 | 4,8 | 7,4 | 5,6 | | | |
| | 214 | 98,3 | 2,6 | 6,86 | 2,9 | 4,8 | 7,4 | 5,5 | | | |
| | 225 | 93,4 | 2,4 | 6,51 | 2,9 | 4,7 | 7,4 | 5,4 | | | |
| | 254 | 82,7 | 2,6 | 5,79 | 2,8 | 4,5 | 7,5 | 5,3 | | | |
| | 283 | 74,3 | 2,1 | 5,18 | 2,7 | 4,2 | 7,5 | 5,1 | | | |
| | 316 | 66,5 | 2,3 | 4,62 | 2,6 | 4,1 | 7,5 | 4,9 | | | |
| | 368 | 57,2 | 2,4 | 3,97 | 2,5 | 3,9 | 7,5 | 4,8 | | | |

# 2,20 kW
# 3,00 kW

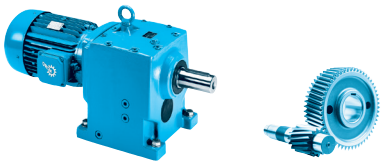
IE3



NORD DRIVESYSTEMS



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2,20** | 109 | 192 | 0,8 | 13,39 | 0,1 | 0,8 | 4,7 | 4,6 | **SK 12 - 100 LP/4** | 38 | C70 |
| | 137 | 153 | 0,9 | 10,70 | 0,1 | 1,3 | 4,8 | 4,6 | | | |
| | 152 | 138 | 1,0 | 9,65 | 0,1 | 2,1 | 4,9 | 4,6 | | | |
| | 171 | 123 | 1,1 | 8,56 | 0,1 | 3 | 4,9 | 4,5 | | | |
| | 187 | 113 | 1,2 | 7,85 | 0,2 | 3 | 5 | 4,4 | | | |
| | 201 | 105 | 1,2 | 7,28 | 0,7 | 3 | 5 | 4,4 | | | |
| | 224 | 93,7 | 1,3 | 6,53 | 0,6 | 2,9 | 5 | 4,3 | | | |
| | 253 | 83,0 | 1,5 | 5,79 | 0,9 | 2,8 | 5 | 4,2 | | | |
| | 297 | 70,7 | 1,6 | 4,93 | 1,3 | 2,8 | 5 | 4,1 | | | |
| | 326 | 64,4 | 1,8 | 4,49 | 1,2 | 2,6 | 5,1 | 4 | | | |
| | 340 | 61,8 | 1,8 | 4,32 | 1,5 | 2,7 | 5,1 | 4 | | | |
| | 368 | 57,0 | 2,0 | 3,98 | 1,4 | 2,6 | 5,1 | 3,9 | | | |
| | 432 | 48,6 | 2,2 | 3,39 | 1,6 | 2,5 | 5,1 | 3,8 | | | |
| | 495 | 42,5 | 2,5 | 2,96 | 1,5 | 2,4 | 5,1 | 3,7 | | | |
| | 304 | 69,1 | 0,8 | 4,82 | 0,1 | 0,3 | 1,9 | 2,6 | **SK 02 - 100 LP/4** | 36 | C68 |
| | 345 | 60,8 | 0,9 | 4,22 | 0,5 | 2,2 | 2 | 2,7 | | | |
| | 376 | 55,9 | 0,9 | 3,89 | 0,4 | 2 | 1,9 | 2,6 | | | |
| | 432 | 48,7 | 1,0 | 3,38 | 0,7 | 2 | 1,9 | 2,6 | | | |
| | 494 | 42,5 | 1,1 | 2,95 | 0,9 | 2 | 1,8 | 2,5 | | | |
| | 541 | 38,8 | 2,0 | 2,71 | - | 3,8 | 2,2 | 5,5 | **SK 21E - 100 LP/4** | 40 | C64 |
| | 605 | 34,7 | 2,1 | 2,42 | - | 3,7 | 2,3 | 5,3 | | | |
| | 703 | 29,9 | 2,3 | 2,08 | - | 3,5 | 2,3 | 5 | | | |
| | 517 | 40,6 | 1,3 | 2,83 | - | 2,5 | 1,5 | 4,2 | **SK 11E - 100 LP/4** | 34 | C63 |
| | 632 | 33,2 | 1,7 | 2,32 | - | 2,3 | 1,6 | 3,9 | | | |
| | 718 | 29,3 | 2,0 | 2,04 | - | 2,2 | 1,6 | 3,7 | | | |
| **3,00** | 1,3 | 22520 | 0,9 | 1148,61 | 86,4 | 120 | 115,4 | 120 | **SK 103/52 - 100 AP/4** | 817 | C89 C91 |
| | 1,5 | 18520 | 1,1 | 943,57 | 91,9 | 120 | 119,2 | 120 | | | |
| | 1,8 | 16050 | 1,2 | 816,55 | 94,7 | 120 | 120 | 120 | | | |
| | 2,3 | 12610 | 1,6 | 642,31 | 97,7 | 120 | 120 | 120 | | | |
| | 3,1 | 9187 | 2,2 | 467,81 | 99,9 | 120 | 120 | 120 | | | |
| | 4,3 | 6693 | 3,0 | 340,13 | 101,1 | 119,7 | 120 | 120 | | | |
| | 4,9 | 5819 | 3,4 | 296,69 | 101,4 | 115,9 | 120 | 120 | | | |
| | 1,8 | 15930 | 0,8 | 813,46 | 51,6 | 80 | 82,9 | 80 | **SK 93/42 - 100 AP/4** | 569 | C87 C91 |
| | 1,9 | 14850 | 0,8 | 756,82 | 53 | 80 | 84,2 | 80 | | | |
| | 2,7 | 10750 | 1,1 | 548,76 | 59,9 | 80 | 88,7 | 80 | | | |
| | 3,2 | 8965 | 1,4 | 457,30 | 62,1 | 80 | 90,2 | 80 | | | |
| | 4,4 | 6532 | 1,9 | 333,02 | 64,3 | 79,4 | 91,7 | 80 | | | |
| | 5,1 | 5650 | 2,2 | 287,83 | 65 | 77,2 | 92,2 | 80 | | | |
| | 6,1 | 4723 | 2,6 | 239,74 | 65,5 | 74,3 | 92,6 | 80 | | | |
| | 2,8 | 10300 | 0,8 | 525,40 | 29,9 | 44,6 | 53,2 | 65 | **SK 83/42 - 100 AP/4** | 390 | C85 C91 |
| | 3,3 | 8593 | 0,9 | 437,84 | 35,3 | 44,8 | 56,4 | 65 | | | |
| | 3,9 | 7348 | 1,1 | 374,99 | 38,3 | 44,5 | 58,3 | 65 | | | |
| | 5,3 | 5416 | 1,5 | 275,58 | 41,7 | 43,3 | 60,6 | 65 | | | |
| | 6,2 | 4631 | 1,7 | 235,92 | 42,7 | 42,6 | 61,3 | 65 | | | |
| | 6,7 | 4248 | 2,1 | 216,61 | 43,2 | 42 | 61,6 | 65 | **SK 83 - 100 AP/4** | 345 | C85 |
| | 11 | 2682 | 2,8 | 136,78 | 44,5 | 38,7 | 62,6 | 65 | | | |
| | 5,2 | 5496 | 0,9 | 279,33 | 20,1 | 20,3 | 34,8 | 50 | **SK 73/22 - 100 AP/4** | 257 | C83 C90 |
| | 6,4 | 4442 | 1,1 | 226,73 | 23,3 | 20,6 | 36,7 | 50 | **SK 73/32 - 100 AP/4** | 268 | C83 C90 |
| | 8,5 | 3357 | 1,5 | 171,23 | 25,6 | 20,7 | 38,2 | 50 | | | |
| | 10 | 2770 | 1,8 | 141,11 | 26,5 | 20,5 | 38,9 | 50 | | | |
| | 7,1 | 4034 | 1,3 | 205,61 | 24,2 | 20,8 | 37,4 | 50 | **SK 73 - 100 AP/4** | 238 | C83 |
| | 8,8 | 3259 | 1,7 | 166,03 | 25,8 | 20,6 | 38,4 | 50 | | | |
| | 12 | 2441 | 2,0 | 124,41 | 26,9 | 20,2 | 39,2 | 50 | | | |
| | 15 | 1971 | 2,0 | 100,46 | 27,4 | 19,7 | 39,5 | 50 | | | |
| | 16 | 1792 | 3,0 | 91,38 | 27,6 | 19,4 | 39,6 | 50 | | | |
| | 20 | 1468 | 3,6 | 74,87 | 27,9 | 18,8 | 39,8 | 50 | | | |



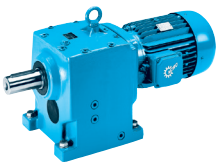
IE3

# 3,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 6,8 | 4207 | 0,9 | 214,10 | 11,7 | 20,9 | 22,9 | 45 | **SK 63 - 100 AP/4** | 157 | C81 |
| | 8,1 | 3549 | 1,0 | 180,57 | 14,8 | 21,2 | 24,6 | 45 | | | |
| | 10 | 2865 | 1,3 | 145,71 | 17 | 21,2 | 26 | 45 | | | |
| | 14 | 2121 | 1,7 | 107,89 | 18,6 | 20,7 | 27,1 | 45 | | | |
| | 17 | 1712 | 1,9 | 87,06 | 19,3 | 20,2 | 27,6 | 44,6 | | | |
| | 19 | 1520 | 2,4 | 77,46 | 19,5 | 19,9 | 27,7 | 43,6 | | | |
| | 23 | 1235 | 3,0 | 62,87 | 19,9 | 19,2 | 28 | 41,5 | | | |
| | 27 | 1056 | 3,5 | 53,82 | 20 | 18,7 | 28,1 | 40 | | | |
| | 29 | 997 | 3,7 | 50,73 | 20,1 | 18,5 | 28,1 | 39,5 | | | |
| | 34 | 853 | 4,3 | 43,43 | 20,2 | 17,9 | 28,2 | 38 | | | |
| | 10 | 2736 | 0,8 | 139,34 | 7,5 | 23,8 | 15,8 | 40 | **SK 53 - 100 AP/4** | 121 | C79 |
| | 14 | 2075 | 1,1 | 105,87 | 10,9 | 23,8 | 17,6 | 40 | | | |
| | 15 | 1872 | 1,2 | 95,49 | 11,6 | 23,8 | 18,1 | 40 | | | |
| | 18 | 1564 | 1,2 | 79,69 | 12,5 | 23,8 | 18,6 | 40 | | | |
| | 22 | 1281 | 1,5 | 65,35 | 13,1 | 23,8 | 19 | 40 | | | |
| | 25 | 1156 | 1,7 | 58,94 | 13,3 | 23,8 | 19,2 | 40 | | | |
| | 17 | 1705 | 1,0 | 86,92 | 12,1 | 23,8 | 18,4 | 40 | **SK 52 - 100 AP/4** | 102 | C78 |
| | 19 | 1541 | 1,0 | 78,56 | 12,5 | 23,8 | 18,7 | 40 | | | |
| | 20 | 1402 | 1,1 | 71,39 | 12,8 | 23,8 | 18,9 | 40 | | | |
| | 25 | 1168 | 1,6 | 59,54 | 13,3 | 23,8 | 19,2 | 40 | | | |
| | 27 | 1055 | 1,8 | 53,81 | 13,5 | 23,8 | 19,3 | 40 | | | |
| | 30 | 961 | 2,0 | 48,90 | 13,6 | 23,8 | 19,4 | 40 | | | |
| | 38 | 755 | 2,2 | 38,45 | 13,9 | 23,8 | 19,6 | 40 | | | |
| | 41 | 706 | 2,0 | 36,03 | 13,9 | 23,8 | 19,6 | 39,8 | | | |
| | 45 | 630 | 2,2 | 32,09 | 14 | 23,8 | 19,7 | 38,4 | | | |
| | 55 | 519 | 3,6 | 26,46 | 14,1 | 23,8 | 19,7 | 36,7 | | | |
| | 61 | 469 | 4,1 | 23,92 | 14,1 | 23,8 | 19,8 | 35,7 | | | |
| | 18 | 1570 | 0,8 | 79,96 | 0,2 | 3,2 | 8,4 | 7,3 | **SK 43 - 100 AP/4** | 88 | C77 |
| | 21 | 1376 | 0,9 | 70,12 | 2,5 | 12 | 9,2 | 7,7 | | | |
| | 25 | 1142 | 1,0 | 58,27 | 5,7 | 12 | 10 | 8 | | | |
| | 24 | 1190 | 0,8 | 60,66 | 5,8 | 12 | 9,9 | 8,2 | **SK 42 - 100 AP/4** | 73 | C76 |
| | 29 | 1001 | 1,1 | 50,98 | 6,7 | 12 | 10,4 | 8,6 | | | |
| | 35 | 810 | 1,5 | 41,29 | 6,8 | 12 | 10,8 | 8,6 | | | |
| | 41 | 692 | 1,8 | 35,25 | 6,6 | 12 | 11 | 8,5 | | | |
| | 48 | 598 | 1,8 | 30,46 | 6,6 | 12 | 11,2 | 8,7 | | | |
| | 50 | 575 | 1,8 | 29,29 | 6,4 | 12 | 11,2 | 8,4 | | | |
| | 59 | 484 | 1,8 | 24,67 | 6,3 | 12 | 11,3 | 8,4 | | | |
| | 60 | 479 | 1,8 | 24,41 | 6,2 | 11,7 | 11,3 | 8,3 | | | |
| | 67 | 429 | 2,6 | 21,87 | 6,2 | 11,8 | 11,4 | 8,4 | | | |
| | 83 | 347 | 3,4 | 17,71 | 6 | 11,2 | 11,4 | 8,1 | | | |
| | 97 | 296 | 4,2 | 15,12 | 5,7 | 10,7 | 11,5 | 7,9 | | | |
| | 48 | 597 | 1,1 | 30,43 | 2,4 | 8,2 | 8,9 | 9,3 | **SK 32 - 100 AP/4** | 58 | C74 |
| | 54 | 535 | 1,1 | 27,24 | 3,1 | 8,1 | 9 | 9,2 | | | |
| | 63 | 453 | 1,4 | 23,12 | 4,3 | 8,2 | 9,1 | 9,1 | | | |
| | 71 | 406 | 1,6 | 20,70 | 4,2 | 8,1 | 9,2 | 9 | | | |
| | 78 | 366 | 1,7 | 18,67 | 4,2 | 8 | 9,3 | 8,9 | | | |
| | 88 | 327 | 1,6 | 16,66 | 4,1 | 7,7 | 9,3 | 8,7 | | | |
| | 90 | 319 | 2,0 | 16,25 | 4,1 | 7,8 | 9,3 | 8,8 | | | |
| | 97 | 295 | 1,7 | 15,03 | 4 | 7,6 | 9,3 | 8,6 | | | |
| | 101 | 285 | 2,4 | 14,55 | 4,1 | 7,7 | 9,4 | 8,6 | | | |
| | 125 | 229 | 3,1 | 11,71 | 3,8 | 7,2 | 9,4 | 8,2 | | | |
| | 149 | 192 | 3,4 | 9,80 | 3,7 | 6,9 | 9,4 | 7,9 | | | |
| | 175 | 164 | 3,6 | 8,36 | 3,6 | 6,6 | 9,4 | 7,7 | | | |
| | 185 | 155 | 4,2 | 7,90 | 3,5 | 6,5 | 9,4 | 7,6 | | | |
| | 207 | 138 | 3,2 | 7,05 | 3,4 | 6,1 | 9,4 | 7,3 | | | |
| | 217 | 132 | 4,6 | 6,74 | 3,4 | 6,2 | 9,4 | 7,3 | | | |
| | 257 | 112 | 5,4 | 5,70 | 3,2 | 5,9 | 9,4 | 7,1 | | | |
| | 266 | 108 | 4,2 | 5,50 | 3,2 | 5,7 | 9,4 | 6,9 | | | |
| | 276 | 104 | 6,2 | 5,28 | 3,2 | 5,8 | 9,4 | 7 | | | |
| | 330 | 86,8 | 5,3 | 4,43 | 3 | 5,4 | 9,4 | 6,6 | | | |
| | 390 | 73,5 | 6,2 | 3,75 | 2,9 | 5,1 | 9,4 | 6,3 | | | |
| | 492 | 58,2 | 7,5 | 2,96 | 2,7 | 4,7 | 9,4 | 6 | | | |
| | 87 | 329 | 1,0 | 16,75 | 0,1 | 0,7 | 6,9 | 5,7 | **SK 22 - 100 AP/4** | 47 | C72 |
| | 100 | 288 | 1,2 | 14,69 | 0,2 | 1,5 | 7 | 5,7 | | | |
| | 120 | 239 | 1,4 | 12,20 | 0,3 | 3,1 | 7,2 | 5,6 | | | |
| | 134 | 214 | 1,5 | 10,89 | 0,4 | 4,6 | 7,2 | 5,5 | | | |
| | 173 | 166 | 1,6 | 8,48 | 1,1 | 4,4 | 7,3 | 5,3 | | | |
| | 193 | 149 | 1,7 | 7,57 | 1,6 | 4,3 | 7,4 | 5,2 | | | |

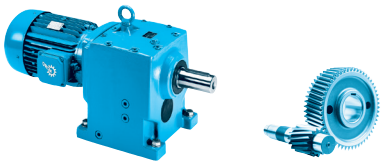
# 3,00 kW
# 4,00 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 213 | 135 | 1,9 | 6,86 | 2,2 | 4,3 | 7,4 | 5,2 | **SK 22 - 100 AP/4** | 47 | C72 |
| | 224 | 128 | 1,8 | 6,51 | 2,1 | 4,2 | 7,4 | 5,1 | | | |
| | 253 | 113 | 1,9 | 5,79 | 2,5 | 4,1 | 7,4 | 5 | | | |
| | 282 | 102 | 1,6 | 5,18 | 2,1 | 3,9 | 7,4 | 4,8 | | | |
| | 315 | 91,0 | 1,6 | 4,62 | 2,4 | 3,8 | 7,5 | 4,7 | | | |
| | 366 | 78,2 | 1,8 | 3,97 | 2,4 | 3,7 | 7,5 | 4,6 | | | |
| | 413 | 69,3 | 1,9 | 3,53 | 2,3 | 3,5 | 7,5 | 4,5 | | | |
| | 522 | 54,9 | 2,1 | 2,79 | 2,2 | 3,3 | 7,4 | 4,3 | | | |
| | 171 | 168 | 0,8 | 8,56 | 0,1 | 0,2 | 4,8 | 4,1 | **SK 12 - 100 AP/4** | 38 | C70 |
| | 186 | 154 | 0,9 | 7,85 | 0,1 | 0,7 | 4,8 | 4 | | | |
| | 200 | 143 | 0,9 | 7,28 | 0,1 | 0,9 | 4,9 | 4 | | | |
| | 223 | 128 | 1,0 | 6,53 | 0,2 | 1,3 | 4,9 | 3,9 | | | |
| | 252 | 114 | 1,1 | 5,79 | 0,2 | 1,5 | 4,9 | 3,9 | | | |
| | 296 | 96,8 | 1,2 | 4,93 | 0,2 | 1,5 | 5 | 3,8 | | | |
| | 325 | 88,1 | 1,3 | 4,49 | 0,3 | 1,7 | 5 | 3,7 | | | |
| | 339 | 84,5 | 1,3 | 4,32 | 0,3 | 2,3 | 5 | 3,8 | | | |
| | 367 | 78,0 | 1,5 | 3,98 | 0,2 | 2,2 | 5 | 3,6 | | | |
| | 430 | 66,6 | 1,6 | 3,39 | 0,6 | 2,2 | 5,1 | 3,6 | | | |
| | 493 | 58,1 | 1,8 | 2,96 | 0,9 | 2,2 | 5,1 | 3,5 | | | |
| | 567 | 50,6 | 3,7 | 2,58 | - | 4,3 | 3,4 | 6,2 | **SK 31E - 100 AP/4** | 45 | C65 |
| | 703 | 40,8 | 4,0 | 2,08 | - | 4 | 3,4 | 5,7 | | | |
| | 539 | 53,1 | 1,4 | 2,71 | - | 3,6 | 1,9 | 5,3 | **SK 21E - 100 AP/4** | 40 | C64 |
| | 603 | 47,5 | 1,5 | 2,42 | - | 3,5 | 2 | 5 | | | |
| | 701 | 40,9 | 1,7 | 2,08 | - | 3,3 | 2,1 | 4,8 | | | |
| | 791 | 36,2 | 1,8 | 1,85 | - | 3,1 | 2,2 | 4,6 | | | |
| | 515 | 55,6 | 1,0 | 2,83 | - | 2,1 | 1,2 | 3,9 | **SK 11E - 100 AP/4** | 34 | C63 |
| | 630 | 45,5 | 1,2 | 2,32 | - | 2 | 1,4 | 3,6 | | | |
| | 715 | 40,1 | 1,4 | 2,04 | - | 2 | 1,5 | 3,5 | | | |
| 4,00 | 1,5 | 25040 | 0,8 | 943,57 | 83,3 | 120 | 113,3 | 120 | **SK 103/52 - 112 MP/4** | 824 | C89 C91 |
| | 1,8 | 21690 | 0,9 | 816,55 | 88,5 | 120 | 116,8 | 120 | | | |
| | 2,2 | 17040 | 1,2 | 642,31 | 94,1 | 120 | 120 | 120 | | | |
| | 3,1 | 12420 | 1,6 | 467,81 | 98,1 | 120 | 120 | 120 | | | |
| | 4,2 | 9048 | 2,2 | 340,13 | 100,2 | 115,9 | 120 | 120 | | | |
| | 4,9 | 7867 | 2,5 | 296,69 | 100,7 | 112,4 | 120 | 120 | | | |
| | 5,9 | 6490 | 3,1 | 244,77 | 101,3 | 107,7 | 120 | 120 | | | |
| | 7,8 | 4901 | 4,1 | 184,62 | 101,8 | 100,7 | 120 | 120 | | | |
| | 2,6 | 14530 | 0,8 | 548,76 | 54,3 | 79,8 | 85 | 80 | **SK 93/42 - 112 MP/4** | 576 | C87 C91 |
| | 3,2 | 12120 | 1,0 | 457,30 | 58,4 | 78,6 | 87,7 | 80 | | | |
| | 4,3 | 8830 | 1,4 | 333,02 | 62,5 | 75,3 | 90,4 | 80 | | | |
| | 5,0 | 7639 | 1,6 | 287,83 | 63,6 | 73,6 | 91,2 | 80 | | | |
| | 6,0 | 6384 | 1,9 | 239,74 | 64,6 | 71,3 | 91,9 | 80 | | | |
| | 7,9 | 4828 | 2,5 | 181,16 | 65,5 | 67,2 | 92,6 | 80 | | | |
| | 3,8 | 9934 | 0,8 | 374,99 | 32 | 39,3 | 54,4 | 65 | **SK 83/42 - 112 MP/4** | 398 | C85 C91 |
| | 5,2 | 7321 | 1,1 | 275,58 | 38,8 | 39,5 | 58,6 | 65 | | | |
| | 6,1 | 6261 | 1,3 | 235,92 | 40,6 | 39,2 | 59,9 | 65 | | | |
| | 7,2 | 5334 | 1,5 | 200,37 | 42 | 38,7 | 60,8 | 65 | | | |
| | 9,7 | 3953 | 2,0 | 148,94 | 43,6 | 37,3 | 61,9 | 65 | | | |
| | 6,7 | 5743 | 1,5 | 216,61 | 41,4 | 38,9 | 60,4 | 65 | **SK 83 - 112 MP/4** | 352 | C85 |
| | 11 | 3625 | 2,0 | 136,78 | 43,9 | 36,8 | 62,1 | 65 | | | |
| | 6,4 | 6005 | 0,8 | 226,73 | 18,6 | 17,3 | 34 | 50 | **SK 73/32 - 112 MP/4** | 276 | C83 C90 |
| | 7,0 | 5454 | 1,0 | 205,61 | 20,7 | 17,7 | 35,2 | 50 | **SK 73 - 112 MP/4** | 246 | C83 |
| | 8,7 | 4405 | 1,3 | 166,03 | 23,6 | 18,1 | 37 | 50 | | | |
| | 12 | 3299 | 1,5 | 124,41 | 25,8 | 18,3 | 38,4 | 50 | | | |
| | 14 | 2665 | 1,5 | 100,46 | 26,7 | 18,2 | 39 | 50 | | | |
| | 16 | 2423 | 2,2 | 91,38 | 27 | 18 | 39,2 | 50 | | | |
| | 19 | 1984 | 2,7 | 74,87 | 27,5 | 17,7 | 39,5 | 49,8 | | | |
| | 8,0 | 4797 | 0,8 | 180,57 | 8,4 | 17,8 | 21,4 | 45 | **SK 63 - 112 MP/4** | 164 | C81 |
| | 9,9 | 3873 | 1,0 | 145,71 | 13,8 | 18,4 | 24,1 | 45 | | | |
| | 11 | 3522 | 1,1 | 132,54 | 15,2 | 18,6 | 24,9 | 45 | | | |
| | 13 | 2867 | 1,3 | 107,89 | 17,1 | 18,7 | 26,1 | 44,1 | | | |
| | 17 | 2315 | 1,4 | 87,06 | 18,4 | 18,6 | 26,9 | 42,5 | | | |
| | 19 | 2055 | 1,8 | 77,46 | 18,8 | 18,4 | 27,2 | 41,7 | | | |



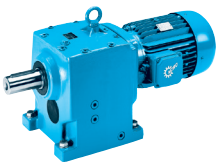
IE3

# 4,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,00 | 23 | 1670 | 2,2 | 62,87 | 19,4 | 18 | 27,6 | 40 | **SK 63 - 112 MP/4** | 164 | C81 |
| | 27 | 1428 | 2,6 | 53,82 | 19,7 | 17,6 | 27,8 | 38,8 | | | |
| | 28 | 1348 | 2,7 | 50,73 | 19,8 | 17,5 | 27,9 | 38,3 | | | |
| | 33 | 1153 | 3,2 | 43,43 | 20 | 17,1 | 28 | 37 | | | |
| | 40 | 959 | 3,8 | 36,11 | 20,1 | 16,5 | 28,1 | 35,4 | | | |
| | 47 | 820 | 4,4 | 30,91 | 20,2 | 16 | 28,2 | 34,2 | | | |
| | 30 | 1293 | 1,9 | 48,73 | 19,8 | 17,5 | 27,9 | 38 | **SK 62 - 112 MP/4** | 166 | C80 |
| | 14 | 2806 | 0,8 | 105,87 | 7,5 | 23,8 | 15,7 | 40 | **SK 53 - 112 MP/4** | 128 | C79 |
| | 15 | 2531 | 0,9 | 95,49 | 9,1 | 23,8 | 16,6 | 40 | | | |
| | 18 | 2114 | 0,9 | 79,69 | 10,9 | 23,8 | 17,6 | 40 | | | |
| | 22 | 1732 | 1,1 | 65,35 | 12,1 | 23,8 | 18,4 | 40 | | | |
| | 24 | 1563 | 1,2 | 58,94 | 12,6 | 23,8 | 18,7 | 40 | | | |
| | 18 | 2083 | 0,8 | 78,56 | 11,1 | 23,8 | 17,7 | 40 | **SK 52 - 112 MP/4** | 110 | C78 |
| | 20 | 1896 | 0,8 | 71,39 | 11,7 | 23,8 | 18,1 | 40 | | | |
| | 24 | 1578 | 1,2 | 59,54 | 12,5 | 23,8 | 18,7 | 40 | | | |
| | 27 | 1427 | 1,3 | 53,81 | 12,9 | 23,8 | 18,9 | 40 | | | |
| | 29 | 1298 | 1,5 | 48,90 | 13,1 | 23,8 | 19,1 | 40 | | | |
| | 36 | 1070 | 1,8 | 40,37 | 13,5 | 23,8 | 19,3 | 39,9 | | | |
| | 37 | 1020 | 1,6 | 38,45 | 13,6 | 23,8 | 19,4 | 39,3 | | | |
| | 39 | 974 | 2,0 | 36,69 | 13,6 | 23,8 | 19,4 | 39 | | | |
| | 40 | 955 | 1,5 | 36,03 | 13,6 | 23,8 | 19,4 | 38,9 | | | |
| | 44 | 863 | 1,5 | 32,56 | 13,8 | 23,8 | 19,5 | 37,9 | | | |
| | 45 | 852 | 1,6 | 32,09 | 13,8 | 23,8 | 19,5 | 37,5 | | | |
| | 50 | 765 | 2,6 | 28,85 | 13,9 | 23,8 | 19,6 | 36,6 | | | |
| | 54 | 701 | 2,7 | 26,46 | 13,9 | 23,8 | 19,6 | 36 | | | |
| | 60 | 634 | 3,0 | 23,92 | 14 | 23,8 | 19,7 | 35,1 | | | |
| | 25 | 1544 | 0,8 | 58,27 | 0,2 | 1,7 | 8,7 | 6 | **SK 43 - 112 MP/4** | 96 | C77 |
| | 30 | 1288 | 0,8 | 48,56 | 0,9 | 4,1 | 9,6 | 6,3 | | | |
| | 35 | 1085 | 1,0 | 40,98 | 4,8 | 10 | 10,2 | 7,1 | | | |
| | 28 | 1353 | 0,8 | 50,98 | 1,9 | 9,9 | 9,4 | 6,9 | **SK 42 - 112 MP/4** | 80 | C76 |
| | 35 | 1095 | 1,1 | 41,29 | 5,1 | 10,2 | 10,2 | 7,2 | | | |
| | 41 | 935 | 1,3 | 35,25 | 5,8 | 10,3 | 10,6 | 7,3 | | | |
| | 47 | 808 | 1,3 | 30,46 | 5,9 | 10,7 | 10,9 | 7,7 | | | |
| | 49 | 777 | 1,3 | 29,29 | 5,8 | 10,3 | 10,9 | 7,4 | | | |
| | 56 | 687 | 1,8 | 25,88 | 5,8 | 10,4 | 11,1 | 7,6 | | | |
| | 58 | 655 | 1,4 | 24,67 | 5,8 | 10,4 | 11,1 | 7,6 | | | |
| | 59 | 648 | 1,3 | 24,41 | 5,6 | 10 | 11,1 | 7,4 | | | |
| | 66 | 579 | 1,9 | 21,87 | 5,8 | 10,5 | 11,2 | 7,7 | | | |
| | 67 | 570 | 2,0 | 21,50 | 5,7 | 10,1 | 11,2 | 7,5 | | | |
| | 80 | 476 | 2,1 | 17,92 | 5,5 | 9,8 | 11,3 | 7,3 | | | |
| | 81 | 469 | 2,5 | 17,71 | 5,6 | 10,1 | 11,3 | 7,5 | | | |
| | 95 | 401 | 3,1 | 15,12 | 5,4 | 9,7 | 11,4 | 7,4 | | | |
| | 100 | 381 | 3,0 | 14,38 | 5,4 | 9,7 | 11,4 | 7,4 | | | |
| | 117 | 326 | 3,7 | 12,28 | 5,2 | 9,3 | 11,5 | 7,2 | | | |
| | 47 | 808 | 0,8 | 30,43 | 0,1 | 0,7 | 8,4 | 8,1 | **SK 32 - 112 MP/4** | 66 | C74 |
| | 53 | 723 | 0,8 | 27,24 | 0,3 | 2,1 | 8,6 | 8,1 | | | |
| | 62 | 613 | 1,0 | 23,12 | 0,8 | 6,6 | 8,9 | 8,2 | | | |
| | 70 | 548 | 1,2 | 20,70 | 1,6 | 6,6 | 9 | 8,2 | | | |
| | 77 | 495 | 1,3 | 18,67 | 2,4 | 6,6 | 9,1 | 8,1 | | | |
| | 87 | 441 | 1,2 | 16,66 | 2,6 | 6,5 | 9,2 | 8 | | | |
| | 89 | 431 | 1,5 | 16,25 | 3,5 | 6,7 | 9,2 | 8,1 | | | |
| | 96 | 398 | 1,3 | 15,03 | 3,3 | 6,5 | 9,2 | 7,9 | | | |
| | 99 | 385 | 1,7 | 14,55 | 3,7 | 6,6 | 9,2 | 8 | | | |
| | 123 | 310 | 2,3 | 11,71 | 3,6 | 6,4 | 9,3 | 7,7 | | | |
| | 147 | 260 | 2,5 | 9,80 | 3,4 | 6,1 | 9,4 | 7,5 | | | |
| | 173 | 221 | 2,7 | 8,36 | 3,3 | 5,9 | 9,4 | 7,3 | | | |
| | 182 | 209 | 3,1 | 7,90 | 3,3 | 5,9 | 9,4 | 7,2 | | | |
| | 204 | 187 | 2,4 | 7,05 | 3,2 | 5,5 | 9,4 | 6,9 | | | |
| | 214 | 178 | 3,4 | 6,74 | 3,2 | 5,7 | 9,4 | 7 | | | |
| | 253 | 151 | 4,0 | 5,70 | 3,1 | 5,5 | 9,4 | 6,8 | | | |
| | 262 | 146 | 3,1 | 5,50 | 3 | 5,3 | 9,4 | 6,6 | | | |
| | 272 | 140 | 4,6 | 5,28 | 3,1 | 5,4 | 9,4 | 6,7 | | | |
| | 325 | 117 | 3,9 | 4,43 | 2,9 | 5 | 9,4 | 6,4 | | | |
| | 384 | 99,4 | 4,6 | 3,75 | 2,8 | 4,8 | 9,4 | 6,1 | | | |
| | 485 | 78,7 | 5,5 | 2,96 | 2,6 | 4,5 | 9,4 | 5,8 | | | |

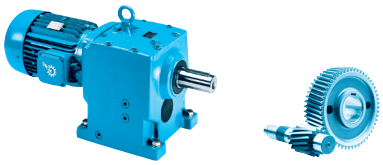
# 4,00 kW
# 5,50 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4,00** | 86 | 444 | 0,8 | 16,75 | 0,1 | 0,5 | 6,3 | 4,8 | **SK 22 - 112 MP/4** | 54 | C72 |
| | 98 | 389 | 0,9 | 14,69 | 0,1 | 0,8 | 6,6 | 4,9 | | | |
| | 118 | 323 | 1,0 | 12,20 | 0,2 | 1,2 | 6,9 | 4,9 | | | |
| | 132 | 289 | 1,1 | 10,89 | 0,2 | 1,3 | 7 | 5 | | | |
| | 170 | 225 | 1,2 | 8,48 | 0,3 | 1,6 | 7,2 | 4,8 | | | |
| | 190 | 201 | 1,2 | 7,57 | 0,3 | 2,2 | 7,3 | 4,8 | | | |
| | 210 | 182 | 1,4 | 6,86 | 0,2 | 3,7 | 7,3 | 4,8 | | | |
| | 221 | 173 | 1,3 | 6,51 | 0,2 | 3,6 | 7,3 | 4,8 | | | |
| | 250 | 153 | 1,4 | 5,79 | 0,8 | 3,6 | 7,4 | 4,7 | | | |
| | 278 | 137 | 1,2 | 5,18 | 0,4 | 3,3 | 7,4 | 4,5 | | | |
| | 311 | 123 | 1,2 | 4,62 | 0,9 | 3,3 | 7,4 | 4,4 | | | |
| | 361 | 106 | 1,3 | 3,97 | 1,4 | 3,3 | 7,4 | 4,3 | | | |
| | 408 | 93,7 | 1,4 | 3,53 | 1,7 | 3,2 | 7,5 | 4,3 | | | |
| | 515 | 74,2 | 1,6 | 2,79 | 2,1 | 3 | 7,1 | 4,1 | | | |
| | 249 | 153 | 0,8 | 5,79 | 0,2 | 1,5 | 4,8 | 3,5 | **SK 12 - 112 MP/4** | 46 | C70 |
| | 292 | 131 | 0,9 | 4,93 | 0,2 | 1,5 | 4,9 | 3,5 | | | |
| | 321 | 119 | 1,0 | 4,49 | 0,3 | 1,7 | 4,9 | 3,3 | | | |
| | 334 | 114 | 1,0 | 4,32 | 0,5 | 1,8 | 5 | 3,5 | | | |
| | 362 | 105 | 1,1 | 3,98 | 0,5 | 1,8 | 5 | 3,3 | | | |
| | 425 | 90,0 | 1,2 | 3,39 | 0,5 | 1,8 | 5 | 3,3 | | | |
| | 486 | 78,6 | 1,3 | 2,96 | 0,5 | 1,8 | 5 | 3,3 | | | |
| | 559 | 68,4 | 2,7 | 2,58 | - | 4 | 3,2 | 6 | **SK 31E - 112 MP/4** | 52 | C65 |
| | 693 | 55,1 | 3,0 | 2,08 | - | 3,8 | 3,3 | 5,5 | | | |
| | 532 | 71,8 | 1,1 | 2,71 | - | 3,3 | 1,6 | 4,9 | **SK 21E - 112 MP/4** | 48 | C64 |
| | 594 | 64,3 | 1,1 | 2,42 | - | 3,2 | 1,8 | 4,7 | | | |
| | 691 | 55,3 | 1,2 | 2,08 | - | 3 | 1,9 | 4,5 | | | |
| | 780 | 49,0 | 1,3 | 1,85 | - | 2,9 | 2 | 4,3 | | | |
| | 621 | 61,5 | 0,9 | 2,32 | - | 1,7 | 1,1 | 3,3 | **SK 11E - 112 MP/4** | 42 | C63 |
| | 705 | 54,2 | 1,1 | 2,04 | - | 1,7 | 1,2 | 3,2 | | | |
| | 797 | 48,0 | 1,1 | 1,81 | - | 1,6 | 1,3 | 3,1 | | | |
| **5,50** | 2,3 | 23040 | 0,9 | 642,31 | 86,4 | 120 | 115,4 | 120 | **SK 103/52 - 132 SP/4** | 844 | C89 C91 |
| | 3,1 | 16780 | 1,2 | 467,81 | 94,3 | 115,9 | 120 | 120 | | | |
| | 4,3 | 12230 | 1,6 | 340,13 | 98,2 | 110,1 | 120 | 120 | | | |
| | 4,9 | 10630 | 1,9 | 296,69 | 99,2 | 107,5 | 120 | 120 | | | |
| | 6,0 | 8771 | 2,3 | 244,77 | 100,3 | 103,4 | 120 | 120 | | | |
| | 7,1 | 7434 | 3,1 | 207,47 | 100,9 | 100 | 120 | 120 | **SK 103 - 132 SP/4** | 770 | C89 |
| | 4,4 | 11930 | 1,0 | 333,02 | 58,6 | 69,3 | 87,8 | 80 | **SK 93/42 - 132 SP/4** | 596 | C87 C91 |
| | 5,1 | 10320 | 1,2 | 287,83 | 60,8 | 68,3 | 89,3 | 80 | | | |
| | 6,1 | 8629 | 1,4 | 239,74 | 62,7 | 66,8 | 90,6 | 80 | | | |
| | 7,8 | 6740 | 2,1 | 187,89 | 64,3 | 64,3 | 91,7 | 80 | **SK 93 - 132 SP/4** | 551 | C87 |
| | 13 | 3917 | 3,0 | 109,14 | 65,9 | 57,9 | 92,9 | 80 | | | |
| | 16 | 3350 | 4,2 | 93,34 | 66,2 | 55,9 | 93 | 80 | | | |
| | 5,3 | 9895 | 0,8 | 275,58 | 32,1 | 33,9 | 54,5 | 65 | **SK 83/42 - 132 SP/4** | 417 | C85 C91 |
| | 6,2 | 8462 | 0,9 | 235,92 | 36,2 | 34,4 | 56,9 | 65 | | | |
| | 7,3 | 7209 | 1,1 | 200,37 | 39 | 34,5 | 58,8 | 65 | | | |
| | 9,8 | 5342 | 1,5 | 148,94 | 42 | 34,1 | 60,8 | 65 | | | |
| | 12 | 4551 | 1,8 | 126,50 | 43 | 33,7 | 61,5 | 65 | | | |
| | 6,8 | 7761 | 1,1 | 216,61 | 37,8 | 34,5 | 58 | 65 | **SK 83 - 132 SP/4** | 372 | C85 |
| | 8,9 | 5904 | 1,5 | 164,70 | 41,2 | 34,4 | 60,2 | 65 | | | |
| | 11 | 4900 | 1,5 | 136,78 | 42,5 | 33,9 | 61,2 | 65 | | | |
| | 14 | 3727 | 2,5 | 104,00 | 43,8 | 32,8 | 62 | 65 | | | |
| | 18 | 2891 | 3,1 | 80,62 | 44,4 | 31,7 | 62,5 | 65 | | | |
| | 21 | 2516 | 3,6 | 70,24 | 44,7 | 30,9 | 62,7 | 65 | | | |
| | 8,6 | 6134 | 0,8 | 171,23 | 18 | 14,3 | 33,7 | 50 | **SK 73/32 - 132 SP/4** | 295 | C83 C91 |
| | 8,8 | 5954 | 0,9 | 166,03 | 18,8 | 14,4 | 34,1 | 50 | **SK 73 - 132 SP/4** | 265 | C83 |
| | 12 | 4465 | 1,3 | 124,57 | 23,5 | 15,5 | 36,9 | 50 | | | |
| | 15 | 3602 | 1,1 | 100,46 | 25,3 | 15,9 | 38 | 49,8 | | | |
| | 16 | 3274 | 1,6 | 91,38 | 25,8 | 16 | 38,4 | 49 | | | |
| | 20 | 2682 | 2,0 | 74,87 | 26,7 | 16 | 39 | 47,4 | | | |
| | 24 | 2166 | 2,6 | 60,46 | 27,3 | 15,8 | 39,4 | 45,5 | | | |
| | 28 | 1874 | 3,0 | 52,24 | 27,6 | 15,6 | 39,6 | 44,1 | | | |



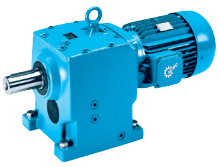
IE3

# 5,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,50 | 11 | 4760 | 0,8 | 132,54 | 8,5 | 15 | 21,5 | 40,8 | **SK 63 - 132 SP/4** | 184 | C81 |
| | 14 | 3843 | 1,0 | 106,95 | 13,9 | 15,8 | 24,1 | 40,3 | | | |
| | 17 | 3128 | 1,0 | 87,06 | 16,4 | 16,2 | 25,6 | 39,5 | | | |
| | 19 | 2778 | 1,3 | 77,46 | 17,3 | 16,3 | 26,2 | 39 | | | |
| | 23 | 2257 | 1,6 | 62,87 | 18,5 | 16,3 | 27 | 37,8 | | | |
| | 27 | 1930 | 1,9 | 53,82 | 19 | 16,2 | 27,4 | 36,8 | | | |
| | 29 | 1822 | 2,0 | 50,73 | 19,2 | 16,1 | 27,5 | 36,5 | | | |
| | 34 | 1558 | 2,4 | 43,43 | 19,5 | 15,9 | 27,7 | 35,4 | | | |
| | 41 | 1296 | 2,8 | 36,11 | 19,8 | 15,5 | 27,9 | 34,2 | | | |
| | 47 | 1108 | 3,2 | 30,91 | 20 | 15,1 | 28 | 33 | | | |
| | 56 | 944 | 3,4 | 26,28 | 20,1 | 14,7 | 28,1 | 31,8 | | | |
| | 30 | 1748 | 1,4 | 48,73 | 19,3 | 16,1 | 27,5 | 36,3 | **SK 62 - 132 SP/4** | 186 | C80 |
| | 40 | 1329 | 2,3 | 37,05 | 19,8 | 15,6 | 27,9 | 34,4 | | | |
| | 25 | 2133 | 0,9 | 59,54 | 10,8 | 23,8 | 17,6 | 40 | **SK 52 - 132 SP/4** | 129 | C78 |
| | 27 | 1928 | 1,0 | 53,81 | 11,5 | 23,8 | 18 | 40 | | | |
| | 30 | 1755 | 1,1 | 48,90 | 12,1 | 23,8 | 18,4 | 39,9 | | | |
| | 36 | 1446 | 1,3 | 40,37 | 12,8 | 23,8 | 18,9 | 38,5 | | | |
| | 38 | 1379 | 1,2 | 38,45 | 12,9 | 23,8 | 19 | 37,7 | | | |
| | 40 | 1316 | 1,5 | 36,69 | 13,1 | 23,8 | 19 | 37,6 | | | |
| | 41 | 1291 | 1,1 | 36,03 | 13,1 | 23,8 | 19,1 | 37,6 | | | |
| | 45 | 1167 | 1,1 | 32,56 | 13,3 | 23,8 | 19,2 | 36,7 | | | |
| | 46 | 1152 | 1,2 | 32,09 | 13,4 | 23,8 | 19,2 | 36,1 | | | |
| | 51 | 1034 | 2,0 | 28,85 | 13,5 | 23,8 | 19,4 | 35,5 | | | |
| | 55 | 948 | 2,0 | 26,46 | 13,7 | 23,8 | 19,5 | 35 | | | |
| | 61 | 857 | 2,2 | 23,92 | 13,8 | 23,8 | 19,5 | 34,1 | | | |
| | 68 | 776 | 2,4 | 21,68 | 13,8 | 23,8 | 19,6 | 33,4 | | | |
| | 75 | 702 | 2,7 | 19,60 | 13,4 | 23,8 | 19,6 | 32,5 | | | |
| | 82 | 639 | 3,0 | 17,81 | 13 | 23,8 | 19,7 | 31,8 | | | |
| | 35 | 1480 | 0,8 | 41,29 | 0,9 | 0,5 | 8,9 | 5,1 | **SK 42 - 132 SP/4** | 100 | C76 |
| | 42 | 1264 | 1,0 | 35,25 | 1 | 0,6 | 9,7 | 5,5 | | | |
| | 48 | 1092 | 1,0 | 30,46 | 3 | 8 | 10,2 | 6,2 | | | |
| | 50 | 1050 | 1,0 | 29,29 | 2 | 7,5 | 10,3 | 5,9 | | | |
| | 57 | 928 | 1,3 | 25,88 | 4,4 | 8 | 10,6 | 6,2 | | | |
| | 59 | 885 | 1,0 | 24,67 | 5 | 8,2 | 10,7 | 6,4 | | | |
| | 60 | 875 | 1,0 | 24,41 | 4 | 7,7 | 10,7 | 6,1 | | | |
| | 67 | 783 | 1,4 | 21,87 | 5,1 | 8,5 | 10,9 | 6,6 | | | |
| | 68 | 771 | 1,5 | 21,50 | 4,9 | 8,2 | 10,9 | 6,4 | | | |
| | 82 | 643 | 1,6 | 17,92 | 4,8 | 8,1 | 11,1 | 6,4 | | | |
| | 83 | 634 | 1,9 | 17,71 | 5 | 8,4 | 11,1 | 6,6 | | | |
| | 97 | 542 | 2,3 | 15,12 | 4,9 | 8,3 | 11,3 | 6,6 | | | |
| | 102 | 515 | 2,2 | 14,38 | 4,9 | 8,4 | 11,3 | 6,6 | | | |
| | 119 | 440 | 2,7 | 12,28 | 4,8 | 8,2 | 11,4 | 6,6 | | | |
| | 144 | 365 | 3,2 | 10,20 | 4,7 | 7,9 | 11,4 | 6,4 | | | |
| | 172 | 305 | 3,5 | 8,50 | 4,5 | 7,5 | 11,5 | 6,2 | | | |
| | 202 | 261 | 4,1 | 7,28 | 4,3 | 7,3 | 11,5 | 6,1 | | | |
| | 63 | 828 | 0,8 | 23,12 | 0,1 | 0,7 | 8,3 | 6,9 | **SK 32 - 132 SP/4** | 85 | C74 |
| | 71 | 741 | 0,9 | 20,70 | 0,2 | 0,7 | 8,6 | 6,9 | | | |
| | 79 | 668 | 0,9 | 18,67 | 0,3 | 0,7 | 8,8 | 7 | | | |
| | 88 | 597 | 0,9 | 16,66 | 0,5 | 0,7 | 8,9 | 6,9 | | | |
| | 90 | 582 | 1,1 | 16,25 | 0,5 | 0,7 | 8,9 | 7,2 | | | |
| | 98 | 538 | 0,9 | 15,03 | 0,5 | 0,7 | 9 | 7 | | | |
| | 101 | 521 | 1,3 | 14,55 | 0,4 | 5,2 | 9 | 7,1 | | | |
| | 125 | 419 | 1,7 | 11,71 | 1,5 | 5,2 | 9,2 | 7 | | | |
| | 150 | 351 | 1,8 | 9,80 | 2,3 | 5,1 | 9,3 | 6,8 | | | |
| | 176 | 299 | 2,0 | 8,36 | 2,8 | 5 | 9,3 | 6,7 | | | |
| | 186 | 283 | 2,3 | 7,90 | 3 | 5,1 | 9,4 | 6,7 | | | |
| | 208 | 253 | 1,8 | 7,05 | 2,7 | 4,7 | 9,4 | 6,4 | | | |
| | 218 | 241 | 2,5 | 6,74 | 2,9 | 4,9 | 9,4 | 6,5 | | | |
| | 257 | 204 | 3,0 | 5,70 | 2,9 | 4,8 | 9,4 | 6,4 | | | |
| | 267 | 197 | 2,3 | 5,50 | 2,8 | 4,6 | 9,4 | 6,2 | | | |
| | 277 | 190 | 3,4 | 5,28 | 2,9 | 4,8 | 9,4 | 6,4 | | | |
| | 331 | 159 | 2,9 | 4,43 | 2,7 | 4,4 | 9,4 | 6 | | | |
| | 391 | 134 | 3,4 | 3,75 | 2,6 | 4,3 | 9,4 | 5,8 | | | |
| | 494 | 106 | 4,1 | 2,96 | 2,5 | 4,1 | 9,2 | 5,6 | | | |
| | 134 | 391 | 0,8 | 10,89 | 0,2 | 0,3 | 6,6 | 4,1 | **SK 22 - 132 SP/4** | 74 | C72 |
| | 173 | 303 | 0,9 | 8,48 | 0,2 | 0,5 | 7 | 4,1 | | | |
| | 193 | 271 | 0,9 | 7,57 | 0,3 | 0,9 | 7,1 | 4,2 | | | |

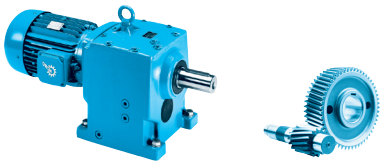
# 5,50 kW
# 7,50 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **5,50** | 214 | 246 | 1,0 | 6,86 | 0,3 | 1,1 | 7,2 | 4,3 | **SK 22 - 132 SP/4** | 74 | C72 |
| | 225 | 233 | 1,0 | 6,51 | 0,4 | 1,6 | 7,2 | 4,2 | | | |
| | 254 | 207 | 1,0 | 5,79 | 0,4 | 1,6 | 7,3 | 4,2 | | | |
| | 283 | 186 | 0,9 | 5,18 | 0,5 | 1,7 | 7,2 | 4 | | | |
| | 316 | 166 | 0,9 | 4,62 | 0,6 | 1,8 | 7,1 | 4 | | | |
| | 368 | 143 | 1,0 | 3,97 | 0,7 | 2,1 | 7 | 4 | | | |
| | 415 | 127 | 1,0 | 3,53 | 0,8 | 2,7 | 6,9 | 3,9 | | | |
| | 524 | 100 | 1,1 | 2,79 | 0,9 | 2,7 | 6,7 | 3,8 | | | |
| | 569 | 92,4 | 2,0 | 2,58 | - | 3,7 | 2,9 | 5,6 | **SK 31E - 132 SP/4** | 72 | C65 |
| | 705 | 74,5 | 2,2 | 2,08 | - | 3,5 | 3 | 5,2 | | | |
| **7,50** | 3,1 | 22970 | 0,9 | 467,81 | 86,7 | 106,3 | 115,5 | 120 | **SK 103/52 - 132 MP/4** | 851 | C89 C91 |
| | 4,3 | 16730 | 1,2 | 340,13 | 94,4 | 103,1 | 120 | 120 | | | |
| | 4,9 | 14550 | 1,4 | 296,69 | 96,4 | 101,3 | 120 | 120 | | | |
| | 6,0 | 12000 | 1,7 | 244,77 | 98,4 | 98,4 | 120 | 120 | | | |
| | 7,0 | 10170 | 2,3 | 207,47 | 99,5 | 95,6 | 120 | 120 | **SK 103 - 132 MP/4** | 777 | C89 |
| | 5,1 | 14130 | 0,9 | 287,83 | 55,1 | 61,6 | 85,5 | 80 | **SK 93/42 - 132 MP/4** | 603 | C87 C91 |
| | 6,1 | 11810 | 1,0 | 239,74 | 58,9 | 61,3 | 88 | 80 | | | |
| | 8,0 | 8928 | 1,4 | 181,16 | 62,4 | 59,6 | 90,4 | 80 | | | |
| | 9,1 | 7891 | 1,5 | 161,32 | 63,3 | 58,9 | 91,1 | 80 | **SK 93/52 - 132 MP/4** | 632 | C87 C91 |
| | 11 | 6247 | 2,0 | 127,50 | 64,7 | 56,8 | 92 | 80 | | | |
| | 7,8 | 9222 | 1,5 | 187,89 | 62,1 | 60 | 90,2 | 80 | **SK 93 - 132 MP/4** | 558 | C87 |
| | 13 | 5359 | 2,2 | 109,14 | 65,2 | 55,4 | 92,4 | 80 | | | |
| | 16 | 4583 | 3,1 | 93,34 | 65,6 | 53,7 | 92,7 | 80 | | | |
| | 7,3 | 9864 | 0,8 | 200,37 | 32,4 | 29,1 | 54,6 | 65 | **SK 83/42 - 132 MP/4** | 424 | C85 C91 |
| | 8,9 | 8078 | 1,1 | 164,70 | 37,1 | 29,9 | 57,5 | 65 | **SK 83 - 132 MP/4** | 379 | C85 |
| | 14 | 5100 | 1,8 | 104,00 | 42,3 | 30 | 61 | 65 | | | |
| | 18 | 3955 | 2,3 | 80,62 | 43,6 | 29,5 | 61,9 | 65 | | | |
| | 21 | 3443 | 2,6 | 70,24 | 44 | 29 | 62,2 | 65 | | | |
| | 24 | 3031 | 3,0 | 61,89 | 44,3 | 28,5 | 62,5 | 65 | | | |
| | 12 | 6110 | 0,9 | 124,57 | 18,2 | 11,8 | 33,8 | 46,2 | **SK 73 - 132 MP/4** | 272 | C83 |
| | 15 | 4928 | 0,8 | 100,46 | 22,3 | 12,9 | 36,1 | 45,9 | | | |
| | 16 | 4480 | 1,2 | 91,38 | 23,4 | 13,2 | 36,9 | 45,4 | | | |
| | 20 | 3670 | 1,5 | 74,87 | 25,2 | 13,7 | 38 | 44,5 | | | |
| | 24 | 2964 | 1,9 | 60,46 | 26,3 | 14 | 38,8 | 43,2 | | | |
| | 28 | 2565 | 2,2 | 52,24 | 26,9 | 14 | 39,1 | 42,1 | | | |
| | 32 | 2240 | 2,4 | 45,66 | 27,2 | 13,9 | 39,4 | 41,1 | | | |
| | 39 | 1848 | 2,7 | 37,63 | 27,6 | 13,8 | 39,6 | 39,6 | | | |
| | 33 | 2144 | 1,9 | 43,71 | 27,3 | 14,1 | 39,4 | 41,1 | **SK 72 - 132 MP/4** | 262 | C82 |
| | 19 | 3801 | 1,0 | 77,46 | 14,1 | 13,5 | 24,2 | 35,6 | **SK 63 - 132 MP/4** | 191 | C81 |
| | 23 | 3088 | 1,2 | 62,87 | 16,5 | 14 | 25,7 | 35 | | | |
| | 27 | 2641 | 1,4 | 53,82 | 17,7 | 14,2 | 26,5 | 34,5 | | | |
| | 29 | 2493 | 1,5 | 50,73 | 18 | 14,2 | 26,7 | 34,2 | | | |
| | 34 | 2132 | 1,7 | 43,43 | 18,7 | 14,3 | 27,1 | 33,5 | | | |
| | 40 | 1773 | 2,1 | 36,11 | 19,2 | 14,2 | 27,5 | 32,5 | | | |
| | 47 | 1516 | 2,4 | 30,91 | 19,6 | 14 | 27,8 | 31,6 | | | |
| | 55 | 1292 | 2,5 | 26,28 | 19,8 | 13,8 | 27,9 | 30,6 | | | |
| | 66 | 1078 | 3,0 | 21,98 | 20 | 13,4 | 28,1 | 29,4 | | | |
| | 70 | 1021 | 3,1 | 20,77 | 20,1 | 13,3 | 28,1 | 29,1 | | | |
| | 39 | 1819 | 1,7 | 37,05 | 19,2 | 14,3 | 27,5 | 32,8 | **SK 62 - 132 MP/4** | 193 | C80 |
| | 36 | 1979 | 1,0 | 40,37 | 11,4 | 23,8 | 17,9 | 36,6 | **SK 52 - 132 MP/4** | 136 | C78 |
| | 40 | 1801 | 1,1 | 36,69 | 11,9 | 23,8 | 18,3 | 35,9 | | | |
| | 41 | 1766 | 0,8 | 36,03 | 12 | 23,8 | 18,4 | 35,9 | | | |
| | 45 | 1596 | 0,8 | 32,56 | 12,5 | 23,8 | 18,6 | 35,2 | | | |



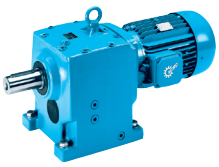
IE3

**7,50 kW**
**9,20 kW**

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **7,50** | 51 | 1415 | 1,4 | 28,85 | 12,9 | 23,8 | 18,9 | 34,1 | **SK 52 - 132 MP/4** | 136 | C78 |
| | 55 | 1297 | 1,5 | 26,46 | 13,1 | 23,8 | 19,1 | 33,8 | | | |
| | 61 | 1172 | 1,6 | 23,92 | 13,3 | 23,8 | 19,2 | 33 | | | |
| | 67 | 1062 | 1,8 | 21,68 | 13,1 | 23,8 | 19,3 | 32,4 | | | |
| | 75 | 960 | 2,0 | 19,60 | 12,8 | 23,8 | 19,4 | 31,6 | | | |
| | 82 | 874 | 2,2 | 17,81 | 12,6 | 23,8 | 19,5 | 30,9 | | | |
| | 104 | 686 | 2,8 | 14,00 | 11,8 | 23,3 | 19,6 | 29,1 | | | |
| | 108 | 660 | 2,8 | 13,45 | 11,7 | 23,3 | 19,7 | 28,9 | | | |
| | 56 | 1270 | 1,0 | 25,88 | 0,7 | 0,5 | 9,7 | 4,5 | **SK 42 - 132 MP/4** | 107 | C76 |
| | 67 | 1072 | 1,0 | 21,87 | 0,8 | 6 | 10,3 | 5,2 | | | |
| | 68 | 1055 | 1,1 | 21,50 | 1 | 6 | 10,3 | 4,9 | | | |
| | 81 | 879 | 1,1 | 17,92 | 1,7 | 5,8 | 10,7 | 5,1 | | | |
| | 83 | 868 | 1,4 | 17,71 | 3,4 | 6,3 | 10,7 | 5,5 | | | |
| | 97 | 741 | 1,7 | 15,12 | 4,2 | 6,5 | 11 | 5,6 | | | |
| | 102 | 705 | 1,6 | 14,38 | 4,3 | 6,7 | 11 | 5,7 | | | |
| | 119 | 602 | 2,0 | 12,28 | 4,2 | 6,7 | 11,2 | 5,7 | | | |
| | 143 | 500 | 2,3 | 10,20 | 4,2 | 6,7 | 11,3 | 5,7 | | | |
| | 172 | 417 | 2,6 | 8,50 | 4,1 | 6,5 | 11,4 | 5,6 | | | |
| | 201 | 357 | 3,0 | 7,28 | 4 | 6,4 | 11,4 | 5,6 | | | |
| | 219 | 327 | 3,6 | 6,65 | 4 | 6,4 | 11,5 | 5,6 | | | |
| | 236 | 304 | 3,5 | 6,19 | 3,9 | 6,3 | 11,5 | 5,5 | | | |
| | 253 | 283 | 4,0 | 5,75 | 3,9 | 6,3 | 11,5 | 5,6 | | | |
| | 273 | 263 | 3,1 | 5,35 | 3,7 | 5,8 | 11,2 | 5,3 | | | |
| | 90 | 796 | 0,8 | 16,25 | 0,1 | 0,1 | 8,4 | 5,9 | **SK 32 - 132 MP/4** | 92 | C74 |
| | 101 | 712 | 0,9 | 14,55 | 0,3 | 0,8 | 8,6 | 5,9 | | | |
| | 125 | 574 | 1,2 | 11,71 | 0,4 | 1,6 | 8,9 | 6 | | | |
| | 149 | 480 | 1,3 | 9,80 | 0,5 | 2,2 | 9,1 | 6 | | | |
| | 175 | 409 | 1,5 | 8,36 | 0,6 | 3 | 9,2 | 5,9 | | | |
| | 185 | 387 | 1,7 | 7,90 | 0,6 | 4 | 9,2 | 6,1 | | | |
| | 207 | 346 | 1,3 | 7,05 | 0,6 | 4 | 8,8 | 5,3 | | | |
| | 217 | 330 | 1,8 | 6,74 | 1,2 | 4 | 9,3 | 5,9 | | | |
| | 257 | 279 | 2,2 | 5,70 | 2 | 4 | 9,4 | 5,9 | | | |
| | 266 | 269 | 1,7 | 5,50 | 1,4 | 3,7 | 9,4 | 5,7 | | | |
| | 276 | 260 | 2,5 | 5,28 | 2,6 | 4,1 | 9,4 | 5,9 | | | |
| | 330 | 217 | 2,1 | 4,43 | 2,3 | 3,8 | 9,4 | 5,6 | | | |
| | 390 | 184 | 2,5 | 3,75 | 2,4 | 3,7 | 9,2 | 5,5 | | | |
| | 492 | 146 | 3,0 | 2,96 | 2,3 | 3,6 | 8,8 | 5,3 | | | |
| | 213 | 336 | 0,8 | 6,86 | 0,2 | 0,9 | 6,7 | 3,5 | **SK 22 - 132 MP/4** | 81 | C72 |
| | 253 | 283 | 0,8 | 5,79 | 0,3 | 1 | 6,6 | 3,6 | | | |
| | 413 | 173 | 0,8 | 3,53 | 0,4 | 1,1 | 6,3 | 3,5 | | | |
| | 522 | 137 | 0,8 | 2,79 | 0,6 | 1,2 | 6,2 | 3,5 | | | |
| | 584 | 123 | 2,2 | 2,50 | - | 4,2 | 3,8 | 7,1 | **SK 41E - 132 MP/4** | 88 | C66 |
| | 683 | 105 | 2,4 | 2,14 | - | 4 | 3,7 | 6,7 | | | |
| | 567 | 126 | 1,5 | 2,58 | - | 3,2 | 2,4 | 5,2 | **SK 31E - 132 MP/4** | 79 | C65 |
| | 703 | 102 | 1,6 | 2,08 | - | 3,1 | 2,5 | 4,8 | | | |
| **9,20** | 4,3 | 20390 | 1,0 | 340,13 | 90,2 | 97 | 118 | 120 | **SK 103/52 - 160 SP/4** | 882 | C89 |
| | 5,0 | 17720 | 1,1 | 296,69 | 93,3 | 95,9 | 120 | 120 | | | C91 |
| | 6,0 | 14620 | 1,4 | 244,77 | 96,3 | 94,1 | 120 | 120 | | | |
| | 8,0 | 11040 | 1,8 | 184,62 | 99 | 90,3 | 120 | 120 | | | |
| | 9,5 | 9251 | 2,2 | 154,63 | 100 | 87,6 | 120 | 120 | | | |
| | 7,1 | 12390 | 1,9 | 207,47 | 98,1 | 91,9 | 120 | 120 | **SK 103 - 160 SP/4** | 808 | C89 |
| | 11 | 8159 | 2,8 | 136,51 | 100,6 | 85,5 | 120 | 120 | | | |
| | 18 | 4869 | 4,2 | 81,40 | 101,8 | 76,5 | 120 | 120 | | | |
| | 6,1 | 14380 | 0,8 | 239,74 | 54,6 | 56,5 | 85,2 | 80 | **SK 93/42 - 160 SP/4** | 634 | C87 |
| | 7,8 | 11240 | 1,2 | 187,89 | 59,6 | 56,2 | 88,5 | 80 | **SK 93 - 160 SP/4** | 589 | C87 |
| | 12 | 7349 | 1,9 | 123,05 | 63,8 | 54 | 91,4 | 80 | | | |
| | 13 | 6529 | 1,8 | 109,14 | 64,4 | 53,1 | 91,8 | 80 | | | |
| | 16 | 5584 | 2,5 | 93,34 | 65,1 | 51,9 | 92,3 | 80 | | | |
| | 20 | 4328 | 3,1 | 72,47 | 65,8 | 49,6 | 92,8 | 80 | | | |

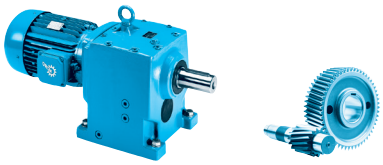
# 9,20 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9,20 | 8,9 | 9842 | 0,9 | 164,70 | 32,2 | 26,2 | 54,5 | 65 | **SK 83 - 160 SP/4** | 410 | C85 |
| | 14 | 6213 | 1,5 | 104,00 | 40,7 | 27,6 | 59,9 | 65 | | | |
| | 18 | 4819 | 1,9 | 80,62 | 42,6 | 27,6 | 61,2 | 65 | | | |
| | 21 | 4195 | 2,1 | 70,24 | 43,3 | 27,3 | 61,7 | 65 | | | |
| | 24 | 3693 | 2,4 | 61,89 | 43,8 | 27 | 62,1 | 65 | | | |
| | 29 | 3079 | 2,9 | 51,51 | 44,3 | 26,5 | 62,4 | 65 | | | |
| | 33 | 2650 | 3,4 | 44,38 | 44,6 | 25,9 | 62,6 | 63,4 | | | |
| | 30 | 2914 | 1,8 | 48,82 | 44,4 | 26,4 | 62,5 | 64,9 | **SK 82 - 160 SP/4** | 402 | C84 |
| | 12 | 7444 | 0,8 | 124,57 | 9,8 | 8,7 | 30,1 | 42 | **SK 73 - 160 SP/4** | 303 | C83 |
| | 16 | 5458 | 1,0 | 91,38 | 20,6 | 11 | 35,1 | 42,3 | | | |
| | 20 | 4471 | 1,2 | 74,87 | 23,4 | 11,8 | 36,8 | 41,9 | | | |
| | 24 | 3611 | 1,6 | 60,46 | 25,2 | 12,4 | 38 | 41,1 | | | |
| | 28 | 3125 | 1,8 | 52,24 | 26,1 | 12,7 | 38,6 | 40,3 | | | |
| | 32 | 2729 | 2,0 | 45,66 | 26,6 | 12,8 | 39 | 39,5 | | | |
| | 39 | 2252 | 2,2 | 37,63 | 27,2 | 12,8 | 39,4 | 38,3 | | | |
| | 44 | 1989 | 2,5 | 33,24 | 27,5 | 12,8 | 39,5 | 37,5 | | | |
| | 34 | 2612 | 1,6 | 43,71 | 26,8 | 13 | 39,1 | 39,5 | **SK 72 - 160 SP/4** | 293 | C82 |
| | 44 | 1977 | 1,6 | 33,04 | 27,5 | 12,7 | 39,5 | 37,3 | | | |
| | 51 | 1708 | 2,4 | 28,63 | 27,7 | 12,8 | 39,7 | 36,5 | | | |
| | 19 | 4631 | 0,8 | 77,46 | 9,5 | 11,2 | 21,9 | 32,6 | **SK 63 - 160 SP/4** | 222 | C81 |
| | 23 | 3763 | 1,0 | 62,87 | 14,2 | 12,1 | 24,3 | 32,7 | | | |
| | 27 | 3218 | 1,1 | 53,82 | 16,1 | 12,6 | 25,5 | 32,5 | | | |
| | 29 | 3038 | 1,2 | 50,73 | 16,7 | 12,7 | 25,8 | 32,3 | | | |
| | 34 | 2598 | 1,4 | 43,43 | 17,8 | 12,9 | 26,5 | 31,8 | | | |
| | 41 | 2160 | 1,7 | 36,11 | 18,6 | 13,1 | 27,1 | 31,2 | | | |
| | 48 | 1847 | 1,9 | 30,91 | 19,1 | 13,1 | 27,5 | 30,4 | | | |
| | 56 | 1574 | 2,0 | 26,28 | 19,5 | 13 | 27,7 | 29,7 | | | |
| | 67 | 1313 | 2,4 | 21,98 | 19,8 | 12,6 | 27,9 | 28,5 | | | |
| | 71 | 1243 | 2,6 | 20,77 | 19,9 | 12,7 | 28 | 28,4 | | | |
| | 40 | 2216 | 1,4 | 37,05 | 18,5 | 13,2 | 27 | 31,4 | **SK 62 - 160 SP/4** | 224 | C80 |
| | 81 | 1085 | 2,8 | 18,14 | 20 | 12,5 | 28,1 | 27,6 | | | |
| | 93 | 945 | 3,2 | 15,80 | 20,1 | 12,3 | 28,1 | 26,9 | | | |
| | 56 | 1580 | 1,2 | 26,46 | 12,5 | 23,8 | 18,6 | 32,8 | **SK 52 - 160 SP/4** | 167 | C78 |
| | 62 | 1428 | 1,3 | 23,92 | 12,7 | 23,8 | 18,9 | 32,1 | | | |
| | 68 | 1294 | 1,5 | 21,68 | 12,6 | 23,8 | 19,1 | 31,5 | | | |
| | 75 | 1170 | 1,6 | 19,60 | 12,3 | 23,8 | 19,2 | 30,9 | | | |
| | 83 | 1064 | 1,8 | 17,81 | 12,1 | 23,8 | 19,3 | 30,2 | | | |
| | 105 | 836 | 2,3 | 14,00 | 11,4 | 22,3 | 19,5 | 28,5 | | | |
| | 109 | 805 | 2,3 | 13,45 | 11,4 | 22,3 | 19,6 | 28,4 | | | |
| | 139 | 632 | 2,8 | 10,58 | 10,7 | 20,6 | 19,7 | 26,7 | | | |
| | 166 | 528 | 3,2 | 8,83 | 10,1 | 19,3 | 19,7 | 25,5 | | | |
| | 67 | 1306 | 0,8 | 21,87 | 0,2 | 0,6 | 9,6 | 4 | **SK 42 - 160 SP/4** | 138 | C76 |
| | 83 | 1057 | 1,1 | 17,71 | 0,7 | 1,2 | 10,3 | 4,5 | | | |
| | 97 | 903 | 1,4 | 15,12 | 0,9 | 5 | 10,7 | 4,7 | | | |
| | 102 | 859 | 1,3 | 14,38 | 2,1 | 5,3 | 10,8 | 4,9 | | | |
| | 120 | 733 | 1,6 | 12,28 | 3,7 | 5,5 | 11 | 5 | | | |
| | 144 | 609 | 1,9 | 10,20 | 3,8 | 5,6 | 11,2 | 5,1 | | | |
| | 173 | 508 | 2,1 | 8,50 | 3,7 | 5,6 | 11,3 | 5,1 | | | |
| | 202 | 434 | 2,5 | 7,28 | 3,7 | 5,7 | 11,3 | 5,2 | | | |
| | 221 | 398 | 2,9 | 6,65 | 3,8 | 5,8 | 11,4 | 5,2 | | | |
| | 237 | 370 | 2,9 | 6,19 | 3,7 | 5,6 | 11,2 | 5,2 | | | |
| | 255 | 344 | 3,3 | 5,75 | 3,7 | 5,7 | 11,2 | 5,2 | | | |
| | 274 | 320 | 2,6 | 5,35 | 3,5 | 5,2 | 10,6 | 4,9 | | | |
| | 288 | 305 | 3,2 | 5,10 | 3,6 | 5,6 | 10,9 | 5,1 | | | |
| | 321 | 274 | 2,8 | 4,58 | 3,4 | 5,2 | 10,5 | 4,9 | | | |
| | 377 | 233 | 3,0 | 3,89 | 3,3 | 5,1 | 10,2 | 4,8 | | | |
| | 420 | 209 | 3,2 | 3,50 | 3,3 | 5 | 10,1 | 4,8 | | | |
| | 457 | 192 | 3,2 | 3,21 | 3,2 | 4,9 | 9,9 | 4,7 | | | |
| | 485 | 181 | 3,3 | 3,02 | 3,2 | 4,9 | 9,9 | 4,7 | | | |
| | 514 | 171 | 2,7 | 2,86 | - | 5,8 | 5,4 | 8,9 | **SK 51E - 160 SP/4** | 128 | C67 |
| | 588 | 149 | 2,9 | 2,50 | - | 5,6 | 5,2 | 8,5 | | | |
| | 713 | 123 | 3,1 | 2,06 | - | 5,3 | 4,9 | 8 | | | |
| | 588 | 149 | 1,8 | 2,50 | - | 3,8 | 3,4 | 6,7 | **SK 41E - 160 SP/4** | 119 | C66 |
| | 688 | 128 | 1,9 | 2,14 | - | 3,7 | 3,3 | 6,4 | | | |



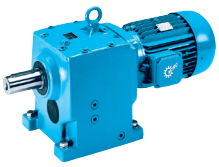
IE3

# 11,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11,0 | 4,3 | 24460 | 0,8 | 340,13 | 84,4 | 90,7 | 114 | 120 | **SK 103/52 - 160 MP/4** | 882 | C89 |
| | 4,9 | 21260 | 0,9 | 296,69 | 89 | 90,4 | 117,2 | 120 | | | C91 |
| | 6,0 | 17540 | 1,1 | 244,77 | 93,5 | 89,4 | 120 | 120 | | | |
| | 7,9 | 13250 | 1,5 | 184,62 | 97,5 | 86,7 | 120 | 120 | | | |
| | 9,5 | 11100 | 1,8 | 154,63 | 99 | 84,5 | 120 | 120 | | | |
| | 7,1 | 14870 | 1,6 | 207,47 | 96,1 | 88 | 120 | 120 | **SK 103 - 160 MP/4** | 808 | C89 |
| | 11 | 9789 | 2,3 | 136,51 | 99,8 | 82,9 | 120 | 120 | | | |
| | 18 | 5841 | 3,5 | 81,40 | 101,5 | 75,2 | 120 | 120 | | | |
| | 7,8 | 13480 | 1,0 | 187,89 | 56,3 | 52,2 | 86,3 | 80 | **SK 93 - 160 MP/4** | 589 | C87 |
| | 12 | 8817 | 1,6 | 123,05 | 62,5 | 51,5 | 90,4 | 80 | | | |
| | 13 | 7834 | 1,5 | 109,14 | 63,4 | 50,8 | 91,1 | 80 | | | |
| | 16 | 6699 | 2,1 | 93,34 | 64,3 | 50 | 91,7 | 80 | | | |
| | 20 | 5193 | 2,6 | 72,47 | 65,3 | 48 | 92,4 | 80 | | | |
| | 8,9 | 11810 | 0,8 | 164,70 | 24,5 | 22,1 | 50,3 | 65 | **SK 83 - 160 MP/4** | 410 | C85 |
| | 14 | 7454 | 1,2 | 104,00 | 38,5 | 25,1 | 58,4 | 65 | | | |
| | 18 | 5781 | 1,6 | 80,62 | 41,4 | 25,6 | 60,4 | 65 | | | |
| | 21 | 5032 | 1,8 | 70,24 | 42,4 | 25,6 | 61,1 | 65 | | | |
| | 24 | 4430 | 2,0 | 61,89 | 43,1 | 25,5 | 61,6 | 65 | | | |
| | 28 | 3694 | 2,4 | 51,51 | 43,8 | 25,2 | 62,1 | 63,8 | | | |
| | 33 | 3179 | 2,8 | 44,38 | 44,2 | 24,9 | 62,4 | 62,1 | | | |
| | 38 | 2797 | 3,2 | 39,08 | 44,5 | 24,5 | 62,6 | 60,3 | | | |
| | 30 | 3496 | 1,5 | 48,82 | 44 | 25,2 | 62,2 | 63,4 | **SK 82 - 160 MP/4** | 402 | C82 |
| | 36 | 2899 | 1,4 | 40,45 | 44,4 | 24,6 | 62,5 | 60,9 | | | |
| | 16 | 6549 | 0,8 | 91,38 | 16,1 | 8,5 | 32,7 | 39,1 | **SK 73 - 160 MP/4** | 303 | C83 |
| | 20 | 5364 | 1,0 | 74,87 | 21 | 9,8 | 35,3 | 39,2 | | | |
| | 24 | 4332 | 1,3 | 60,46 | 23,8 | 10,9 | 37,1 | 39 | | | |
| | 28 | 3749 | 1,5 | 52,24 | 25 | 11,3 | 37,9 | 38,5 | | | |
| | 32 | 3274 | 1,6 | 45,66 | 25,9 | 11,6 | 38,4 | 37,9 | | | |
| | 39 | 2701 | 1,9 | 37,63 | 26,7 | 11,8 | 39 | 36,9 | | | |
| | 44 | 2386 | 2,1 | 33,24 | 27,1 | 11,9 | 39,3 | 36,2 | | | |
| | 52 | 2033 | 2,5 | 28,32 | 27,4 | 11,9 | 39,5 | 35,3 | | | |
| | 63 | 1677 | 3,0 | 23,34 | 27,7 | 11,7 | 39,7 | 34 | | | |
| | 34 | 3133 | 1,3 | 43,71 | 26,1 | 11,9 | 38,6 | 38 | **SK 72 - 160 MP/4** | 293 | C82 |
| | 44 | 2372 | 1,4 | 33,04 | 27,1 | 11,8 | 39,3 | 36,1 | | | |
| | 51 | 2049 | 2,0 | 28,63 | 27,4 | 12 | 39,5 | 35,6 | | | |
| | 23 | 4514 | 0,8 | 62,87 | 10,5 | 10,1 | 22,3 | 30,2 | **SK 63 - 160 MP/4** | 222 | C81 |
| | 27 | 3860 | 1,0 | 53,82 | 13,9 | 10,8 | 24,1 | 30,3 | | | |
| | 29 | 3645 | 1,0 | 50,73 | 14,7 | 11,1 | 24,6 | 30,2 | | | |
| | 34 | 3117 | 1,2 | 43,43 | 16,5 | 11,5 | 25,7 | 30,1 | | | |
| | 41 | 2591 | 1,4 | 36,11 | 17,8 | 11,9 | 26,5 | 29,7 | | | |
| | 47 | 2216 | 1,6 | 30,91 | 18,5 | 12,1 | 27 | 29,2 | | | |
| | 56 | 1888 | 1,7 | 26,28 | 19,1 | 12,1 | 27,4 | 28,6 | | | |
| | 67 | 1576 | 2,0 | 21,98 | 19,5 | 11,9 | 27,7 | 27,6 | | | |
| | 70 | 1492 | 2,1 | 20,77 | 19,6 | 12 | 27,8 | 27,6 | | | |
| | 40 | 2659 | 1,1 | 37,05 | 17,6 | 12 | 26,4 | 30 | **SK 62 - 160 MP/4** | 224 | C80 |
| | 81 | 1302 | 2,4 | 18,14 | 19,8 | 12 | 27,9 | 26,9 | | | |
| | 93 | 1133 | 2,7 | 15,80 | 20 | 11,8 | 28 | 26,3 | | | |
| | 105 | 998 | 3,1 | 13,92 | 20,1 | 11,6 | 28,1 | 25,6 | | | |
| | 126 | 832 | 3,7 | 11,59 | 20,2 | 11,3 | 28,2 | 24,6 | | | |
| | 55 | 1895 | 1,0 | 26,46 | 8 | 23,8 | 18,1 | 31,8 | **SK 52 - 160 MP/4** | 167 | C78 |
| | 61 | 1713 | 1,1 | 23,92 | 9,5 | 23,8 | 18,4 | 31,1 | | | |
| | 68 | 1552 | 1,2 | 21,68 | 11,5 | 23,8 | 18,7 | 30,7 | | | |
| | 75 | 1403 | 1,4 | 19,60 | 11,8 | 23,5 | 18,9 | 30,1 | | | |
| | 82 | 1277 | 1,5 | 17,81 | 11,6 | 23 | 19,1 | 29,5 | | | |
| | 105 | 1003 | 1,9 | 14,00 | 11 | 21,3 | 19,4 | 27,8 | | | |
| | 109 | 965 | 1,9 | 13,45 | 11 | 21,5 | 19,4 | 27,8 | | | |
| | 139 | 758 | 2,3 | 10,58 | 10,4 | 19,8 | 19,6 | 26,2 | | | |
| | 166 | 633 | 2,6 | 8,83 | 9,9 | 18,6 | 19,7 | 25 | | | |
| | 190 | 553 | 2,9 | 7,70 | 9,6 | 18 | 19,7 | 24,4 | | | |
| | 201 | 523 | 3,0 | 7,27 | 9,4 | 17,5 | 19,8 | 24 | | | |

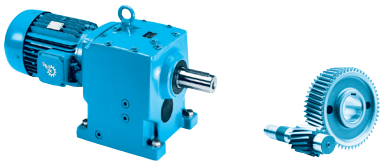
# 11,0 kW
# 15,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 11,0 | 83 | 1269 | 0,9 | 17,71 | 0,1 | 0,3 | 9,1 | 3,4 | **SK 42 - 160 MP/4** | 138 | C76 |
| | 97 | 1083 | 1,1 | 15,12 | 0,1 | 0,9 | 9,6 | 3,8 | | | |
| | 102 | 1031 | 1,1 | 14,38 | 0,2 | 1,2 | 10,1 | 4 | | | |
| | 119 | 880 | 1,4 | 12,28 | 0,2 | 4,2 | 10,3 | 4,2 | | | |
| | 144 | 731 | 1,6 | 10,20 | 2,3 | 4,6 | 10,5 | 4,5 | | | |
| | 172 | 609 | 1,8 | 8,50 | 3,4 | 4,7 | 10,5 | 4,6 | | | |
| | 202 | 521 | 2,1 | 7,28 | 3,4 | 4,9 | 10,5 | 4,7 | | | |
| | 220 | 477 | 2,4 | 6,65 | 3,5 | 5,1 | 10,7 | 4,8 | | | |
| | 237 | 444 | 2,4 | 6,19 | 3,4 | 5 | 10,5 | 4,8 | | | |
| | 254 | 413 | 2,7 | 5,75 | 3,5 | 5,1 | 10,6 | 4,8 | | | |
| | 273 | 384 | 2,1 | 5,35 | 3,2 | 4,6 | 10 | 4,5 | | | |
| | 287 | 366 | 2,7 | 5,10 | 3,4 | 5 | 10,4 | 4,8 | | | |
| | 320 | 328 | 2,4 | 4,58 | 3,2 | 4,6 | 9,9 | 4,5 | | | |
| | 375 | 280 | 2,5 | 3,89 | 3,2 | 4,6 | 9,8 | 4,5 | | | |
| | 419 | 251 | 2,6 | 3,50 | 3,1 | 4,6 | 9,7 | 4,5 | | | |
| | 456 | 230 | 2,7 | 3,21 | 3,1 | 4,5 | 9,6 | 4,5 | | | |
| | 484 | 217 | 2,8 | 3,02 | 3,1 | 4,5 | 9,5 | 4,5 | | | |
| | 512 | 205 | 2,2 | 2,86 | - | 5,5 | 5,3 | 8,6 | **SK 51E - 160 MP/4** | 128 | C67 |
| | 586 | 179 | 2,4 | 2,50 | - | 5,3 | 5,1 | 8,2 | | | |
| | 710 | 148 | 2,6 | 2,06 | - | 5 | 4,8 | 7,7 | | | |
| | 586 | 179 | 1,5 | 2,50 | - | 3,5 | 3 | 6,4 | **SK 41E - 160 MP/4** | 119 | C66 |
| | 685 | 153 | 1,6 | 2,14 | - | 3,4 | 3 | 6,1 | | | |
| 15,0 | 6,0 | 23920 | 0,8 | 244,77 | 85,1 | 79,2 | 114,5 | 120 | **SK 103/52 - 160 LP/4** | 911 | C89 C91 |
| | 7,9 | 18070 | 1,1 | 184,62 | 93 | 79,2 | 120 | 120 | | | |
| | 9,5 | 15130 | 1,3 | 154,63 | 95,9 | 78,1 | 120 | 120 | | | |
| | 12 | 12000 | 1,7 | 122,42 | 98,4 | 76,3 | 120 | 120 | | | |
| | 14 | 10310 | 1,9 | 105,36 | 99,4 | 74,7 | 120 | 120 | | | |
| | 7,1 | 20270 | 1,1 | 207,47 | 90,3 | 79,3 | 118,1 | 120 | **SK 103 - 160 LP/4** | 837 | C89 |
| | 11 | 13350 | 1,7 | 136,51 | 97,4 | 77,3 | 120 | 120 | | | |
| | 18 | 7965 | 2,6 | 81,40 | 100,7 | 71,7 | 120 | 120 | | | |
| | 21 | 6885 | 2,9 | 70,38 | 101,1 | 69,7 | 120 | 119,1 | | | |
| | 7,8 | 18380 | 0,8 | 187,89 | 45,3 | 43,4 | 79,6 | 80 | **SK 93 - 160 LP/4** | 618 | C87 |
| | 12 | 12020 | 1,2 | 123,05 | 58,5 | 45,7 | 87,8 | 80 | | | |
| | 13 | 10680 | 1,1 | 109,14 | 60,4 | 45,7 | 89 | 80 | | | |
| | 16 | 9136 | 1,5 | 93,34 | 62,2 | 45,6 | 90,2 | 80 | | | |
| | 20 | 7081 | 1,9 | 72,47 | 64 | 44,8 | 91,5 | 80 | | | |
| | 24 | 6029 | 2,1 | 61,63 | 64,8 | 43,8 | 92,1 | 80 | | | |
| | 27 | 5256 | 2,3 | 53,80 | 65,3 | 43 | 92,4 | 80 | | | |
| | 31 | 4559 | 2,7 | 46,57 | 65,7 | 42,1 | 92,7 | 80 | | | |
| | 14 | 10170 | 0,9 | 104,00 | 31,3 | 19,5 | 54 | 63,6 | **SK 83 - 160 LP/4** | 439 | C85 |
| | 18 | 7884 | 1,1 | 80,62 | 37,6 | 21,2 | 57,8 | 63,1 | | | |
| | 21 | 6862 | 1,3 | 70,24 | 39,6 | 21,8 | 59,2 | 62,4 | | | |
| | 24 | 6041 | 1,5 | 61,89 | 41 | 22,2 | 60,1 | 61,6 | | | |
| | 28 | 5037 | 1,8 | 51,51 | 42,4 | 22,5 | 61,1 | 60,2 | | | |
| | 33 | 4336 | 2,1 | 44,38 | 43,2 | 22,5 | 61,6 | 58,8 | | | |
| | 38 | 3814 | 2,4 | 39,08 | 43,7 | 22,3 | 62 | 57,6 | | | |
| | 45 | 3180 | 2,7 | 32,52 | 44,2 | 22 | 62,4 | 55,7 | | | |
| | 30 | 4768 | 1,1 | 48,82 | 42,7 | 22,7 | 61,3 | 60 | **SK 82 - 160 LP/4** | 431 | C84 |
| | 36 | 3953 | 1,0 | 40,45 | 43,6 | 22,4 | 61,9 | 58 | | | |
| | 46 | 3139 | 2,1 | 32,12 | 44,3 | 22,1 | 62,4 | 55,7 | | | |
| | 55 | 2603 | 2,4 | 26,62 | 44,6 | 21,6 | 62,7 | 53,5 | | | |
| | 24 | 5908 | 1,0 | 60,46 | 19 | 7,2 | 34,2 | 34,2 | **SK 73 - 160 LP/4** | 332 | C83 |
| | 28 | 5112 | 1,1 | 52,24 | 21,8 | 8,2 | 35,8 | 34,3 | | | |
| | 32 | 4465 | 1,2 | 45,66 | 23,5 | 8,9 | 36,9 | 34,3 | | | |
| | 39 | 3684 | 1,4 | 37,63 | 25,1 | 9,6 | 38 | 34 | | | |
| | 44 | 3253 | 1,5 | 33,24 | 25,9 | 9,9 | 38,5 | 33,6 | | | |
| | 52 | 2772 | 1,8 | 28,32 | 26,6 | 10,2 | 38,9 | 33 | | | |
| | 63 | 2287 | 2,2 | 23,34 | 27,2 | 10,4 | 39,3 | 32,2 | | | |
| | 71 | 2020 | 2,5 | 20,62 | 27,4 | 10,4 | 39,3 | 31,6 | | | |
| | 81 | 1761 | 2,8 | 18,00 | 27,7 | 10,4 | 38,7 | 30,9 | | | |



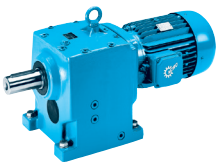
IE3

# 15,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15,0 | 34 | 4272 | 0,9 | 43,71 | 23,9 | 9,4 | 37,2 | 34,7 | **SK 72 - 160 LP/4** | 322 | C72 |
| | 44 | 3235 | 1,0 | 33,04 | 25,9 | 9,8 | 38,5 | 33,5 | | | |
| | 51 | 2795 | 1,5 | 28,63 | 26,5 | 10,4 | 38,9 | 33,4 | | | |
| | 67 | 2123 | 1,9 | 21,72 | 27,3 | 10,6 | 39,5 | 32 | | | |
| | 68 | 2116 | 2,1 | 21,64 | 27,3 | 10,3 | 39,1 | 31,7 | | | |
| | 87 | 1646 | 2,5 | 16,86 | 27,8 | 10,5 | 38,5 | 30,6 | | | |
| | 102 | 1401 | 2,9 | 14,33 | 27,9 | 10,4 | 37,2 | 29,7 | | | |
| | 34 | 4250 | 0,9 | 43,43 | 12 | 8,4 | 23,1 | 26,3 | **SK 63 - 160 LP/4** | 251 | C81 |
| | 41 | 3533 | 1,0 | 36,11 | 15,1 | 9,3 | 24,8 | 26,5 | | | |
| | 47 | 3022 | 1,2 | 30,91 | 16,7 | 9,8 | 25,8 | 26,5 | | | |
| | 56 | 2574 | 1,2 | 26,28 | 17,8 | 10,2 | 26,6 | 26,3 | | | |
| | 67 | 2148 | 1,5 | 21,98 | 18,6 | 10,3 | 27,1 | 25,6 | | | |
| | 70 | 2034 | 1,6 | 20,77 | 18,9 | 10,5 | 27,3 | 25,7 | | | |
| | 84 | 1698 | 1,9 | 17,37 | 19,4 | 10,4 | 27,6 | 25 | | | |
| | 40 | 3626 | 0,8 | 37,05 | 14,8 | 9,4 | 24,6 | 26,8 | **SK 62 - 160 LP/4** | 253 | C80 |
| | 81 | 1775 | 1,7 | 18,14 | 19,2 | 10,7 | 27,5 | 25,4 | | | |
| | 93 | 1545 | 1,9 | 15,80 | 19,5 | 10,7 | 27,7 | 24,9 | | | |
| | 105 | 1360 | 2,3 | 13,92 | 19,8 | 10,6 | 27,9 | 24,4 | | | |
| | 126 | 1134 | 2,7 | 11,59 | 20 | 10,5 | 28 | 23,5 | | | |
| | 139 | 1029 | 3,0 | 10,55 | 20 | 10,2 | 28,1 | 23 | | | |
| | 167 | 858 | 3,5 | 8,78 | 20,2 | 10 | 28,2 | 22,1 | | | |
| | 61 | 2336 | 0,8 | 23,92 | 0,6 | 1,5 | 12,2 | 29 | **SK 52 - 160 LP/4** | 196 | C78 |
| | 68 | 2117 | 0,9 | 21,68 | 1,8 | 20,8 | 14,7 | 28,8 | | | |
| | 75 | 1913 | 1,0 | 19,60 | 3,8 | 20,5 | 15,8 | 28,4 | | | |
| | 82 | 1741 | 1,1 | 17,81 | 5,3 | 20,2 | 16,8 | 27,8 | | | |
| | 105 | 1368 | 1,4 | 14,00 | 8 | 19,1 | 18,2 | 26,5 | | | |
| | 109 | 1316 | 1,4 | 13,45 | 9,9 | 19,4 | 19 | 26,6 | | | |
| | 139 | 1034 | 1,7 | 10,58 | 9,7 | 18,1 | 19,4 | 25,2 | | | |
| | 166 | 864 | 1,9 | 8,83 | 9,3 | 17,2 | 19,5 | 24,2 | | | |
| | 190 | 753 | 2,1 | 7,70 | 9,2 | 16,8 | 19,6 | 23,6 | | | |
| | 201 | 713 | 2,2 | 7,27 | 9 | 16,4 | 19,6 | 23,2 | | | |
| | 228 | 629 | 2,4 | 6,42 | 8,8 | 15,8 | 19,7 | 22,6 | | | |
| | 240 | 598 | 2,5 | 6,09 | 8,7 | 15,7 | 19,7 | 22,4 | | | |
| | 253 | 565 | 2,5 | 5,79 | 8,6 | 15,4 | 19,7 | 22 | | | |
| | 262 | 547 | 2,1 | 5,60 | 8,3 | 14,9 | 19,7 | 21,6 | | | |
| | 287 | 499 | 2,7 | 5,08 | 8,3 | 14,8 | 19,8 | 21,4 | | | |
| | 317 | 451 | 2,6 | 4,61 | 8 | 14 | 19,8 | 20,7 | | | |
| | 359 | 399 | 2,8 | 4,08 | 7,8 | 13,5 | 19,8 | 20,1 | | | |
| | 400 | 358 | 3,0 | 3,67 | 7,6 | 13,1 | 19,8 | 19,6 | | | |
| | 432 | 332 | 3,0 | 3,40 | 7,4 | 12,8 | 19,6 | 19,2 | | | |
| | 453 | 316 | 3,0 | 3,23 | 7,3 | 12,5 | 19,5 | 19 | | | |
| | 97 | 1477 | 0,8 | 15,12 | 0,1 | 0,2 | 2,8 | 1,7 | **SK 42 - 160 LP/4** | 167 | C76 |
| | 102 | 1406 | 0,8 | 14,38 | 0,1 | 0,6 | 4,6 | 2,1 | | | |
| | 119 | 1200 | 1,0 | 12,28 | 0,1 | 1,1 | 7,1 | 2,6 | | | |
| | 144 | 997 | 1,2 | 10,20 | 0,2 | 1,5 | 8,1 | 3,1 | | | |
| | 172 | 831 | 1,3 | 8,50 | 0,2 | 1,9 | 8,4 | 3,3 | | | |
| | 202 | 711 | 1,5 | 7,28 | 0,2 | 3,1 | 8,8 | 3,6 | | | |
| | 220 | 651 | 1,8 | 6,65 | 1,9 | 3,5 | 9,2 | 3,9 | | | |
| | 237 | 606 | 1,8 | 6,19 | 2 | 3,5 | 9,1 | 3,9 | | | |
| | 254 | 564 | 2,0 | 5,75 | 2,9 | 3,8 | 9,3 | 4,1 | | | |
| | 273 | 524 | 1,6 | 5,35 | 1,7 | 3,2 | 8,6 | 3,7 | | | |
| | 287 | 499 | 2,0 | 5,10 | 2,9 | 3,8 | 9,2 | 4,1 | | | |
| | 320 | 448 | 1,7 | 4,58 | 2,7 | 3,4 | 8,7 | 3,8 | | | |
| | 375 | 382 | 1,8 | 3,89 | 2,8 | 3,6 | 8,8 | 3,9 | | | |
| | 419 | 342 | 1,9 | 3,50 | 2,8 | 3,7 | 8,8 | 4 | | | |
| | 456 | 314 | 2,0 | 3,21 | 2,8 | 3,7 | 8,7 | 4 | | | |
| | 484 | 296 | 2,0 | 3,02 | 2,8 | 3,7 | 8,7 | 4 | | | |
| | 512 | 280 | 1,6 | 2,86 | - | 4,8 | 4,8 | 7,9 | **SK 51E - 160 LP/4** | 157 | C67 |
| | 586 | 244 | 1,7 | 2,50 | - | 4,7 | 4,8 | 7,6 | | | |
| | 710 | 202 | 1,9 | 2,06 | - | 4,5 | 4,6 | 7,2 | | | |
| | 586 | 244 | 1,1 | 2,50 | - | 2,7 | 2 | 5,6 | **SK 41E - 160 LP/4** | 148 | C66 |
| | 685 | 209 | 1,2 | 2,14 | - | 2,7 | 2,1 | 5,4 | | | |

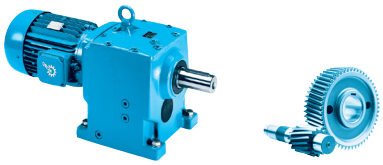
# 18,5 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18,5 | 8,0 | 22060 | 0,9 | 184,62 | 87,9 | 72,3 | 116,4 | 120 | **SK 103/52 - 180 MP/4** | 944 | C89 |
| | 9,6 | 18480 | 1,1 | 154,63 | 92,5 | 72,5 | 119,6 | 120 | | | C91 |
| | 12 | 14650 | 1,4 | 122,42 | 96,3 | 71,8 | 120 | 120 | | | |
| | 14 | 12590 | 1,6 | 105,36 | 97,9 | 70,9 | 120 | 120 | | | |
| | 18 | 9724 | 2,1 | 81,40 | 99,8 | 68,6 | 120 | 118,9 | **SK 103 - 180 MP/4** | 870 | C89 |
| | 21 | 8405 | 2,4 | 70,38 | 100,4 | 67,1 | 120 | 115,9 | | | |
| | 24 | 7252 | 2,8 | 60,71 | 101 | 65,5 | 120 | 112,5 | | | |
| | 28 | 6327 | 3,2 | 52,98 | 101,3 | 64 | 120 | 109,1 | | | |
| | 12 | 15200 | 0,8 | 127,50 | 52,9 | 40,5 | 84,1 | 80 | **SK 93/52 - 180 MP/4** | 725 | C87 |
| | 14 | 12650 | 1,0 | 106,25 | 57,5 | 41,4 | 87,1 | 80 | | | C91 |
| | 16 | 11150 | 1,3 | 93,34 | 59,7 | 41,7 | 88,6 | 80 | **SK 93 - 180 MP/4** | 651 | C87 |
| | 20 | 8645 | 1,6 | 72,47 | 62,6 | 41,7 | 90,6 | 80 | | | |
| | 24 | 7361 | 1,7 | 61,63 | 63,8 | 41,3 | 91,4 | 80 | | | |
| | 28 | 6416 | 1,9 | 53,80 | 64,5 | 40,8 | 91,9 | 80 | | | |
| | 32 | 5566 | 2,2 | 46,57 | 65,1 | 40,1 | 92,3 | 80 | | | |
| | 38 | 4710 | 2,6 | 39,54 | 65,6 | 39,2 | 92,6 | 80 | | | |
| | 18 | 9625 | 0,9 | 80,62 | 32,9 | 17,5 | 54,9 | 58,1 | **SK 83 - 180 MP/4** | 472 | C85 |
| | 21 | 8378 | 1,1 | 70,24 | 36,3 | 18,5 | 57 | 58,1 | | | |
| | 24 | 7375 | 1,2 | 61,89 | 38,5 | 19,3 | 58,5 | 57,9 | | | |
| | 29 | 6150 | 1,5 | 51,51 | 40,8 | 20 | 60 | 57 | | | |
| | 33 | 5293 | 1,7 | 44,38 | 42 | 20,3 | 60,8 | 56,2 | | | |
| | 38 | 4656 | 1,9 | 39,08 | 42,8 | 20,5 | 61,4 | 55,2 | | | |
| | 46 | 3882 | 2,2 | 32,52 | 43,6 | 20,5 | 62 | 53,6 | | | |
| | 53 | 3342 | 2,4 | 28,03 | 44,1 | 20,4 | 62,3 | 52,3 | | | |
| | 61 | 2910 | 2,7 | 24,42 | 44,4 | 20,1 | 62,5 | 50,9 | | | |
| | 71 | 2505 | 3,2 | 21,04 | 44,7 | 19,9 | 62,1 | 49,5 | | | |
| | 24 | 7212 | 0,8 | 60,46 | 11,8 | 4,2 | 25,4 | 30 | **SK 73 - 180 MP/4** | 365 | C83 |
| | 28 | 6241 | 0,9 | 52,24 | 17,5 | 5,6 | 29 | 30,7 | | | |
| | 32 | 5451 | 1,0 | 45,66 | 20,6 | 6,5 | 31,5 | 31,2 | | | |
| | 39 | 4497 | 1,1 | 37,63 | 23,4 | 7,6 | 34 | 31,4 | | | |
| | 44 | 3972 | 1,3 | 33,24 | 24,6 | 8,2 | 35 | 31,3 | | | |
| | 52 | 3384 | 1,5 | 28,32 | 25,7 | 8,7 | 35,8 | 31,1 | | | |
| | 63 | 2792 | 1,8 | 23,34 | 26,3 | 9,1 | 36,3 | 30,6 | | | |
| | 72 | 2466 | 2,0 | 20,62 | 26,6 | 9,3 | 36,4 | 30,1 | | | |
| | 82 | 2150 | 2,3 | 18,00 | 26,6 | 9,4 | 36,2 | 29,6 | | | |
| | 68 | 2592 | 1,6 | 21,72 | 26,8 | 9,5 | 37 | 30,6 | **SK 72 - 180 MP/4** | 355 | C82 |
| | 88 | 2009 | 2,0 | 16,86 | 27 | 9,6 | 36,5 | 29,5 | | | |
| | 103 | 1711 | 2,4 | 14,33 | 26,7 | 9,6 | 36 | 28,7 | | | |
| | 118 | 1491 | 2,7 | 12,52 | 26,4 | 9,6 | 35,1 | 28 | | | |
| | 41 | 4314 | 0,9 | 36,11 | 11,6 | 7,1 | 21,3 | 23,7 | **SK 63 - 180 MP/4** | 284 | C81 |
| | 48 | 3689 | 1,0 | 30,91 | 14,5 | 7,9 | 23,7 | 24,1 | | | |
| | 56 | 3143 | 1,0 | 26,28 | 16,4 | 8,6 | 25,6 | 24,2 | | | |
| | 67 | 2623 | 1,2 | 21,98 | 17,7 | 8,8 | 26,2 | 23,8 | | | |
| | 71 | 2484 | 1,3 | 20,77 | 18 | 9,2 | 26,7 | 24,1 | | | |
| | 85 | 2073 | 1,5 | 17,37 | 18,8 | 9,3 | 27,2 | 23,5 | | | |
| | 82 | 2167 | 1,4 | 18,14 | 18,6 | 9,6 | 27,1 | 24 | **SK 62 - 180 MP/4** | 286 | C80 |
| | 94 | 1887 | 1,6 | 15,80 | 19,1 | 9,7 | 27,4 | 23,7 | | | |
| | 106 | 1661 | 1,9 | 13,92 | 19,4 | 9,8 | 27,6 | 23,3 | | | |
| | 128 | 1385 | 2,2 | 11,59 | 19,7 | 9,8 | 27,9 | 22,7 | | | |
| | 141 | 1256 | 2,5 | 10,55 | 19,9 | 9,5 | 27,4 | 22,1 | | | |
| | 169 | 1047 | 2,9 | 8,78 | 20 | 9,4 | 27 | 21,4 | | | |
| | 196 | 901 | 3,5 | 7,56 | 20,1 | 9,3 | 26,6 | 20,8 | | | |
| | 233 | 758 | 2,5 | 6,35 | 20,2 | 8,8 | 25,3 | 19,8 | | | |
| | 280 | 632 | 3,0 | 5,29 | 20,3 | 8,6 | 24,6 | 19,1 | | | |
| | 76 | 2336 | 0,8 | 19,60 | 0,2 | 1 | 9,2 | 26,8 | **SK 52 - 180 MP/4** | 229 | C78 |
| | 83 | 2126 | 0,9 | 17,81 | 0,5 | 1,3 | 10,8 | 26,5 | | | |
| | 106 | 1670 | 1,1 | 14,00 | 2,1 | 17,2 | 13,2 | 25,4 | | | |
| | 110 | 1607 | 1,2 | 13,45 | 4,7 | 17,6 | 15,2 | 25,5 | | | |
| | 140 | 1263 | 1,4 | 10,58 | 7,1 | 16,7 | 16,6 | 24,3 | | | |
| | 168 | 1054 | 1,6 | 8,83 | 8,6 | 16 | 17,3 | 23,4 | | | |
| | 192 | 920 | 1,7 | 7,70 | 8,7 | 15,7 | 18,6 | 22,9 | | | |
| | 203 | 870 | 1,8 | 7,27 | 8,5 | 15,4 | 18,4 | 22,5 | | | |
| | 230 | 768 | 1,9 | 6,42 | 8,4 | 14,9 | 18,8 | 22 | | | |
| | 242 | 729 | 2,0 | 6,09 | 8,4 | 14,9 | 19,3 | 21,8 | | | |



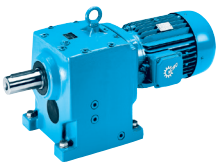
IE3

# 18,5 kW
# 22,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **18,5** | 256 | 690 | 2,1 | 5,79 | 8,2 | 14,6 | 19,1 | 21,5 | **SK 52 - 180 MP/4** | 229 | C78 |
| | 265 | 668 | 1,8 | 5,60 | 7,9 | 14 | 17,8 | 21,1 | | | |
| | 290 | 609 | 2,2 | 5,08 | 8 | 14,1 | 19,2 | 20,9 | | | |
| | 321 | 551 | 2,2 | 4,61 | 7,7 | 13,3 | 18,2 | 20,2 | | | |
| | 363 | 487 | 2,3 | 4,08 | 7,5 | 12,9 | 18,3 | 19,7 | | | |
| | 404 | 437 | 2,4 | 3,67 | 7,3 | 12,5 | 18,3 | 19,2 | | | |
| | 436 | 405 | 2,5 | 3,40 | 7,2 | 12,2 | 18,3 | 18,9 | | | |
| | 458 | 386 | 2,5 | 3,23 | 7,1 | 12,1 | 18,3 | 18,6 | | | |
| | 533 | 332 | 2,7 | 2,78 | 6,8 | 11,5 | 18,1 | 18 | | | |
| | 121 | 1465 | 0,8 | 12,28 | 0,1 | 0,1 | 0,6 | 1,1 | **SK 42 - 180 MP/4** | 200 | C76 |
| | 145 | 1217 | 1,0 | 10,20 | 0,1 | 0,5 | 4,1 | 1,9 | | | |
| | 174 | 1015 | 1,1 | 8,50 | 0,1 | 0,8 | 6,3 | 2,3 | | | |
| | 204 | 868 | 1,2 | 7,28 | 0,1 | 1,2 | 7,3 | 2,7 | | | |
| | 222 | 795 | 1,5 | 6,65 | 0,1 | 1,8 | 7,8 | 3,1 | | | |
| | 239 | 739 | 1,5 | 6,19 | 0,1 | 2,3 | 7,8 | 3,1 | | | |
| | 257 | 688 | 1,6 | 5,75 | 0,1 | 2,7 | 8,2 | 3,4 | | | |
| | 276 | 639 | 1,3 | 5,35 | 0,8 | 2,7 | 7,3 | 2,9 | | | |
| | 290 | 609 | 1,6 | 5,10 | 0,9 | 2,8 | 8,2 | 3,4 | | | |
| | 323 | 547 | 1,4 | 4,58 | 0,2 | 2,4 | 7,7 | 3,2 | | | |
| | 379 | 466 | 1,5 | 3,89 | 1,8 | 2,8 | 7,9 | 3,4 | | | |
| | 423 | 418 | 1,6 | 3,50 | 2,4 | 2,9 | 7,9 | 3,5 | | | |
| | 460 | 384 | 1,6 | 3,21 | 2,5 | 3 | 8 | 3,5 | | | |
| | 489 | 362 | 1,7 | 3,02 | 2,5 | 3 | 8 | 3,6 | | | |
| | 517 | 342 | 1,3 | 2,86 | - | 4,2 | 4 | 7,2 | **SK 51E - 180 MP/4** | 190 | C67 |
| | 592 | 298 | 1,4 | 2,50 | - | 4,1 | 4,1 | 7 | | | |
| | 718 | 246 | 1,6 | 2,06 | - | 3,9 | 4,1 | 6,7 | | | |
| **22,0** | 8,0 | 26320 | 0,8 | 184,62 | 81,1 | 65,9 | 111,8 | 120 | **SK 103/52 - 180 LP/4** | 944 | C89 C91 |
| | 9,5 | 22050 | 0,9 | 154,63 | 88 | 66,9 | 116,5 | 120 | | | |
| | 12 | 17480 | 1,1 | 122,42 | 93,6 | 67,3 | 120 | 120 | | | |
| | 14 | 15030 | 1,3 | 105,36 | 96 | 67 | 120 | 119,5 | | | |
| | 18 | 11600 | 1,8 | 81,40 | 98,6 | 65,7 | 120 | 115,2 | **SK 103 - 180 LP/4** | 870 | C89 |
| | 21 | 10030 | 2,0 | 70,38 | 99,6 | 64,6 | 120 | 112,5 | | | |
| | 24 | 8653 | 2,3 | 60,71 | 100,3 | 63,3 | 120 | 109,6 | | | |
| | 28 | 7549 | 2,6 | 52,98 | 100,8 | 62 | 120 | 106,8 | | | |
| | 33 | 6456 | 3,1 | 45,25 | 101,3 | 60,3 | 120 | 103,3 | | | |
| | 16 | 13310 | 1,1 | 93,34 | 56,6 | 38 | 86,5 | 80 | **SK 93 - 180 LP/4** | 651 | C87 |
| | 20 | 10310 | 1,3 | 72,47 | 60,8 | 38,8 | 89,3 | 80 | | | |
| | 24 | 8783 | 1,4 | 61,63 | 62,5 | 38,8 | 90,5 | 80 | | | |
| | 27 | 7656 | 1,6 | 53,80 | 63,6 | 38,6 | 91,2 | 80 | | | |
| | 32 | 6642 | 1,8 | 46,57 | 64,4 | 38,2 | 91,8 | 80 | | | |
| | 37 | 5621 | 2,2 | 39,54 | 65,1 | 37,6 | 92,2 | 80 | | | |
| | 47 | 4449 | 2,7 | 31,25 | 65,7 | 36,5 | 90,2 | 79,6 | | | |
| | 54 | 3860 | 3,2 | 27,05 | 66 | 35,8 | 88,1 | 77,2 | | | |
| | 64 | 3266 | 3,7 | 22,97 | 66,2 | 34,7 | 85,5 | 74,4 | | | |
| | 77 | 2730 | 4,5 | 19,12 | 66,4 | 33,5 | 82,5 | 71,3 | | | |
| | 18 | 11480 | 0,8 | 80,62 | 26,1 | 13,7 | 51,1 | 53,3 | **SK 83 - 180 LP/4** | 472 | C85 |
| | 21 | 9997 | 0,9 | 70,24 | 31,8 | 15,3 | 54,3 | 53,9 | | | |
| | 24 | 8801 | 1,0 | 61,89 | 35,3 | 16,4 | 56,4 | 53,9 | | | |
| | 29 | 7338 | 1,2 | 51,51 | 38,7 | 17,6 | 58,6 | 53,9 | | | |
| | 33 | 6316 | 1,4 | 44,38 | 40,5 | 18,2 | 59,8 | 53,3 | | | |
| | 38 | 5556 | 1,6 | 39,08 | 41,7 | 18,6 | 60,6 | 52,8 | | | |
| | 45 | 4633 | 1,8 | 32,52 | 42,9 | 19 | 61,4 | 51,7 | | | |
| | 53 | 3987 | 2,0 | 28,03 | 43,5 | 19 | 61,9 | 50,6 | | | |
| | 60 | 3473 | 2,3 | 24,42 | 44 | 19 | 61,6 | 49,5 | | | |
| | 70 | 2989 | 2,7 | 21,04 | 44,4 | 18,9 | 60,6 | 48,2 | | | |
| | 89 | 2358 | 2,8 | 16,56 | 44,8 | 18,5 | 57,9 | 46,1 | **SK 82 - 180 LP/4** | 464 | C84 |
| | 103 | 2035 | 3,2 | 14,29 | 44,9 | 18,2 | 56,1 | 44,7 | | | |
| | 32 | 6505 | 0,8 | 45,66 | 15,6 | 4,2 | 24,5 | 28 | **SK 73 - 180 LP/4** | 365 | C83 |
| | 39 | 5366 | 0,9 | 37,63 | 19 | 5,7 | 28,3 | 28,8 | | | |
| | 44 | 4739 | 1,1 | 33,24 | 20,6 | 6,5 | 30,1 | 29 | | | |
| | 52 | 4038 | 1,2 | 28,32 | 22,3 | 7,2 | 31,8 | 29,1 | | | |
| | 63 | 3331 | 1,5 | 23,34 | 23,6 | 7,9 | 33 | 29 | | | |
| | 71 | 2942 | 1,7 | 20,62 | 24,1 | 8,2 | 33,5 | 28,8 | | | |
| | 82 | 2566 | 1,9 | 18,00 | 24,5 | 8,5 | 33,8 | 28,3 | | | |

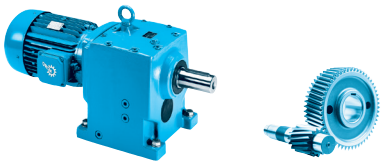
# 22,0 kW
# 30,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,0 | 68 | 3093 | 1,3 | 21,72 | 24,5 | 8,4 | 34 | 29,1 | **SK 72 - 180 LP/4** | 355 | C82 |
| | 88 | 2398 | 1,7 | 16,86 | 25 | 8,8 | 34,3 | 28,4 | | | |
| | 103 | 2041 | 2,0 | 14,33 | 25,1 | 8,9 | 34,1 | 27,7 | | | |
| | 118 | 1780 | 2,3 | 12,52 | 25 | 9 | 33,8 | 27,1 | | | |
| | 136 | 1546 | 3,0 | 10,84 | 24,3 | 8,8 | 32,8 | 26,3 | | | |
| | 48 | 4402 | 0,8 | 30,91 | 11,1 | 6 | 18,3 | 21,7 | **SK 63 - 180 LP/4** | 284 | C81 |
| | 56 | 3750 | 0,9 | 26,28 | 14,3 | 6,9 | 20,9 | 22,2 | | | |
| | 67 | 3130 | 1,0 | 21,98 | 16,4 | 7,4 | 22,3 | 22,1 | | | |
| | 71 | 2963 | 1,1 | 20,77 | 16,9 | 7,9 | 23,7 | 22,5 | | | |
| | 85 | 2473 | 1,3 | 17,37 | 18 | 8,2 | 24,2 | 22,1 | | | |
| | 81 | 2586 | 1,2 | 18,14 | 17,8 | 8,5 | 25 | 22,6 | **SK 62 - 180 LP/4** | 286 | C80 |
| | 93 | 2251 | 1,3 | 15,80 | 18,5 | 8,7 | 25,7 | 22,4 | | | |
| | 106 | 1982 | 1,6 | 13,92 | 18,9 | 8,9 | 26 | 22,2 | | | |
| | 127 | 1652 | 1,9 | 11,59 | 19,4 | 9 | 26,3 | 21,8 | | | |
| | 140 | 1499 | 2,1 | 10,55 | 19,6 | 8,8 | 25,6 | 21,2 | | | |
| | 168 | 1250 | 2,4 | 8,78 | 19,9 | 8,9 | 25,6 | 20,7 | | | |
| | 195 | 1076 | 2,9 | 7,56 | 20 | 8,8 | 25,4 | 20,2 | | | |
| | 232 | 904 | 2,1 | 6,35 | 20,1 | 8,4 | 24 | 19,2 | | | |
| | 279 | 754 | 2,5 | 5,29 | 19,7 | 8,2 | 23,6 | 18,6 | | | |
| | 324 | 649 | 3,2 | 4,56 | 19,3 | 8,1 | 23,2 | 18 | | | |
| | 363 | 578 | 3,3 | 4,05 | 19 | 8 | 22,8 | 17,6 | | | |
| | 377 | 557 | 3,6 | 3,91 | 18,9 | 7,9 | 22,6 | 17,5 | | | |
| | 397 | 529 | 3,8 | 3,72 | 18,7 | 7,9 | 22,4 | 17,3 | | | |
| | 83 | 2537 | 0,8 | 17,81 | 0,1 | 1 | 4,3 | 25 | **SK 52 - 180 LP/4** | 229 | C78 |
| | 105 | 1993 | 1,0 | 14,00 | 0,4 | 1,2 | 8,1 | 24,1 | | | |
| | 110 | 1917 | 1,0 | 13,45 | 1,3 | 1,2 | 10,7 | 24,4 | | | |
| | 139 | 1506 | 1,2 | 10,58 | 2,6 | 15,2 | 12,8 | 23,4 | | | |
| | 167 | 1258 | 1,3 | 8,83 | 4,8 | 14,8 | 14,1 | 22,6 | | | |
| | 191 | 1098 | 1,5 | 7,70 | 7,5 | 14,7 | 15,9 | 22,3 | | | |
| | 202 | 1038 | 1,5 | 7,27 | 7,4 | 14,3 | 15,7 | 21,9 | | | |
| | 229 | 917 | 1,6 | 6,42 | 8 | 14 | 16,5 | 21,4 | | | |
| | 241 | 870 | 1,7 | 6,09 | 8 | 14,1 | 17,3 | 21,4 | | | |
| | 255 | 824 | 1,7 | 5,79 | 7,9 | 13,7 | 17 | 21 | | | |
| | 264 | 797 | 1,5 | 5,60 | 7,6 | 13,1 | 15,5 | 20,5 | | | |
| | 289 | 727 | 1,9 | 5,08 | 7,7 | 13,4 | 17,4 | 20,5 | | | |
| | 320 | 657 | 1,8 | 4,61 | 7,4 | 12,7 | 16,4 | 19,8 | | | |
| | 362 | 581 | 1,9 | 4,08 | 7,2 | 12,3 | 16,7 | 19,3 | | | |
| | 403 | 522 | 2,0 | 3,67 | 7,1 | 11,9 | 16,9 | 18,8 | | | |
| | 435 | 483 | 2,1 | 3,40 | 7 | 11,7 | 17 | 18,5 | | | |
| | 456 | 460 | 2,1 | 3,23 | 6,9 | 11,6 | 17 | 18,4 | | | |
| | 531 | 396 | 2,2 | 2,78 | 6,7 | 11,1 | 17 | 17,7 | | | |
| | 145 | 1452 | 0,8 | 10,20 | 0,1 | 0,1 | 0,3 | 0,4 | **SK 42 - 180 LP/4** | 200 | C76 |
| | 174 | 1211 | 0,9 | 8,50 | 0,1 | 0,1 | 1,5 | 1,2 | | | |
| | 203 | 1035 | 1,0 | 7,28 | 0,1 | 0,2 | 4,4 | 1,8 | | | |
| | 222 | 948 | 1,2 | 6,65 | 0,2 | 0,2 | 6,4 | 2,3 | | | |
| | 238 | 882 | 1,2 | 6,19 | 0,2 | 0,2 | 6,5 | 2,3 | | | |
| | 256 | 821 | 1,4 | 5,75 | 0,4 | 0,4 | 7 | 2,7 | | | |
| | 275 | 763 | 1,1 | 5,35 | 0,1 | 0,2 | 6 | 2,2 | | | |
| | 289 | 726 | 1,4 | 5,10 | 0,4 | 0,4 | 7,1 | 2,8 | | | |
| | 322 | 653 | 1,2 | 4,58 | 0,3 | 0,3 | 6,6 | 2,5 | | | |
| | 378 | 556 | 1,3 | 3,89 | 0,1 | 0,3 | 6,9 | 2,8 | | | |
| | 421 | 499 | 1,3 | 3,50 | 0,4 | 2,1 | 7,1 | 3 | | | |
| | 459 | 458 | 1,4 | 3,21 | 1,2 | 2,3 | 7,2 | 3,1 | | | |
| | 487 | 432 | 1,4 | 3,02 | 1,7 | 2,4 | 7,3 | 3,1 | | | |
| | 515 | 408 | 1,1 | 2,86 | - | 3,6 | 3,2 | 6,6 | **SK 51E - 180 LP/4** | 190 | C67 |
| | 590 | 356 | 1,2 | 2,50 | - | 3,5 | 3,3 | 6,5 | | | |
| | 715 | 294 | 1,3 | 2,06 | - | 3,4 | 3,5 | 6,1 | | | |
| 30,0 | 18 | 15720 | 1,3 | 81,40 | 95,2 | 58,9 | 120 | 106,8 | **SK 103 - 225 RP/4** | 1030 | C89 |
| | 21 | 13580 | 1,5 | 70,38 | 97,1 | 58,9 | 120 | 105,3 | | | |
| | 24 | 11720 | 1,7 | 60,71 | 98,5 | 58,4 | 120 | 103,3 | | | |
| | 28 | 10220 | 2,0 | 52,98 | 99,4 | 57,6 | 120 | 101,2 | | | |
| | 33 | 8744 | 2,3 | 45,25 | 100,2 | 56,6 | 120 | 98,6 | | | |
| | 39 | 7325 | 2,7 | 37,90 | 100,9 | 55,2 | 120 | 95,7 | | | |
| | 21 | 13970 | 1,0 | 72,47 | 55 | 32 | 79,7 | 80 | **SK 93 - 225 RP/4** | 811 | C87 |
| | 24 | 11900 | 1,1 | 61,63 | 58,5 | 33 | 82,6 | 80 | | | |
| | 28 | 10370 | 1,2 | 53,80 | 60,6 | 33,6 | 83,9 | 80 | | | |



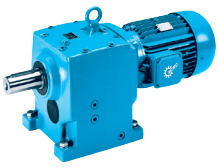
IE3

# 30,0 kW
# 37,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **30,0** | 32 | 8996 | 1,4 | 46,57 | 62,2 | 33,9 | 84,4 | 80 | **SK 93 - 225 RP/4** | 811 | C87 |
| | 38 | 7613 | 1,6 | 39,54 | 63,5 | 34 | 84,4 | 79 | | | |
| | 48 | 6027 | 2,0 | 31,25 | 64,8 | 33,6 | 83,3 | 76,2 | | | |
| | 55 | 5228 | 2,3 | 27,05 | 65,3 | 33,2 | 82,2 | 74,1 | | | |
| | 65 | 4424 | 2,8 | 22,97 | 65,7 | 32,6 | 80,6 | 71,8 | | | |
| | 77 | 3698 | 3,3 | 19,12 | 66 | 31,8 | 78,4 | 69,1 | | | |
| | 24 | 11920 | 0,8 | 61,89 | 24,2 | 9,9 | 40,3 | 29,3 | **SK 83 - 225 RP/4** | 632 | C85 |
| | 29 | 9939 | 0,9 | 51,51 | 31,6 | 12 | 46,5 | 46,5 | | | |
| | 33 | 8554 | 1,0 | 44,38 | 35,7 | 13,4 | 49,8 | 47,2 | | | |
| | 38 | 7525 | 1,2 | 39,08 | 38,1 | 14,4 | 52,1 | 47,2 | | | |
| | 46 | 6275 | 1,4 | 32,52 | 40,5 | 15,4 | 53,8 | 47,2 | | | |
| | 53 | 5400 | 1,5 | 28,03 | 41,8 | 16 | 54,8 | 46,8 | | | |
| | 61 | 4704 | 1,7 | 24,42 | 42,7 | 16,4 | 55 | 46 | | | |
| | 71 | 4048 | 2,0 | 21,04 | 43,1 | 16,6 | 55 | 45,4 | | | |
| | 90 | 3194 | 2,1 | 16,56 | 43,1 | 16,8 | 54,7 | 44 | **SK 82 - 225 RP/4** | 624 | C84 |
| | 104 | 2756 | 2,4 | 14,29 | 42,5 | 16,7 | 53,7 | 42,8 | | | |
| | 125 | 2285 | 3,1 | 11,84 | 41,4 | 16,3 | 51,8 | 41,2 | | | |
| | 45 | 6419 | 0,8 | 33,24 | 10,9 | 2,5 | 18,4 | 23,8 | **SK 73 - 225 RP/4** | 525 | C83 |
| | 52 | 5469 | 0,9 | 28,32 | 14,1 | 3,9 | 22 | 24,7 | | | |
| | 63 | 4512 | 1,1 | 23,34 | 17 | 5,2 | 25,2 | 25,3 | | | |
| | 72 | 3985 | 1,3 | 20,62 | 18,4 | 5,8 | 26,6 | 25,5 | | | |
| | 82 | 3475 | 1,4 | 18,00 | 19,6 | 6,3 | 27,9 | 25,5 | | | |
| | 88 | 3247 | 1,2 | 16,86 | 20,7 | 6,9 | 29 | 25,8 | **SK 72 - 225 RP/4** | 515 | C82 |
| | 104 | 2765 | 1,5 | 14,33 | 21,3 | 7,3 | 29,6 | 25,5 | | | |
| | 119 | 2410 | 1,7 | 12,52 | 21,7 | 7,5 | 30 | 25,3 | | | |
| | 137 | 2094 | 2,2 | 10,84 | 21,3 | 7,5 | 29,4 | 24,5 | | | |
| | 157 | 1825 | 2,6 | 9,46 | 21,5 | 7,6 | 29,3 | 24,1 | | | |
| | 181 | 1583 | 2,9 | 8,19 | 21,5 | 7,6 | 29,1 | 23,6 | | | |
| | 214 | 1340 | 3,2 | 6,95 | 21,3 | 7,7 | 28,8 | 23 | | | |
| | 231 | 1239 | 2,2 | 6,42 | 20,2 | 7,2 | 27,4 | 22,1 | | | |
| | 265 | 1080 | 2,6 | 5,60 | 20 | 7,2 | 27 | 21,6 | | | |
| | 306 | 937 | 3,1 | 4,85 | 19,8 | 7,2 | 26,4 | 21 | | | |
| | 107 | 2684 | 1,1 | 13,92 | 17,5 | 6,9 | 20,6 | 19,8 | **SK 62 - 225 RP/4** | 446 | C80 |
| | 128 | 2238 | 1,4 | 11,59 | 18,4 | 7,4 | 21,8 | 19,8 | | | |
| | 141 | 2030 | 1,5 | 10,55 | 18,2 | 7,3 | 21,4 | 19,4 | | | |
| | 169 | 1693 | 1,8 | 8,78 | 18,7 | 7,5 | 22,1 | 19,1 | | | |
| | 197 | 1457 | 2,1 | 7,56 | 18,9 | 7,7 | 22,4 | 18,8 | | | |
| | 234 | 1225 | 1,6 | 6,35 | 17,9 | 7,3 | 21,3 | 17,9 | | | |
| | 281 | 1021 | 1,8 | 5,29 | 17,9 | 7,4 | 21,4 | 17,5 | | | |
| | 326 | 879 | 2,4 | 4,56 | 17,8 | 7,3 | 21,2 | 17,1 | | | |
| | 366 | 783 | 2,4 | 4,05 | 17,6 | 7,3 | 21 | 16,8 | | | |
| | 380 | 755 | 2,7 | 3,91 | 17,6 | 7,3 | 21 | 16,7 | | | |
| | 399 | 717 | 2,8 | 3,72 | 17,4 | 7,3 | 20,9 | 16,6 | | | |
| | 448 | 640 | 3,1 | 3,30 | 17,2 | 7,2 | 20,6 | 16,2 | | | |
| | 500 | 573 | 3,4 | 2,97 | 17 | 7,1 | 20,3 | 15,9 | | | |
| **37,0** | 18 | 19380 | 1,1 | 81,40 | 91,4 | 53,3 | 118,8 | 99,6 | **SK 103 - 225 SP/4** | 1040 | C89 |
| | 21 | 16750 | 1,2 | 70,38 | 94,3 | 53,8 | 120 | 98,6 | | | |
| | 24 | 14450 | 1,4 | 60,71 | 96,4 | 53,9 | 120 | 97,5 | | | |
| | 28 | 12610 | 1,6 | 52,98 | 97,9 | 53,8 | 120 | 96,3 | | | |
| | 33 | 10780 | 1,9 | 45,25 | 99,2 | 53,3 | 118,6 | 94,6 | | | |
| | 39 | 9034 | 2,2 | 37,90 | 100,1 | 52,4 | 115,5 | 91,9 | | | |
| | 50 | 7048 | 2,8 | 29,62 | 101 | 50,8 | 110,5 | 88,2 | | | |
| | 59 | 6027 | 3,3 | 25,30 | 101,4 | 49,6 | 107,2 | 85,5 | | | |
| | 21 | 17230 | 0,8 | 72,47 | 48,2 | 26,1 | 64,6 | 76,2 | **SK 93 - 225 SP/4** | 826 | C87 |
| | 24 | 14670 | 0,9 | 61,63 | 54 | 28,1 | 70 | 76,5 | | | |
| | 28 | 12790 | 1,0 | 53,80 | 57,3 | 29,3 | 72,8 | 76,3 | | | |
| | 32 | 11090 | 1,1 | 46,57 | 59,8 | 30,1 | 75,4 | 75,7 | | | |
| | 38 | 9389 | 1,3 | 39,54 | 61,8 | 30,8 | 76,6 | 74,8 | | | |
| | 48 | 7433 | 1,6 | 31,25 | 63,7 | 31 | 77,2 | 72,6 | | | |
| | 55 | 6448 | 1,9 | 27,05 | 64,5 | 31 | 76,9 | 71,2 | | | |
| | 65 | 5456 | 2,2 | 22,97 | 65,2 | 30,7 | 76,2 | 69,2 | | | |
| | 77 | 4561 | 2,7 | 19,12 | 65,7 | 30,1 | 74,9 | 66,9 | | | |
| | 90 | 3918 | 2,7 | 16,47 | 65,9 | 29,8 | 73,6 | 65,2 | **SK 92 - 225 SP/4** | 815 | C86 |
| | 103 | 3416 | 3,2 | 14,36 | 65,8 | 29,2 | 72 | 63,5 | | | |
| | 120 | 2948 | 3,6 | 12,39 | 64 | 28,4 | 70,2 | 61,3 | | | |

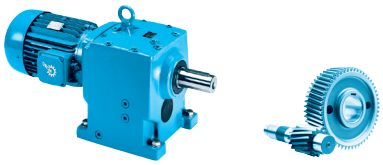
# 37,0 kW
# 45,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 37,0 | 33 | 10550 | 0,8 | 44,38 | 28,6 | 9,4 | 38,8 | 41,8 | **SK 83 - 225 SP/4** | 647 | C85 |
| | 38 | 9281 | 1,0 | 39,08 | 31,6 | 10,8 | 42,2 | 42,5 | | | |
| | 46 | 7739 | 1,1 | 32,52 | 34,9 | 12,5 | 46 | 43,1 | | | |
| | 53 | 6661 | 1,2 | 28,03 | 36,8 | 13,4 | 48 | 43,2 | | | |
| | 61 | 5801 | 1,4 | 24,42 | 37,9 | 14,1 | 49,3 | 43,1 | | | |
| | 71 | 4993 | 1,6 | 21,04 | 38,8 | 14,7 | 49,9 | 42,7 | | | |
| | 90 | 3940 | 1,7 | 16,56 | 39,8 | 15,3 | 50,7 | 41,8 | **SK 82 - 225 SP/4** | 639 | C84 |
| | 104 | 3399 | 1,9 | 14,29 | 39,7 | 15,3 | 50,4 | 41 | | | |
| | 125 | 2819 | 2,5 | 11,84 | 39 | 15,2 | 49,3 | 39,8 | | | |
| | 144 | 2459 | 2,8 | 10,33 | 38,5 | 15,1 | 48,7 | 38,8 | | | |
| | 168 | 2103 | 3,1 | 8,82 | 37,8 | 14,9 | 47,3 | 37,6 | | | |
| | 201 | 1762 | 3,6 | 7,39 | 36,9 | 14,7 | 45,5 | 36,3 | | | |
| | 239 | 1476 | 2,9 | 6,19 | 35 | 13,9 | 43,2 | 34,5 | | | |
| | 63 | 5565 | 0,9 | 23,34 | 11,2 | 2,8 | 18,2 | 22,1 | **SK 73 - 225 SP/4** | 540 | C83 |
| | 72 | 4915 | 1,0 | 20,62 | 13,3 | 3,7 | 20,5 | 22,7 | | | |
| | 82 | 4286 | 1,2 | 18,00 | 15,2 | 4,5 | 22,6 | 23 | | | |
| | 88 | 4005 | 1,0 | 16,86 | 16,6 | 5,2 | 24,3 | 23,6 | **SK 72 - 225 SP/4** | 530 | C82 |
| | 104 | 3410 | 1,2 | 14,33 | 18 | 5,8 | 25,8 | 23,7 | | | |
| | 119 | 2973 | 1,4 | 12,52 | 18,8 | 6,3 | 26,6 | 23,6 | | | |
| | 137 | 2582 | 1,8 | 10,84 | 18,7 | 6,3 | 26,3 | 23 | | | |
| | 157 | 2251 | 2,1 | 9,46 | 19,2 | 6,6 | 26,6 | 22,8 | | | |
| | 181 | 1953 | 2,4 | 8,19 | 19,5 | 6,8 | 26,8 | 22,4 | | | |
| | 214 | 1652 | 2,6 | 6,95 | 19,6 | 6,9 | 26,8 | 22 | | | |
| | 231 | 1528 | 1,8 | 6,42 | 18,4 | 6,5 | 25,3 | 21 | | | |
| | 265 | 1332 | 2,1 | 5,60 | 18,5 | 6,5 | 25,3 | 20,7 | | | |
| | 306 | 1155 | 2,5 | 4,85 | 18,4 | 6,6 | 25,1 | 20,2 | | | |
| | 361 | 978 | 2,7 | 4,12 | 18,3 | 6,6 | 24,7 | 19,7 | | | |
| | 107 | 3310 | 0,9 | 13,92 | 14,2 | 5,3 | 15,8 | 17,7 | **SK 62 - 225 SP/4** | 461 | C80 |
| | 128 | 2760 | 1,1 | 11,59 | 15,7 | 6 | 17,9 | 18 | | | |
| | 141 | 2504 | 1,2 | 10,55 | 15,4 | 5,9 | 17,8 | 17,7 | | | |
| | 169 | 2088 | 1,4 | 8,78 | 16,3 | 6,4 | 19,1 | 17,7 | | | |
| | 197 | 1797 | 1,7 | 7,56 | 16,8 | 6,7 | 19,7 | 17,7 | | | |
| | 234 | 1510 | 1,3 | 6,35 | 16 | 6,4 | 18,8 | 16,8 | | | |
| | 281 | 1259 | 1,5 | 5,29 | 16,3 | 6,6 | 19,3 | 16,5 | | | |
| | 326 | 1084 | 1,9 | 4,56 | 16,3 | 6,7 | 19,5 | 16,3 | | | |
| | 366 | 966 | 2,0 | 4,05 | 16,3 | 6,7 | 19,5 | 16 | | | |
| | 380 | 931 | 2,2 | 3,91 | 16,3 | 6,7 | 19,5 | 16 | | | |
| | 399 | 884 | 2,3 | 3,72 | 16,3 | 6,7 | 19,5 | 15,9 | | | |
| | 448 | 789 | 2,5 | 3,30 | 16,2 | 6,7 | 19,4 | 15,6 | | | |
| | 500 | 706 | 2,8 | 2,97 | 16,1 | 6,7 | 19,2 | 15,3 | | | |
| 45,0 | 21 | 20380 | 1,0 | 70,38 | 90,1 | 47,9 | 107,7 | 91,3 | **SK 103 - 225 MP/4** | 1080 | C89 |
| | 24 | 17580 | 1,1 | 60,71 | 93,4 | 48,8 | 110,5 | 91,2 | | | |
| | 28 | 15340 | 1,3 | 52,98 | 95,7 | 49,4 | 112,5 | 90,9 | | | |
| | 33 | 13120 | 1,5 | 45,25 | 97,5 | 49,6 | 112,7 | 89,6 | | | |
| | 39 | 10990 | 1,8 | 37,90 | 99 | 49,2 | 110,6 | 88,2 | | | |
| | 50 | 8572 | 2,3 | 29,62 | 100,4 | 48,4 | 106,7 | 84,9 | | | |
| | 59 | 7330 | 2,7 | 25,30 | 100,9 | 47,6 | 103,9 | 82,9 | | | |
| | 70 | 6141 | 3,3 | 21,19 | 101,4 | 46,3 | 100,5 | 80,1 | | | |
| | 28 | 15560 | 0,8 | 53,80 | 52,2 | 24,3 | 60 | 70,2 | **SK 93 - 225 MP/4** | 861 | C87 |
| | 32 | 13490 | 0,9 | 46,57 | 56,2 | 25,9 | 64,3 | 70,3 | | | |
| | 38 | 11420 | 1,1 | 39,54 | 59,3 | 27,2 | 67,4 | 70,2 | | | |
| | 48 | 9040 | 1,3 | 31,25 | 62,2 | 28,1 | 70,1 | 69 | | | |
| | 55 | 7842 | 1,6 | 27,05 | 63,4 | 28,4 | 70,8 | 68,1 | | | |
| | 65 | 6636 | 1,8 | 22,97 | 64,3 | 28,6 | 71 | 66,7 | | | |
| | 77 | 5547 | 2,2 | 19,12 | 65,1 | 28,4 | 70,5 | 64,7 | | | |
| | 90 | 4765 | 2,2 | 16,47 | 64,5 | 28,2 | 70,1 | 63,3 | **SK 92 - 225 MP/4** | 850 | C86 |
| | 103 | 4155 | 2,6 | 14,36 | 63,2 | 27,8 | 69 | 61,7 | | | |
| | 120 | 3586 | 3,0 | 12,39 | 61,9 | 27,3 | 67,6 | 59,9 | | | |
| | 46 | 9412 | 0,9 | 32,52 | 26,9 | 8,9 | 36,5 | 38,6 | **SK 83 - 225 MP/4** | 682 | C85 |
| | 53 | 8101 | 1,0 | 28,03 | 29,9 | 10,4 | 39,9 | 39,3 | | | |
| | 61 | 7056 | 1,1 | 24,42 | 32,1 | 11,5 | 42,3 | 39,6 | | | |
| | 71 | 6072 | 1,3 | 21,04 | 33,8 | 12,4 | 44,3 | 39,8 | | | |



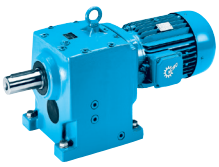
IE3

# 45,0 kW
# 55,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **45,0** | 90 | 4792 | 1,4 | 16,56 | 35,9 | 13,5 | 46,3 | 39,6 | **SK 82 - 225 MP/4** | 674 | C84 |
| | 104 | 4134 | 1,6 | 14,29 | 36,4 | 13,8 | 46,6 | 39 | | | |
| | 125 | 3428 | 2,1 | 11,84 | 36,3 | 13,9 | 46,2 | 38 | | | |
| | 144 | 2991 | 2,3 | 10,33 | 36,2 | 14 | 45,9 | 37,3 | | | |
| | 168 | 2558 | 2,6 | 8,82 | 35,8 | 14 | 45,3 | 36,4 | | | |
| | 201 | 2142 | 2,9 | 7,39 | 35,2 | 13,8 | 44,3 | 35,3 | | | |
| | 239 | 1796 | 2,4 | 6,19 | 33,4 | 13,1 | 42 | 33,5 | | | |
| | 280 | 1536 | 3,1 | 5,29 | 32,7 | 12,9 | 40,8 | 32,5 | | | |
| | 72 | 5977 | 0,8 | 20,62 | 5,9 | 1,3 | 13,2 | 19,4 | **SK 73 - 225 MP/4** | 575 | C83 |
| | 82 | 5213 | 1,0 | 18,00 | 10 | 2,4 | 16,3 | 20,2 | | | |
| | 104 | 4148 | 1,0 | 14,33 | 14,1 | 4,3 | 21 | 21,5 | **SK 72 - 225 MP/4** | 565 | C82 |
| | 119 | 3616 | 1,1 | 12,52 | 15,5 | 4,9 | 22,5 | 21,7 | | | |
| | 137 | 3140 | 1,5 | 10,84 | 15,7 | 5 | 22,6 | 21,2 | | | |
| | 157 | 2738 | 1,7 | 9,46 | 16,5 | 5,4 | 23,5 | 21,2 | | | |
| | 181 | 2375 | 2,0 | 8,19 | 17,2 | 5,8 | 24,1 | 21,1 | | | |
| | 214 | 2010 | 2,1 | 6,95 | 17,7 | 6,1 | 24,5 | 20,9 | | | |
| | 231 | 1858 | 1,5 | 6,42 | 16,4 | 5,6 | 22,9 | 19,9 | | | |
| | 265 | 1620 | 1,7 | 5,60 | 16,7 | 5,8 | 23,2 | 19,6 | | | |
| | 306 | 1405 | 2,1 | 4,85 | 16,9 | 5,9 | 23,3 | 19,4 | | | |
| | 361 | 1189 | 2,2 | 4,12 | 17 | 6 | 23,2 | 19 | | | |
| | 385 | 1117 | 2,3 | 3,86 | 17 | 6,1 | 23,1 | 18,8 | | | |
| | 432 | 994 | 2,4 | 3,43 | 17 | 6,1 | 22,9 | 18,4 | | | |
| | 128 | 3357 | 0,9 | 11,59 | 12,2 | 4,4 | 13,3 | 16 | **SK 62 - 225 MP/4** | 496 | C80 |
| | 169 | 2539 | 1,2 | 8,78 | 13,6 | 5,1 | 15,4 | 16,1 | | | |
| | 197 | 2185 | 1,4 | 7,56 | 14,4 | 5,6 | 16,6 | 16,3 | | | |
| | 281 | 1532 | 1,2 | 5,29 | 14,4 | 5,7 | 16,9 | 15,5 | | | |
| | 326 | 1318 | 1,6 | 4,56 | 14,8 | 5,9 | 17,5 | 15,4 | | | |
| | 366 | 1175 | 1,6 | 4,05 | 14,9 | 6,1 | 17,7 | 15,2 | | | |
| | 380 | 1132 | 1,8 | 3,91 | 15 | 6,1 | 17,8 | 15,2 | | | |
| | 399 | 1076 | 1,9 | 3,72 | 15 | 6,1 | 17,8 | 15,1 | | | |
| | 448 | 960 | 2,1 | 3,30 | 15 | 6,2 | 17,9 | 14,9 | | | |
| | 500 | 859 | 2,3 | 2,97 | 15 | 6,2 | 17,9 | 14,7 | | | |
| **55,0** | 21 | 24990 | 0,8 | 70,38 | 83,6 | 40,9 | 89,2 | 82,1 | **SK 103 - 250 WP/4** | 1120 | C89 |
| | 24 | 21560 | 0,9 | 60,71 | 88,8 | 42,6 | 95 | 83,3 | | | |
| | 28 | 18810 | 1,1 | 52,98 | 92,2 | 44 | 98,7 | 83,7 | | | |
| | 33 | 16090 | 1,2 | 45,25 | 95,1 | 44,9 | 101,5 | 83,7 | | | |
| | 39 | 13470 | 1,5 | 37,90 | 97,3 | 45,4 | 103,2 | 82,9 | | | |
| | 50 | 10510 | 1,9 | 29,62 | 99,3 | 45,3 | 101,9 | 81,2 | | | |
| | 58 | 8990 | 2,2 | 25,30 | 99,2 | 44,9 | 99,8 | 79,4 | | | |
| | 70 | 7531 | 2,7 | 21,19 | 97,2 | 44,1 | 97,1 | 77,3 | | | |
| | 76 | 6868 | 2,4 | 19,37 | 96,8 | 44,1 | 96,3 | 76,7 | **SK 102 - 250 WP/4** | 1110 | C88 |
| | 89 | 5896 | 2,9 | 16,63 | 94,6 | 43,1 | 93,6 | 74,5 | | | |
| | 38 | 14000 | 0,9 | 39,54 | 55,4 | 22,6 | 55,9 | 64,3 | **SK 93 - 250 WP/4** | 896 | C87 |
| | 47 | 11090 | 1,1 | 31,25 | 59,3 | 24,6 | 61,1 | 64,4 | | | |
| | 55 | 9617 | 1,3 | 27,05 | 60,2 | 25,3 | 63,1 | 64,1 | | | |
| | 65 | 8138 | 1,5 | 22,97 | 60,9 | 25,9 | 64,5 | 63,2 | | | |
| | 77 | 6802 | 1,8 | 19,12 | 60,9 | 26,1 | 65,1 | 61,9 | | | |
| | 90 | 5843 | 1,8 | 16,47 | 60,8 | 26,4 | 65,5 | 60,9 | **SK 92 - 250 WP/4** | 885 | C86 |
| | 103 | 5095 | 2,1 | 14,36 | 60,2 | 26,2 | 65,1 | 59,7 | | | |
| | 119 | 4397 | 2,4 | 12,39 | 59,1 | 25,9 | 64,3 | 58 | | | |
| | 141 | 3726 | 2,7 | 10,50 | 57,9 | 25,5 | 63 | 56,3 | | | |
| | 190 | 2758 | 2,2 | 7,78 | 53,6 | 23,6 | 58,4 | 51,9 | | | |
| | 221 | 2380 | 3,3 | 6,70 | 52,2 | 23,1 | 57,1 | 50,3 | | | |
| | 260 | 2017 | 3,6 | 5,68 | 50,6 | 22,5 | 55,6 | 48,5 | | | |
| | 89 | 5876 | 1,1 | 16,56 | 31,2 | 11,4 | 40,7 | 36,7 | **SK 82 - 250 WP/4** | 709 | C84 |
| | 104 | 5070 | 1,3 | 14,29 | 32,3 | 12 | 42 | 36,7 | | | |
| | 125 | 4204 | 1,7 | 11,84 | 32,8 | 12,4 | 42,2 | 36 | | | |
| | 143 | 3668 | 1,9 | 10,33 | 33,1 | 12,6 | 42,4 | 35,5 | | | |
| | 167 | 3136 | 2,1 | 8,82 | 33,3 | 12,8 | 42,5 | 34,8 | | | |
| | 200 | 2627 | 2,4 | 7,39 | 33,1 | 12,9 | 42 | 33,9 | | | |
| | 239 | 2202 | 2,0 | 6,19 | 31,3 | 12,2 | 39,8 | 32,2 | | | |
| | 279 | 1883 | 2,5 | 5,29 | 31 | 12,1 | 39,2 | 31,4 | | | |
| | 333 | 1578 | 2,8 | 4,43 | 30,4 | 12 | 38,2 | 30,4 | | | |
| | 407 | 1291 | 3,1 | 3,62 | 29,6 | 11,7 | 36,6 | 29,2 | | | |
| | 510 | 1029 | 3,0 | 2,89 | 28,5 | 11,4 | 34,9 | 27,9 | | | |

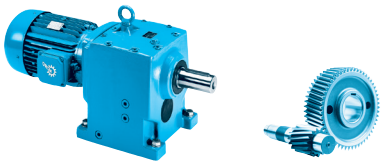
# 75,0 kW
# 90,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 75,0 | 28 | 25560 | 0,8 | 52,98 | 68,7 | 33 | 70,7 | 70 | **SK 103 - 280 SP/4** | 1280 | C89 |
| | 33 | 21860 | 0,9 | 45,25 | 77,4 | 35,6 | 78 | 71,9 | | | |
| | 39 | 18310 | 1,1 | 37,90 | 83,8 | 37,7 | 84,1 | 73,1 | | | |
| | 50 | 14290 | 1,4 | 29,62 | 89,2 | 39,3 | 88,7 | 73,4 | | | |
| | 59 | 12220 | 1,6 | 25,30 | 89,2 | 39,7 | 90,4 | 72,7 | | | |
| | 70 | 10230 | 2,0 | 21,19 | 89,1 | 39,8 | 90,3 | 71,9 | | | |
| | 77 | 9335 | 1,8 | 19,37 | 89,5 | 40,2 | 90,4 | 71,9 | **SK 102 - 280 SP/4** | 1280 | C88 |
| | 89 | 8013 | 2,2 | 16,63 | 88,2 | 39,8 | 88,5 | 70,3 | | | |
| | 104 | 6890 | 2,4 | 14,29 | 86,4 | 39,3 | 86,5 | 68,8 | | | |
| | 125 | 5715 | 2,8 | 11,88 | 84,2 | 38,3 | 83,6 | 66,6 | | | |
| | 149 | 4795 | 3,1 | 9,96 | 81,6 | 37,3 | 80,9 | 64,4 | | | |
| | 170 | 4211 | 3,1 | 8,73 | 76,9 | 35,7 | 76,2 | 61,6 | | | |
| | 198 | 3621 | 3,1 | 7,50 | 75,5 | 34,6 | 74,7 | 59,5 | | | |
| | 238 | 3004 | 3,8 | 6,24 | 73,1 | 33,5 | 71,8 | 57,3 | | | |
| | 284 | 2520 | 4,2 | 5,23 | 70,3 | 32,4 | 69 | 55,1 | | | |
| | 48 | 15070 | 0,8 | 31,25 | 44,4 | 17,4 | 42,3 | 55,2 | **SK 93 - 280 SP/4** | 1070 | C87 |
| | 55 | 13070 | 0,9 | 27,05 | 47,7 | 19,1 | 47,2 | 56,2 | | | |
| | 65 | 11060 | 1,1 | 22,97 | 50,4 | 20,7 | 51,2 | 56,5 | | | |
| | 77 | 9245 | 1,3 | 19,12 | 52,3 | 21,8 | 54,3 | 56,3 | | | |
| | 93 | 7734 | 1,6 | 19,12 | 51,4 | 22,3 | 53,0 | 54,6 | | | |
| | 90 | 7941 | 1,3 | 16,47 | 53,5 | 22,6 | 56,5 | 56,2 | **SK 92 - 280 SP/4** | 1060 | C86 |
| | 103 | 6924 | 1,6 | 14,36 | 53,8 | 23 | 57,2 | 55,6 | | | |
| | 120 | 5976 | 1,8 | 12,39 | 53,7 | 23,1 | 57,5 | 54,5 | | | |
| | 141 | 5064 | 2,0 | 10,50 | 53,2 | 23,1 | 57,5 | 53,4 | | | |
| | 191 | 3749 | 1,6 | 7,78 | 49,5 | 21,6 | 53,7 | 49,3 | | | |
| | 221 | 3235 | 2,4 | 6,70 | 48,8 | 21,4 | 52,9 | 48,1 | | | |
| | 261 | 2741 | 2,6 | 5,68 | 47,7 | 21 | 52 | 46,6 | | | |
| | 90 | 7986 | 0,8 | 16,56 | 21,4 | 7,1 | 29 | 31,2 | **SK 82 - 280 SP/4** | 879 | C84 |
| | 104 | 6890 | 1,0 | 14,29 | 23,9 | 8,2 | 31,9 | 31,8 | | | |
| | 125 | 5713 | 1,2 | 11,84 | 25,8 | 9,2 | 33,9 | 31,8 | | | |
| | 144 | 4984 | 1,4 | 10,33 | 27 | 9,9 | 35,3 | 31,9 | | | |
| | 168 | 4263 | 1,5 | 8,82 | 28,1 | 10,4 | 36,4 | 31,8 | | | |
| | 201 | 3571 | 1,8 | 7,39 | 28,8 | 10,9 | 37 | 31,5 | | | |
| | 239 | 2993 | 1,4 | 6,19 | 27,2 | 10,3 | 35 | 29,8 | | | |
| | 280 | 2559 | 1,9 | 5,29 | 27,5 | 10,5 | 35,2 | 29,3 | | | |
| | 334 | 2144 | 2,0 | 4,43 | 27,6 | 10,6 | 35 | 28,6 | | | |
| | 408 | 1754 | 2,3 | 3,62 | 27,2 | 10,6 | 34,5 | 27,8 | | | |
| | 512 | 1398 | 2,2 | 2,89 | 26,7 | 10,5 | 33,5 | 26,7 | | | |
| 90,0 | 33 | 26230 | 0,8 | 45,25 | 57,6 | 28,7 | 59,8 | 63 | **SK 103 - 280 MP/4** | 1380 | C89 |
| | 39 | 21980 | 0,9 | 37,90 | 67,8 | 31,8 | 68,9 | 65,6 | | | |
| | 50 | 17140 | 1,2 | 29,62 | 76,9 | 34,8 | 77,3 | 67,7 | | | |
| | 59 | 14660 | 1,4 | 25,30 | 81,1 | 35,8 | 80,8 | 67,9 | | | |
| | 70 | 12280 | 1,6 | 21,19 | 82,7 | 36,6 | 82,7 | 67,7 | | | |
| | 77 | 11200 | 1,5 | 19,37 | 84,1 | 37,4 | 84,9 | 68,1 | **SK 102 - 280 MP/4** | 1380 | C88 |
| | 89 | 9616 | 1,8 | 16,63 | 83,4 | 37,4 | 84,6 | 67,2 | | | |
| | 104 | 8268 | 2,0 | 14,29 | 82,4 | 37,1 | 83,1 | 66,1 | | | |
| | 125 | 6859 | 2,3 | 11,88 | 80,9 | 36,6 | 80,8 | 64,4 | | | |
| | 149 | 5755 | 2,6 | 9,96 | 78,8 | 35,8 | 78,5 | 62,5 | | | |
| | 170 | 5053 | 2,6 | 8,73 | 73,8 | 34,2 | 73,7 | 59,7 | | | |
| | 182 | 4717 | 2,6 | 8,15 | 75,4 | 35 | 74,7 | 60,4 | | | |
| | 198 | 4345 | 2,6 | 7,50 | 73,1 | 33,4 | 72,7 | 57,9 | | | |
| | 238 | 3605 | 3,2 | 6,24 | 70,8 | 32,4 | 70,3 | 55,9 | | | |
| | 284 | 3024 | 3,5 | 5,23 | 68,5 | 31,5 | 67,7 | 53,9 | | | |
| | 347 | 2479 | 3,8 | 4,28 | 65,4 | 30,4 | 64,3 | 51,8 | | | |
| | 55 | 15680 | 0,8 | 27,05 | 35,5 | 14,5 | 34,6 | 50,2 | **SK 93 - 280 MP/4** | 1170 | C87 |
| | 65 | 13270 | 0,9 | 22,97 | 42,3 | 16,7 | 40,8 | 51,4 | | | |
| | 77 | 11090 | 1,1 | 19,12 | 45,5 | 18,5 | 45,9 | 52,1 | | | |
| | 90 | 9529 | 1,1 | 16,47 | 48 | 19,9 | 49,5 | 52,6 | **SK 92 - 280 MP/4** | 1160 | C86 |
| | 103 | 8309 | 1,3 | 14,36 | 49 | 20,5 | 51,1 | 52,4 | | | |
| | 120 | 7171 | 1,5 | 12,39 | 49,7 | 21 | 52,4 | 51,8 | | | |
| | 141 | 6077 | 1,7 | 10,50 | 49,8 | 21,3 | 53,2 | 51 | | | |
| | 191 | 4498 | 1,4 | 7,78 | 46,5 | 20 | 49,9 | 47,3 | | | |
| | 221 | 3882 | 2,0 | 6,70 | 46,3 | 20 | 49,8 | 46,4 | | | |
| | 261 | 3290 | 2,2 | 5,68 | 45,6 | 19,9 | 49,3 | 45,2 | | | |
| | 422 | 2037 | 2,7 | 3,51 | 42,6 | 18,9 | 46,6 | 41,2 | | | |



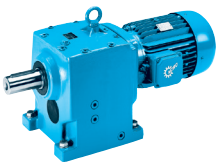
IE3

# 110 kW
# 132 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **110** | 50 | 20910 | 1,0 | 29,62 | 60,2 | 28,7 | 62 | 59,9 | **SK 103 - 315 SP/4** | 1480 | C89 |
| | 59 | 17880 | 1,1 | 25,30 | 66,7 | 30,6 | 67,3 | 61,3 | | | |
| | 70 | 14980 | 1,3 | 21,19 | 71,8 | 32,2 | 72,1 | 62 | | | |
| | 77 | 13660 | 1,2 | 19,37 | 76,1 | 33,6 | 75,6 | 63,2 | **SK 102 - 315 SP/4** | 1470 | C88 |
| | 90 | 11730 | 1,5 | 16,63 | 77,2 | 34,1 | 77,2 | 63 | | | |
| | 104 | 10080 | 1,6 | 14,29 | 76,9 | 34,3 | 78,2 | 62,5 | | | |
| | 126 | 8366 | 1,9 | 11,88 | 76,4 | 34,2 | 77,1 | 61,3 | | | |
| | 150 | 7019 | 2,1 | 9,96 | 75 | 33,9 | 75,4 | 59,9 | | | |
| | 170 | 6164 | 2,1 | 8,73 | 69,7 | 32,2 | 70,3 | 57,2 | | | |
| | 183 | 5754 | 2,2 | 8,15 | 72,1 | 33,4 | 72,0 | 58,4 | | | |
| | 198 | 5300 | 2,1 | 7,50 | 69,8 | 31,6 | 70,1 | 55,8 | | | |
| | 239 | 4397 | 2,6 | 6,24 | 68,1 | 31,1 | 68,1 | 54,1 | | | |
| | 285 | 3689 | 2,9 | 5,23 | 66,3 | 30,2 | 65,8 | 52,5 | | | |
| | 90 | 11620 | 0,9 | 16,47 | 40,6 | 16,2 | 39,9 | 47,9 | **SK 92 - 315 SP/4** | 1240 | C86 |
| | 104 | 10140 | 1,1 | 14,36 | 42,5 | 17,3 | 43,1 | 48,3 | | | |
| | 120 | 8747 | 1,2 | 12,39 | 44 | 18,3 | 45,4 | 48,3 | | | |
| | 142 | 7412 | 1,4 | 10,50 | 45,2 | 18,9 | 47,3 | 48 | | | |
| | 191 | 5487 | 1,1 | 7,78 | 42,5 | 18 | 44,9 | 44,9 | | | |
| | 222 | 4735 | 1,6 | 6,70 | 42,8 | 18,3 | 45,5 | 44,2 | | | |
| | 262 | 4013 | 1,8 | 5,68 | 42,6 | 18,4 | 45,8 | 43,3 | | | |
| | 423 | 2485 | 2,2 | 3,51 | 40,9 | 17,9 | 44,5 | 40 | | | |
| **132** | 77 | 16370 | 1,0 | 19,37 | 60,1 | 29,6 | 60,4 | 58,3 | **SK 102 - 315 MP/4** | 1670 | C88 |
| | 90 | 14060 | 1,2 | 16,63 | 68,6 | 30,5 | 68,3 | 58,5 | | | |
| | 104 | 12090 | 1,4 | 14,29 | 71,1 | 31,2 | 70,5 | 58,5 | | | |
| | 126 | 10030 | 1,6 | 11,88 | 71,2 | 31,7 | 72,1 | 58,1 | | | |
| | 150 | 8412 | 1,8 | 9,96 | 70,9 | 31,7 | 72 | 57,2 | | | |
| | 171 | 7387 | 1,8 | 8,73 | 65,2 | 30,0 | 65,1 | 54,4 | | | |
| | 183 | 6895 | 1,8 | 8,15 | 63,8 | 29,4 | 63,4 | 53,3 | | | |
| | 198 | 6352 | 1,8 | 7,50 | 66,1 | 29,8 | 67,2 | 53,4 | | | |
| | 239 | 5269 | 2,2 | 6,24 | 65,1 | 29,4 | 65,4 | 52,1 | | | |
| | 285 | 4421 | 2,4 | 5,23 | 63,9 | 29 | 63,8 | 50,7 | | | |
| | 348 | 3624 | 2,6 | 4,28 | 61,9 | 28,2 | 61,6 | 49 | | | |
| | 104 | 12150 | 0,9 | 14,36 | 32,3 | 13,6 | 30,3 | 42,7 | **SK 92 - 315 MP/4** | 1440 | C86 |
| | 120 | 10480 | 1,0 | 12,39 | 37,8 | 15,1 | 37,3 | 44,5 | | | |
| | 142 | 8883 | 1,1 | 10,50 | 40 | 16,4 | 40,5 | 44,7 | | | |
| | 192 | 6575 | 0,9 | 7,78 | 36,7 | 15,7 | 37,1 | 41,1 | | | |
| | 222 | 5675 | 1,4 | 6,70 | 37,7 | 16,2 | 38,7 | 40,9 | | | |
| | 262 | 4809 | 1,5 | 5,68 | 38,4 | 16,6 | 39,9 | 40,4 | | | |
| | 423 | 2978 | 1,9 | 3,51 | 38,2 | 16,8 | 40,7 | 38,0 | | | |

# 160 kW
# 200 kW

IE3



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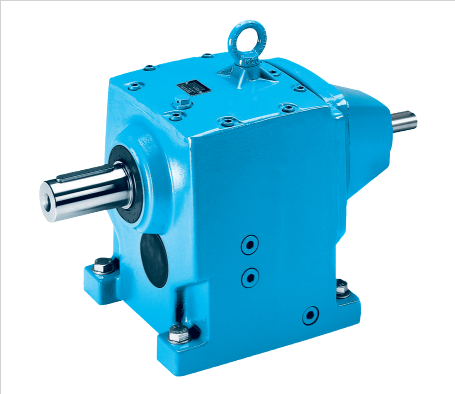
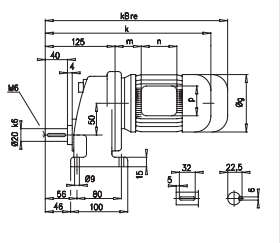
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **160** | 77 | 19850 | 0,8 | 19,37 | 45,5 | 24,3 | 46,7 | 51,5 | **SK 102 - 315 RP/4** | 1700 | C88 |
| | 90 | 17040 | 1,0 | 16,63 | 56 | 25,9 | 56,5 | 52,6 | | | |
| | 104 | 14650 | 1,1 | 14,29 | 60,4 | 27,3 | 60,7 | 53,6 | | | |
| | 126 | 12150 | 1,3 | 11,88 | 64,1 | 28,4 | 64 | 53,9 | | | |
| | 150 | 10200 | 1,5 | 9,96 | 65,7 | 29 | 65,8 | 53,7 | | | |
| | 171 | 8954 | 1,5 | 8,73 | 58,5 | 27,2 | 58,0 | 50,9 | | | |
| | 183 | 8358 | 1,5 | 8,15 | 63,8 | 29,4 | 63,4 | 53,3 | | | |
| | 198 | 7699 | 1,5 | 7,50 | 61,5 | 27,4 | 62,3 | 50,5 | | | |
| | 239 | 6387 | 1,8 | 6,24 | 61,2 | 27,5 | 62,3 | 49,6 | | | |
| | 285 | 5359 | 2,0 | 5,23 | 60,5 | 27,3 | 61,1 | 48,6 | | | |
| | 348 | 4392 | 2,1 | 4,28 | 59,3 | 26,9 | 59,3 | 47,2 | | | |
| | 120 | 12710 | 0,8 | 12,39 | 27,4 | 11,2 | 26,9 | 39,4 | **SK 92 - 315 RP/4** | 1480 | C86 |
| | 142 | 10770 | 0,9 | 10,50 | 33,1 | 13,1 | 31,9 | 40,6 | | | |
| | 192 | 7970 | 0,8 | 7,78 | 30,8 | 12,8 | 29,8 | 37,5 | | | |
| | 222 | 6878 | 1,1 | 6,70 | 34 | 13,9 | 34,6 | 38,6 | | | |
| | 262 | 5829 | 1,2 | 5,68 | 35,3 | 14,7 | 36,6 | 38,6 | | | |
| | 423 | 3610 | 1,5 | 3,51 | 36,3 | 15,6 | 38,9 | 37,1 | | | |
| **200** | 104 | 18340 | 0,9 | 14,29 | 44,6 | 21,7 | 46,1 | 46,5 | **SK 102 - 315 LP/4** | 1900 | C88 |
| | 126 | 15210 | 1,0 | 11,88 | 51,2 | 23,7 | 52 | 47,9 | | | |
| | 150 | 12760 | 1,2 | 9,96 | 55,6 | 25,1 | 55,9 | 48,7 | | | |
| | 183 | 10460 | 1,2 | 8,15 | 55,6 | 26,2 | 55,2 | 49,2 | | | |
| | 198 | 9636 | 1,2 | 7,50 | 53,8 | 23,9 | 53,8 | 46 | | | |
| | 239 | 7994 | 1,4 | 6,24 | 55,9 | 24,6 | 55,8 | 46 | | | |
| | 285 | 6707 | 1,6 | 5,23 | 55,9 | 24,9 | 56,7 | 45,6 | | | |
| | 347 | 5498 | 1,7 | 4,28 | 55,5 | 24,9 | 56,2 | 44,8 | | | |

# Helical Gear Units



**SK 02**
**SK 03**

| | $i_{ges}$ | $n_2$ | $M_{2max}$ | $P_{1max}$ | |
|---|---|---|---|---|---|
| | | n1= 1400 min$^{-1}$ | fB=1 | n1= 1400 min$^{-1}$ | n1= 930 min |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] |
| SK 03 | 313,11 | 4,5 | 89 | 0,04 | 0,03 |
| | 274,28 | 5,1 | 89 | 0,05 | 0,03 |
| | 212,47 | 6,6 | 106 | 0,07 | 0,05 |
| W | 170,75 | 8,2 | 108 | 0,09 | 0,06 |
| + | 151,33 | 9,3 | 110 | 0,11 | 0,07 |
| IEC | 124,62 | 11 | 106 | 0,12 | 0,08 |
| mm ⇨ B69 | 104,77 | 13 | 95 | 0,13 | 0,09 |
| | 81,50 | 17 | 106 | 0,19 | 0,12 |
| | 65,50 | 21 | 110 | 0,24 | 0,16 |

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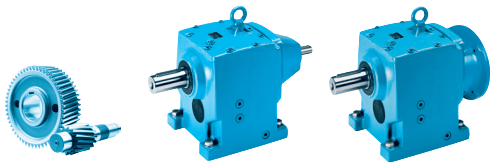
# SK 03
# SK 02



DRIVESYSTEMS

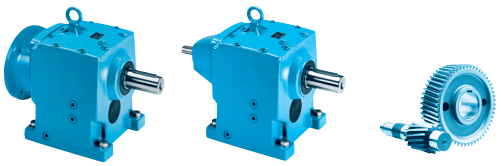


| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | | | | | |
| **SK 03** | **313,11** | **4,5** | 89 | 0,04 | 0,03 | 0,02 | * | * | | | | | |
| | **274,28** | **5,1** | 89 | 0,05 | 0,03 | 0,02 | * | * | | | | | |
| | **212,47** | **6,6** | 106 | 0,07 | 0,05 | 0,04 | * | * | | | | | |
| **W** | **170,75** | **8,2** | 108 | 0,09 | 0,06 | 0,05 | * | * | | | | | |
| **+** | **151,33** | **9,3** | 110 | 0,11 | 0,07 | 0,05 | * | * | | | | | |
| **IEC** | **124,62** | **11** | 106 | 0,12 | 0,08 | 0,06 | * | * | | | | | |
| | **104,77** | **13** | 95 | 0,13 | 0,09 | 0,06 | * | * | | | | | |
| mm | **81,50** | **17** | 106 | 0,19 | 0,12 | 0,09 | | * | | | | | |
| ⇨ C69 | **65,50** | **21** | 110 | 0,24 | 0,16 | 0,12 | | * | | | | | |

| | | | | | | | IEC 63 | 71 | 80 | 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 02** | **73,06** | **19** | 89 | 0,18 | 0,12 | 0,09 | | * | | | | | |
| | **61,27** | **23** | 89 | 0,21 | 0,14 | 0,11 | | * | | | | | |
| | **53,68** | **26** | 89 | 0,24 | 0,16 | 0,12 | | * | | | | | |
| **W** | **41,58** | **34** | 99 | 0,35 | 0,23 | 0,18 | | * | | | | | |
| **+** | **33,42** | **42** | 96 | 0,42 | 0,28 | 0,21 | | | * | | | | |
| **IEC** | **29,61** | **47** | 92 | 0,45 | 0,30 | 0,23 | | | * | | | | |
| | **27,52** | **51** | 87 | 0,46 | 0,31 | 0,23 | | | * | | | | |
| mm | **24,39** | **57** | 89 | 0,53 | 0,35 | 0,27 | | | * | | | | |
| ⇨ C68 | **23,13** | **61** | 78 | 0,50 | 0,33 | 0,25 | | | | | | | |
| | 20,59 | 68 | 74 | 0,53 | 0,35 | 0,26 | | | * | * | | | |
| | 15,95 | 88 | 72 | 0,66 | 0,44 | 0,33 | | | * | | | | |
| | 12,82 | 109 | 70 | 0,80 | 0,53 | 0,40 | | | | * | | | |
| | 11,27 | 124 | 67 | 0,87 | 0,57 | 0,43 | | | | * | | | |
| | 9,95 | 141 | 64 | 0,94 | 0,62 | 0,47 | | | | * | | | |
| | 9,28 | 151 | 65 | 1,03 | 0,68 | 0,51 | | | | * | | | |
| | 8,19 | 171 | 63 | 1,13 | 0,74 | 0,56 | | | | * | | | |
| | 7,80 | 179 | 63 | 1,18 | 0,78 | 0,59 | | | | * | | | |
| | 6,89 | 203 | 61 | 1,30 | 0,86 | 0,65 | | | | * | | | |
| | 6,10 | 230 | 57 | 1,37 | 0,91 | 0,68 | | | | * | | | |
| | 5,57 | 251 | 57 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 4,82 | 290 | 57 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 4,22 | 332 | 52 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 3,89 | 360 | 53 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 3,38 | 414 | 51 | *1,50* | *0,99* | *0,75* | | | | | | | |
| | 2,95 | 475 | 46 | *1,50* | *0,99* | *0,75* | | | | | | | |

* ⇨ A63

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 03** | 16 | 17 | 18 | - | - |
| **SK 02** | 12 | 13 | 14 | 17 | 17 |



# SK 12/02
# SK 13

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | 80 | 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 12/02** | **2798,93** | **0,50** | 180 | 0,05 | 0,03 | 0,02 | * | * | | | | | |
| | **2056,68** | **0,68** | 180 | 0,05 | 0,03 | 0,03 | * | * | | | | | |
| | **1592,93** | **0,88** | 180 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| **W** | **1280,32** | **1,1** | 180 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| **+** | **1054,29** | **1,3** | 180 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| **IEC** | **886,11** | **1,6** | 180 | 0,07 | 0,05 | 0,04 | * | * | | | | | |
| | **619,86** | **2,3** | 180 | 0,08 | 0,06 | 0,04 | * | * | | | | | |
| mm | 537,49 | 2,6 | 180 | 0,09 | 0,06 | 0,04 | * | * | * | * | | | |
| | 431,75 | 3,2 | 180 | 0,10 | 0,07 | 0,05 | * | * | * | * | | | |
| ⇨ C90 | 339,81 | 4,1 | 180 | 0,12 | 0,08 | 0,06 | * | * | * | * | | | |
| | 263,96 | 5,3 | 180 | 0,14 | 0,09 | 0,07 | * | * | * | * | | | |
| | 213,39 | 6,6 | 180 | 0,16 | 0,11 | 0,08 | * | * | * | * | | | |
| | 165,77 | 8,4 | 180 | 0,20 | 0,13 | 0,10 | | * | * | * | | | |
| | 133,23 | 11 | 164 | 0,23 | 0,15 | 0,11 | | * | * | * | | | |
| | 109,66 | 13 | 164 | 0,26 | 0,17 | 0,13 | | * | * | * | | | |
| | 92,89 | 15 | 164 | 0,30 | 0,20 | 0,15 | | * | * | * | | | |
| | | | | | | | IEC 63 | 71 | | | | | |
| **SK 13** | **420,83** | **3,3** | 167 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| | **369,34** | **3,8** | 176 | 0,07 | 0,05 | 0,04 | * | * | | | | | |
| | **313,48** | **4,5** | 167 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| **W** | **275,12** | **5,1** | 176 | 0,09 | 0,06 | 0,05 | * | * | | | | | |
| **+** | **244,62** | **5,7** | 177 | 0,11 | 0,07 | 0,05 | * | * | | | | | |
| **IEC** | **195,78** | **7,2** | 194 | 0,15 | 0,10 | 0,07 | * | * | | | | | |
| | **159,36** | **8,8** | 167 | 0,15 | 0,10 | 0,08 | * | * | | | | | |
| mm | **132,45** | **11** | 148 | 0,17 | 0,11 | 0,09 | * | * | | | | | |
| | **108,72** | **13** | 177 | 0,24 | 0,16 | 0,12 | | * | | | | | |
| ⇨ C71 | **85,47** | **16** | 176 | 0,29 | 0,19 | 0,15 | | * | | | | | |
| | **68,40** | **20** | 196 | 0,37 | 0,24 | 0,19 | | * | | | | | |

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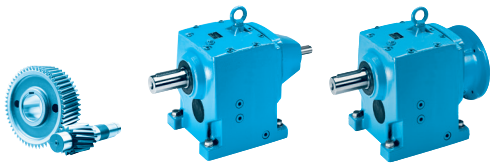
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 12/02** | 22 | 23 | 24 | 27 | 27 |
| **SK 13** | 19 | 20 | 21 | - | - |

# SK 12
# SK 11E



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| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 12** | **72,63** | **19** | 139 | 0,28 | 0,18 | 0,14 | | * | | | | | |
| | **61,35** | **23** | 154 | 0,37 | 0,24 | 0,19 | | | | | | | |
| | **53,84** | **26** | 176 | 0,48 | 0,32 | 0,24 | | | | | | | |
| **W** | **47,87** | **29** | 177 | 0,54 | 0,35 | 0,27 | | | * | * | | | |
| **+** | **43,09** | **32** | 162 | 0,54 | 0,36 | 0,27 | | | | | | | |
| **IEC** | **38,31** | **37** | 184 | 0,71 | 0,47 | 0,36 | | | | * | | | |
| | **35,07** | **40** | 149 | 0,62 | 0,41 | 0,31 | | | | | | | |
| mm | **31,19** | **45** | 165 | 0,78 | 0,51 | 0,39 | | | | * | | | |
| | **29,15** | **48** | 124 | 0,62 | 0,41 | 0,31 | | | | | | | |
| ⇨ C70 | **25,92** | **54** | 137 | 0,77 | 0,51 | 0,39 | | | | * | | | |
| | 21,28 | 66 | 167 | 1,15 | 0,76 | 0,58 | | | | * | | | |
| | 18,79 | 75 | 161 | 1,26 | 0,83 | 0,63 | | | | | | | |
| | 16,73 | 84 | 154 | 1,35 | 0,89 | 0,68 | | | | | * | * | |
| | 13,39 | 105 | 149 | 1,64 | 1,08 | 0,82 | | | | | * | * | |
| | 10,70 | 131 | 134 | 1,84 | 1,21 | 0,92 | | | | | * | * | |
| | 9,65 | 145 | 135 | 2,05 | 1,35 | 1,02 | | | | | * | * | |
| | 7,85 | 178 | 131 | 2,44 | 1,61 | 1,22 | | | | | * | * | |
| | 7,28 | 192 | 124 | 2,49 | 1,65 | 1,25 | | | | | | * | |
| | 6,53 | 214 | 126 | 2,82 | 1,86 | 1,41 | | | | | | * | |
| | 5,79 | 242 | 122 | 3,09 | 2,04 | 1,55 | | | | | | * | |
| | 4,93 | 284 | 116 | 3,45 | 2,28 | 1,72 | | | | | | * | |
| | 4,49 | 312 | 118 | 3,86 | 2,54 | 1,93 | | | | | | | |
| | 4,32 | 324 | 112 | 3,80 | 2,51 | 1,90 | | | | | | | |
| | 3,98 | 352 | 114 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 3,39 | 413 | 109 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 2,96 | 473 | 105 | *4,00* | *2,64* | *2,00* | | | | | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 11E** | **9,11** | **154** | 23 | 0,37 | 0,24 | 0,19 | | | | | | | |
| | **8,10** | **173** | 30 | 0,54 | 0,36 | 0,27 | | | * | | | | |
| | 3,60 | 389 | 42 | 1,71 | 1,13 | 0,86 | | | | | | | |
| **W** | 3,18 | 440 | 40 | 1,84 | 1,22 | 0,92 | | | | | | | |
| **+** | 2,83 | 495 | 54 | 2,80 | 1,85 | 1,40 | | | | | * | * | |
| **IEC** | 2,32 | 603 | 48 | *3,00* | *1,98* | *1,50* | | | | | | * | |
| | 2,04 | 686 | 58 | *3,00* | *1,98* | *1,50* | | | | | | * | |
| mm | 1,81 | 773 | 55 | *3,00* | *1,98* | *1,50* | | | | | | * | |
| | 1,54 | 909 | 50 | *3,00* | *1,98* | *1,50* | | | | | | * | |
| ⇨ C63 | 1,35 | 1037 | 50 | *3,00* | *1,98* | *1,50* | | | | | | * | |

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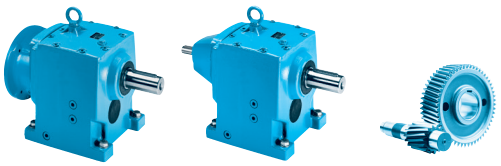
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 12** | 14 | 15 | 16 | 19 | 19 | 26 | 26 |
| **SK 11E** | 10 | 11 | 12 | 15 | 15 | 22 | 22 |



# SK 22/02
# SK 23

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | 80 | 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 22/02** | **2534,45** | **0,55** | 340 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| | **2125,46** | **0,66** | 340 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| | **1780,46** | **0,79** | 340 | 0,07 | 0,04 | 0,03 | * | * | | | | | |
| **W** | **1442,41** | **0,97** | 340 | 0,07 | 0,05 | 0,04 | * | * | | | | | |
| **+** | **1159,34** | **1,2** | 340 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| **IEC** | 881,66 | 1,6 | 340 | 0,10 | 0,06 | 0,05 | * | * | * | * | | | |
| | 682,98 | 2,0 | 340 | 0,11 | 0,07 | 0,06 | * | * | * | * | | | |
| mm | 553,31 | 2,5 | 340 | 0,13 | 0,09 | 0,06 | * | * | * | * | | | |
| | 444,73 | 3,1 | 340 | 0,15 | 0,10 | 0,08 | * | * | * | * | | | |
| ⇨ C90 | 345,17 | 4,1 | 340 | 0,19 | 0,12 | 0,09 | | * | * | * | | | |
| | 284,11 | 4,9 | 340 | 0,21 | 0,14 | 0,11 | | * | * | * | | | |
| | 239,01 | 5,9 | 340 | 0,25 | 0,17 | 0,13 | | * | * | * | | | |
| | 167,21 | 8,4 | 340 | 0,34 | 0,22 | 0,17 | | * | * | * | | | |
| | 134,94 | 10 | 340 | 0,40 | 0,26 | 0,20 | | | * | * | | | |
| | 117,25 | 12 | 340 | 0,47 | 0,31 | 0,23 | | | * | * | | | |

| | | | | | | | IEC 63 | 71 | 80 | 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 23** | **516,65** | **2,7** | 274 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| | **417,95** | **3,3** | 340 | 0,12 | 0,08 | 0,06 | * | * | | | | | |
| | **323,70** | **4,3** | 340 | 0,15 | 0,10 | 0,08 | * | * | | | | | |
| **W** | **262,24** | **5,3** | 340 | 0,19 | 0,12 | 0,09 | | * | | | | | |
| **+** | **217,73** | **6,4** | 340 | 0,23 | 0,15 | 0,11 | | * | | | | | |
| **IEC** | **179,50** | **7,8** | 312 | 0,25 | 0,17 | 0,13 | | * | | | | | |
| | **151,44** | **9,2** | 294 | 0,28 | 0,19 | 0,14 | | * | | | | | |
| mm | 124,17 | 11 | 340 | 0,39 | 0,26 | 0,20 | | | * | * | | | |
| | 100,60 | 14 | 340 | 0,50 | 0,33 | 0,25 | | | * | * | | | |
| ⇨ C73 | 88,45 | 16 | 340 | 0,57 | 0,38 | 0,28 | | | * | * | | | |
| | 78,05 | 18 | 340 | 0,64 | 0,42 | 0,32 | | | * | * | | | |
| | 64,80 | 22 | 340 | 0,75 | 0,50 | 0,38 | | | | * | | | |

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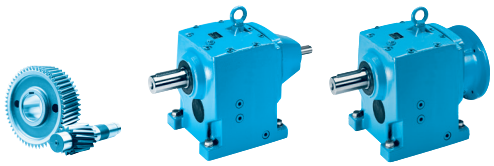
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 22/02** | 35 | 36 | 37 | 40 | 40 |
| **SK 23** | 31 | 32 | 33 | 36 | 36 |

# SK 22
# SK 21E



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| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 71 | 80 | 90 | 100 | 112 | | |
| **SK 22** | **86,30** | **16** | 250 | 0,42 | 0,28 | 0,21 | | * | | | | | |
| | **55,28** | **25** | 320 | 0,84 | 0,55 | 0,42 | | | * | | | | |
| | **45,90** | **31** | 292 | 0,95 | 0,63 | 0,47 | | | * | | | | |
| **W** | **42,82** | **33** | 340 | 1,17 | 0,78 | 0,59 | | | * | | | | |
| **+** | **35,55** | **39** | 330 | 1,35 | 0,89 | 0,67 | | | * | | | | |
| **IEC** | **34,69** | **40** | 340 | 1,42 | 0,94 | 0,71 | | | * | * | * | | |
| | **29,31** | **48** | 292 | 1,47 | 0,97 | 0,73 | | | * | | | | |
| mm | **28,80** | **49** | 374 | 1,92 | 1,27 | 0,96 | | | | * | * | | |
| | **24,73** | **57** | 246 | 1,47 | 0,97 | 0,73 | | | * | | | | |
| ⇨ C72 | **23,74** | **59** | 326 | 2,01 | 1,33 | 1,01 | | | | * | * | | |
| | **20,03** | **70** | 285 | 2,09 | 1,38 | 1,04 | | | | * | * | | |
| | 16,75 | 84 | 339 | 2,98 | 1,97 | 1,49 | | | | * | * | | |
| | 14,69 | 95 | 337 | 3,35 | 2,21 | 1,68 | | | | | * | | |
| | 12,20 | 115 | 329 | 3,96 | 2,61 | 1,98 | | | | | * | | |
| | 10,89 | 129 | 317 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 8,48 | 165 | 259 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 7,57 | 185 | 246 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 6,86 | 204 | 255 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 6,51 | 215 | 228 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 5,79 | 242 | 215 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 5,18 | 270 | 159 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 4,62 | 303 | 150 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 3,97 | 353 | 139 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 3,53 | 397 | 131 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 2,79 | 502 | 115 | *4,00* | *2,64* | *2,00* | | | | | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 71 | 80 | 90 | 100 | 112 | | |
| **SK 21E** | **10,20** | **137** | 40 | 0,57 | 0,38 | 0,29 | | * | * | | | | |
| | **7,90** | **177** | 60 | 1,11 | 0,73 | 0,56 | | | * | | | | |
| | **6,40** | **219** | 65 | 1,49 | 0,98 | 0,75 | | | * | * | * | | |
| | 4,60 | 304 | 56 | 1,78 | 1,18 | 0,89 | | | | | | | |
| **W** | 3,67 | 381 | 68 | 2,71 | 1,79 | 1,36 | | | | * | * | | |
| **+** | 3,09 | 453 | 62 | 2,94 | 1,94 | 1,47 | | | | * | * | | |
| **IEC** | 2,71 | 517 | 77 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 2,42 | 579 | 73 | *4,00* | *2,64* | *2,00* | | | | | | | |
| mm | 2,08 | 673 | 68 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 1,85 | 757 | 64 | *4,00* | *2,64* | *2,00* | | | | | | | |
| ⇨ C64 | 1,46 | 959 | 60 | *4,00* | *2,64* | *2,00* | | | | | | | |

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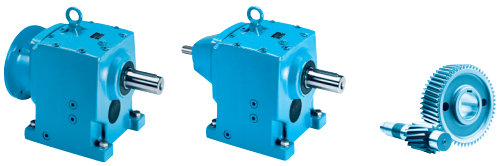
| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|
| **SK 22** | 29 | 27 | 31 | 31 | 35 | 35 |
| **SK 21E** | 22 | 20 | 24 | 24 | 28 | 28 |



# SK 32/12
# SK 33N

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 32/12** | **2704,02** | **0,52** | 620 | 0,07 | 0,05 | 0,04 | * | * | | | | |
| | **2004,46** | **0,70** | 620 | 0,09 | 0,06 | 0,04 | * | * | | | | |
| | **1604,24** | **0,87** | 620 | 0,10 | 0,06 | 0,05 | * | * | | | | |
| **W** | **1305,66** | **1,1** | 620 | 0,11 | 0,07 | 0,06 | * | * | | | | |
| **+** | 1080,05 | 1,3 | 620 | 0,12 | 0,08 | 0,06 | * | * | * | * | | |
| **IEC** | 869,04 | 1,6 | 620 | 0,14 | 0,09 | 0,07 | * | * | * | * | | |
| | 699,55 | 2,0 | 620 | 0,17 | 0,11 | 0,08 | * | * | * | * | | |
| mm | 554,68 | 2,5 | 620 | 0,20 | 0,13 | 0,10 | | * | * | * | * | * |
| | 446,31 | 3,1 | 620 | 0,24 | 0,16 | 0,12 | | * | * | * | * | * |
| ⇨ C90 | 363,06 | 3,9 | 620 | 0,29 | 0,19 | 0,15 | | * | * | * | * | * |
| | 267,79 | 5,2 | 620 | 0,38 | 0,25 | 0,19 | | | * | * | * | * |
| | 215,56 | 6,5 | 620 | 0,46 | 0,30 | 0,23 | | | * | * | * | * |
| | 167,16 | 8,4 | 620 | 0,59 | 0,39 | 0,29 | | | * | * | * | * |
| | 148,18 | 9,4 | 620 | 0,65 | 0,43 | 0,33 | | | * | * | * | * |
| | 126,21 | 11 | 620 | 0,75 | 0,50 | 0,38 | | | | * | * | * |
| | 82,39 | 17 | 620 | 1,10 | 0,73 | 0,55 | | | | * | * | * |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 33N** | **740,37** | **1,9** | 570 | 0,11 | 0,07 | 0,06 | * | * | | | | |
| | **662,81** | **2,1** | 560 | 0,12 | 0,08 | 0,06 | * | * | | | | |
| **W** | **585,41** | **2,4** | 634 | 0,16 | 0,11 | 0,08 | * | * | | | | |
| **+** | **524,08** | **2,7** | 672 | 0,19 | 0,13 | 0,09 | | * | | | | |
| **IEC** | **421,32** | **3,3** | 672 | 0,23 | 0,15 | 0,12 | | * | | | | |
| | **339,15** | **4,1** | 651 | 0,28 | 0,18 | 0,14 | | * | | | | |
| mm | **248,17** | **5,6** | 672 | 0,39 | 0,26 | 0,20 | | | | | | |
| ⇨ C75 | 207,10 | 6,8 | 672 | 0,48 | 0,32 | 0,24 | | | * | * | | |
| | 166,49 | 8,4 | 672 | 0,59 | 0,39 | 0,30 | | | * | * | | |
| | 134,02 | 10 | 651 | 0,68 | 0,45 | 0,34 | | | * | * | | |
| | 112,18 | 12 | 548 | 0,69 | 0,45 | 0,34 | | | * | * | | |
| | 88,18 | 16 | 537 | 0,90 | 0,59 | 0,45 | | | | * | * | * |

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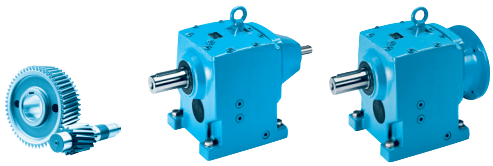
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 32/12** | 40 | 49 | 50 | 53 | 53 | 60 | 60 |
| **SK 33N** | 27 | 44 | 45 | 48 | 48 | 55 | 55 |

# SK 32
# SK 31E



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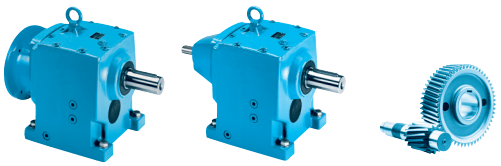
| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 71 | 80 | 90 | 100 | 112 | 132 | |
| **SK 32** | **81,27** | **17** | 515 | 0,92 | 0,61 | 0,46 | | | * | | | | |
| | **72,76** | **19** | 560 | 1,11 | 0,74 | 0,56 | | | * | | | | |
| | **64,26** | **22** | 640 | 1,47 | 0,97 | 0,74 | | | * | | | | |
| **W** | **57,53** | **24** | 613 | 1,54 | 1,02 | 0,77 | | | | | | | |
| **+** | **46,31** | **30** | 533 | 1,67 | 1,11 | 0,84 | | | | | | | |
| **IEC** | **46,25** | **30** | 672 | 2,11 | 1,39 | 1,06 | | | | * | * | | |
| | **38,76** | **36** | 446 | 1,68 | 1,11 | 0,84 | | | | | | | |
| mm | **37,23** | **38** | 589 | 2,34 | 1,55 | 1,17 | | | | * | * | | |
| | **33,05** | **42** | 380 | 1,67 | 1,10 | 0,84 | | | | | | | |
| ⇨ C74 | **31,16** | **45** | 512 | 2,41 | 1,59 | 1,21 | | | | * | * | | |
| | 30,43 | 46 | 639 | 3,08 | 2,03 | 1,54 | | | | | * | | |
| | 27,24 | 51 | 602 | 3,21 | 2,12 | 1,61 | | | | | * | | |
| | **26,57** | **53** | 436 | 2,42 | 1,60 | 1,21 | | | | * | * | | |
| | 23,12 | 61 | 630 | 4,02 | 2,66 | 2,01 | | | | | | | |
| | 20,70 | 68 | 658 | 4,69 | 3,09 | 2,34 | | | | | | | |
| | 18,67 | 75 | 631 | 4,96 | 3,27 | 2,48 | | | | | | | |
| | 16,66 | 84 | 530 | 4,66 | 3,08 | 2,33 | | | | | | | |
| | 16,25 | 86 | 639 | 5,75 | 3,80 | 2,88 | | | | | | * | |
| | 15,03 | 93 | 508 | 4,95 | 3,27 | 2,47 | | | | | | | |
| | 14,55 | 96 | 672 | 6,76 | 4,46 | 3,38 | | | | | | * | |
| | 11,71 | 120 | 710 | 8,92 | 5,89 | 4,46 | | | | | | * | |
| | 9,80 | 143 | 647 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 7,90 | 177 | 655 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 6,74 | 208 | 604 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 5,70 | 246 | 604 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 5,50 | 255 | 448 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 5,28 | 265 | 639 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 4,43 | 316 | 463 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 3,75 | 373 | 459 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 2,96 | 473 | 436 | *9,20* | *6,07* | *4,60* | | | | | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 71 | 80 | 90 | 100 | 112 | 132 | |
| **SK 31E** | **10,20** | **137** | 90 | 1,29 | 0,85 | 0,65 | | | * | | | | |
| | **8,20** | **171** | 105 | 1,88 | 1,24 | 0,94 | | | | * | * | | |
| | 4,83 | 290 | 98 | 2,98 | 1,96 | 1,49 | | | | * | * | | |
| | 3,67 | 381 | 110 | 4,39 | 2,90 | 2,19 | | | | | | | |
| **W** | 3,31 | 423 | 105 | 4,65 | 3,07 | 2,33 | | | | | | | |
| **+** | 2,58 | 543 | 185 | *9,20* | *6,07* | *4,60* | | | | | | | |
| **IEC** | 2,08 | 673 | 165 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 1,76 | 795 | 150 | *9,20* | *6,07* | *4,60* | | | | | | | |
| mm | 1,39 | 1007 | 143 | *9,20* | *6,07* | *4,60* | | | | | | | |

⇨ C65

* ⇨ A63

| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|
| **SK 32** | 40 | 38 | 42 | 42 | 46 | 46 | 55 |
| **SK 31E** | 27 | 25 | 29 | 29 | 33 | 33 | 42 |



# SK 42/12
# SK 43

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 42/12** | **2560,21** | **0,55** | 1200 | 0,11 | 0,07 | 0,05 | * | * | | | | |
| | **2163,20** | **0,65** | 1200 | 0,12 | 0,08 | 0,06 | * | * | | | | |
| | **1561,55** | **0,90** | 1200 | 0,15 | 0,10 | 0,08 | * | * | | | | |
| **W** | **1393,38** | **1,0** | 1200 | 0,17 | 0,11 | 0,08 | * | * | | | | |
| **+** | **1114,65** | **1,3** | 1200 | 0,20 | 0,13 | 0,10 | | * | | | | |
| **IEC** | 750,33 | 1,9 | 1200 | 0,28 | 0,18 | 0,14 | | * | * | * | | |
| | **670,81** | **2,1** | 1200 | 0,30 | 0,20 | 0,15 | | * | * | | | |
| mm | 550,73 | 2,5 | 1200 | 0,35 | 0,23 | 0,18 | | * | * | * | | |
| | 433,49 | 3,2 | 1200 | 0,44 | 0,29 | 0,22 | | | * | * | * | * |
| ⇨ C90 | 346,53 | 4,0 | 1200 | 0,54 | 0,36 | 0,27 | | | * | * | * | * |
| | 276,92 | 5,1 | 1200 | 0,68 | 0,45 | 0,34 | | | * | * | * | * |
| | 230,05 | 6,1 | 1200 | 0,77 | 0,51 | 0,38 | | | | * | * | * |
| | 169,00 | 8,3 | 1200 | 1,04 | 0,69 | 0,52 | | | | * | * | * |
| | 140,40 | 10 | 1200 | 1,26 | 0,83 | 0,63 | | | | * | * | * |
| | 116,20 | 12 | 1200 | 1,51 | 1,00 | 0,75 | | | | | * | * |
| | 87,73 | 16 | 1200 | 2,01 | 1,33 | 1,01 | | | | | * | * |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 43** | **1071,82** | **1,3** | 960 | 0,13 | 0,09 | 0,07 | | * | * | * | | |
| | **868,02** | **1,6** | 860 | 0,14 | 0,10 | 0,07 | | * | * | * | | |
| | **764,03** | **1,8** | 1031 | 0,19 | 0,13 | 0,10 | | * | * | * | | |
| **W** | **618,76** | **2,3** | 1112 | 0,27 | 0,18 | 0,13 | | * | * | * | | |
| **+** | **528,37** | **2,6** | 990 | 0,27 | 0,18 | 0,13 | | * | * | * | | |
| **IEC** | **421,11** | **3,3** | 1186 | 0,41 | 0,27 | 0,20 | | | * | * | | |
| | **359,59** | **3,9** | 1286 | 0,53 | 0,35 | 0,26 | | | * | * | | |
| mm | **298,80** | **4,7** | 1118 | 0,55 | 0,36 | 0,28 | | | * | * | | |
| | **278,51** | **5,0** | 1279 | 0,67 | 0,44 | 0,33 | | | * | * | | |
| ⇨ C77 | **263,93** | **5,3** | 1267 | 0,70 | 0,46 | 0,35 | | | * | * | | |
| | **231,43** | **6** | 1116 | 0,70 | 0,46 | 0,35 | | | * | * | | |
| | **219,32** | **6,4** | 1200 | 0,80 | 0,53 | 0,40 | | | | * | | |
| | **204,42** | **6,8** | 1289 | 0,92 | 0,61 | 0,46 | | | | * | | |
| | **182,76** | **7,7** | 1017 | 0,82 | 0,54 | 0,41 | | | | * | | |
| | **169,86** | **8,2** | 1166 | 1,00 | 0,66 | 0,50 | | | | * | | |
| | **141,55** | **9,9** | 1053 | 1,09 | 0,72 | 0,55 | | | | * | | |
| | 129,38 | 11 | 1240 | 1,43 | 0,94 | 0,71 | | | | * | * | * |
| | 107,51 | 13 | 1116 | 1,52 | 1,00 | 0,76 | | | | | * | * |
| | 94,96 | 15 | 1240 | 1,95 | 1,29 | 0,97 | | | | | * | * |
| | 79,96 | 18 | 1230 | 2,32 | 1,53 | 1,16 | | | | | * | * |
| | 70,12 | 20 | 1260 | 2,64 | 1,74 | 1,32 | | | | | * | * |
| | 58,27 | 24 | 1166 | 2,93 | 1,93 | 1,47 | | | | | * | * |
| | 48,56 | 29 | 1045 | 3,17 | 2,09 | 1,59 | | | | | | * |
| | 40,98 | 34 | 1041 | 3,71 | 2,45 | 1,85 | | | | | | * |

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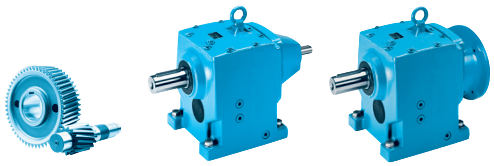
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 42/12** | 65 | 66 | 67 | 70 | 70 | 77 | 77 |
| **SK 43** | 70 | - | 68 | 72 | 72 | 76 | 76 |

# SK 42
# SK 41E



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| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 90 | 100 | 112 | 132 | 160 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 42** | **105,08** | **13** | 862 | 1,17 | 0,77 | 0,59 | * | | | | | | |
| | **85,10** | **16** | 796 | 1,33 | 0,88 | 0,67 | * | | | | | | |
| | **74,87** | **19** | 1080 | 2,15 | 1,42 | 1,07 | | * | * | | | | |
| **W** | **60,66** | **23** | 1004 | 2,42 | 1,60 | 1,21 | | * | * | | | | |
| **+** | **50,98** | **27** | 1098 | 3,10 | 2,05 | 1,55 | | | * | * | | | |
| **IEC** | **41,29** | **34** | 1186 | 4,22 | 2,79 | 2,11 | | | | * | | | |
| mm | **35,25** | **40** | 1228 | 5,14 | 3,39 | 2,57 | | | | * | | | |
| ⇨ C76 | 30,46 | 46 | 1078 | 5,19 | 3,43 | 2,60 | | | | | | | |
| | **29,29** | **48** | 1021 | 5,13 | 3,39 | 2,57 | | | | * | | | |
| | **25,88** | **54** | 1243 | 7,03 | 4,64 | 3,51 | | | | * | | | |
| | 24,67 | 57 | 891 | 5,32 | 3,51 | 2,66 | | | | | | | |
| | **24,41** | **57** | 858 | 5,12 | 3,38 | 2,56 | | | | * | | | |
| | 21,87 | 64 | 1096 | 7,34 | 4,85 | 3,67 | | | | * | * | | |
| | **21,50** | **65** | 1163 | 7,92 | 5,22 | 3,96 | | | | * | | | |
| | **17,92** | **78** | 998 | 8,15 | 5,38 | 4,08 | | | | * | | | |
| | 17,71 | 79 | 1186 | 9,81 | 6,48 | 4,91 | | | | | * | | |
| | 15,12 | 93 | 1244 | 12,11 | 8,00 | 6,06 | | | | | * | | |
| | 14,38 | 97 | 1158 | 11,76 | 7,76 | 5,88 | | | | | * | | |
| | 12,28 | 114 | 1196 | 14,28 | 9,42 | 7,14 | | | | | * | | |
| | 10,20 | 137 | 1167 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 8,50 | 165 | 1076 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 7,28 | 192 | 1076 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 6,19 | 226 | 1075 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 5,35 | 262 | 817 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 4,58 | 306 | 772 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 3,89 | 360 | 700 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 3,50 | 400 | 665 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 3,21 | 436 | 620 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 3,02 | 464 | 604 | *15,00* | *9,90* | *7,50* | | | | | | | |

| | | | | | | | IEC 90 | 100 | 112 | 132 | 160 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 41E** | **14,80** | **95** | 133 | 1,32 | 0,87 | 0,66 | | | | | | | |
| | **10,55** | **133** | 190 | 2,65 | 1,75 | 1,32 | | * | * | | | | |
| | **7,18** | **195** | 190 | 3,88 | 2,56 | 1,94 | | | * | * | | | |
| | **5,27** | **266** | 195 | 5,43 | 3,58 | 2,72 | | | | * | | | |
| | 4,29 | 326 | 155 | 5,29 | 3,49 | 2,65 | | | | | | | |
| | 3,88 | 361 | 145 | 5,48 | 3,62 | 2,74 | | | | | | | |
| | 3,42 | 409 | 140 | 6,00 | 3,96 | 3,00 | | | | | | | |
| **W** | 3,08 | 455 | 290 | 13,82 | 9,12 | 6,91 | | | | | * | | |
| **+** | 2,50 | 560 | 271 | *15,00* | *9,90* | *7,50* | | | | | | | |
| **IEC** | 2,14 | 654 | 248 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 1,82 | 769 | 223 | *15,00* | *9,90* | *7,50* | | | | | | | |
| mm | 1,63 | 859 | 200 | *15,00* | *9,90* | *7,50* | | | | | | | |
| ⇨ C66 | 1,50 | 933 | 190 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 1,41 | 993 | 180 | *15,00* | *9,90* | *7,50* | | | | | | | |

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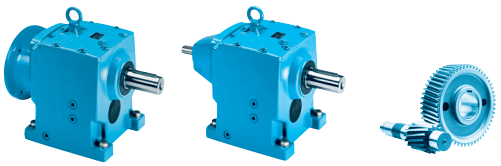
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|
| **SK 42** | 65 | 60 | 67 | 67 | 81 | 91 |
| **SK 41E** | 46 | 41 | 48 | 48 | 62 | 72 |



# SK 52/12
# SK 53



| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 52/12** | **2632,78** | **0,53** | 1830 | 0,14 | 0,09 | 0,07 | * | * | | | | |
| | **2107,10** | **0,66** | 1830 | 0,17 | 0,11 | 0,08 | * | * | | | | |
| | **1714,92** | **0,82** | 1830 | 0,20 | 0,13 | 0,10 | | * | | | | |
| **W** | **1425,44** | **0,98** | 1830 | 0,23 | 0,15 | 0,11 | | * | | | | |
| **+** | **1144,36** | **1,2** | 1830 | 0,27 | 0,18 | 0,13 | | * | * | * | | |
| **IEC** | 918,83 | 1,5 | 1830 | 0,33 | 0,22 | 0,16 | | * | * | * | | |
| | 689,41 | 2,0 | 1830 | 0,42 | 0,28 | 0,21 | | | * | * | | |
| mm | 542,09 | 2,6 | 1830 | 0,54 | 0,36 | 0,27 | | | * | * | | |
| | 491,28 | 2,8 | 1830 | 0,58 | 0,38 | 0,29 | | | * | * | * | * |
| ⇨ C90 | 354,06 | 4,0 | 1830 | 0,77 | 0,51 | 0,38 | | | | * | * | * |
| | 283,13 | 4,9 | 1830 | 0,94 | 0,62 | 0,47 | | | | * | * | * |
| | 219,56 | 6,4 | 1830 | 1,23 | 0,81 | 0,61 | | | | * | * | * |
| | 194,62 | 7,2 | 1830 | 1,38 | 0,91 | 0,69 | | | | * | * | * |
| | 146,03 | 9,6 | 1830 | 1,84 | 1,21 | 0,92 | | | | | * | * |
| | 124,38 | 11 | 1830 | 2,11 | 1,39 | 1,05 | | | | | * | * |
| | 97,80 | 14 | 1830 | 2,68 | 1,77 | 1,34 | | | | | * | * |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 53** | **728,20** | **1,9** | 1595 | 0,32 | 0,21 | 0,16 | | | * | * | | |
| | **607,30** | **2,3** | 1882 | 0,45 | 0,30 | 0,23 | | | * | * | | |
| | **548,89** | **2,6** | 1911 | 0,52 | 0,34 | 0,26 | | | * | * | | |
| **W** | **498,82** | **2,8** | 1920 | 0,56 | 0,37 | 0,28 | | | * | * | | |
| **+** | **392,20** | **3,6** | 1823 | 0,69 | 0,45 | 0,34 | | | * | * | | |
| **IEC** | **374,25** | **3,7** | 1920 | 0,74 | 0,49 | 0,37 | | | * | * | | |
| | **294,26** | **4,8** | 2227 | 1,12 | 0,74 | 0,56 | | | | * | | |
| mm | **245,56** | **5,7** | 1859 | 1,11 | 0,73 | 0,55 | | | | * | | |
| | 236,21 | 5,9 | 1920 | 1,19 | 0,78 | 0,59 | | | | * | * | * |
| ⇨ C79 | 185,72 | 7,5 | 1820 | 1,43 | 0,94 | 0,71 | | | | * | * | * |
| | 177,22 | 7,9 | 1920 | 1,59 | 1,05 | 0,79 | | | | | * | * |
| | 139,34 | 10 | 2232 | 2,34 | 1,54 | 1,17 | | | | | * | * |
| | 105,87 | 13 | 2224 | 3,03 | 2,00 | 1,51 | | | | | | * |
| | 95,49 | 15 | 2231 | 3,50 | 2,31 | 1,75 | | | | | | * |
| | 79,69 | 18 | 1862 | 3,51 | 2,32 | 1,75 | | | | | | |
| | 65,35 | 21 | 1920 | *4,00* | *2,64* | *2,00* | | | | | | |
| | 58,94 | 24 | 1920 | *4,00* | *2,64* | *2,00* | | | | | | |

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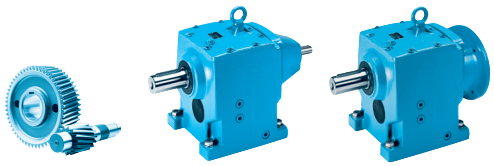
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 52/12** | 94 | 65 | 96 | 99 | 99 | 106 | 106 |
| **SK 53** | 103 | - | 101 | 105 | 105 | 109 | 109 |

# SK 52
# SK 51E



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| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 90 | 100 | 112 | 132 | 160 | 180 | |
| **SK 52** | **86,92** | **16** | 1721 | 2,88 | 1,90 | 1,44 | | * | * | | | | |
| | **78,56** | **18** | 1596 | 3,01 | 1,99 | 1,50 | | | * | | | | |
| | **71,39** | **20** | 1588 | 3,33 | 2,19 | 1,66 | | | * | | | | |
| **W** | **59,54** | **24** | 1893 | 4,76 | 3,14 | 2,38 | | | | * | | | |
| **+** | **53,81** | **26** | 1911 | 5,20 | 3,43 | 2,60 | | | | * | | | |
| **IEC** | **48,90** | **29** | 1920 | 5,83 | 3,85 | 2,92 | | | | * | | | |
| | **40,37** | **35** | 1911 | 7,00 | 4,62 | 3,50 | | | | * | | | |
| mm | **38,45** | **36** | 1668 | 6,29 | 4,15 | 3,14 | | | | * | | | |
| | 36,03 | 39 | 1394 | 5,69 | 3,76 | 2,85 | | | | | | | |
| ⇨ C78 | **36,69** | **38** | 1920 | 7,64 | 5,04 | 3,82 | | | | * | | | |
| | 32,56 | 43 | 1260 | 5,67 | 3,74 | 2,84 | | | | * | | | |
| | **32,09** | **44** | 1393 | 6,42 | 4,24 | 3,21 | | | | * | | | |
| | **28,85** | **49** | 2024 | 10,38 | 6,85 | 5,19 | | | | | | | |
| | 26,46 | 53 | 1893 | 10,51 | 6,93 | 5,25 | | | | | * | | |
| | **24,07** | **58** | 1689 | 10,26 | 6,77 | 5,13 | | | | | | | |
| | 23,92 | 59 | 1911 | 11,81 | 7,79 | 5,90 | | | | | * | | |
| | 21,68 | 65 | 1893 | 12,88 | 8,50 | 6,44 | | | | | * | | |
| | 19,60 | 71 | 1911 | 14,21 | 9,38 | 7,10 | | | | | * | | |
| | 17,81 | 79 | 1920 | 15,88 | 10,48 | 7,94 | | | | | | | |
| | 14,00 | 100 | 1920 | 20,10 | 13,27 | 10,05 | | | | | | | |
| | 13,45 | 104 | 1851 | 20,16 | 13,30 | 10,08 | | | | | | * | |
| | 10,58 | 132 | 1761 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 8,83 | 159 | 1676 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 7,27 | 193 | 1565 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 6,42 | 218 | 1498 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 5,60 | 250 | 1170 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 4,61 | 304 | 1195 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 4,08 | 343 | 1127 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 3,67 | 381 | 1057 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 3,40 | 412 | 1009 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 3,23 | 433 | 959 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 2,78 | 504 | 888 | *22,00* | *14,52* | *11,00* | | | | | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 90 | 100 | 112 | 132 | 160 | 180 | |
| **SK 51E** | **13,27** | **106** | 290 | 3,22 | 2,12 | 1,61 | | | * | | | | |
| | **9,09** | **154** | 320 | 5,16 | 3,41 | 2,58 | | | | * | | | |
| | **6,82** | **205** | 400 | 8,59 | 5,67 | 4,29 | | | | * | | | |
| | 5,50 | 255 | 220 | 5,87 | 3,88 | 2,94 | | | | | | | |
| | 4,04 | 347 | 410 | 14,90 | 9,83 | 7,45 | | | | | * | | |
| | 3,31 | 423 | 492 | 21,79 | 14,38 | 10,90 | | | | | | | |
| | 2,86 | 490 | 456 | *22,00* | *14,52* | *11,00* | | | | | | | |
| **W** | 2,50 | 560 | 426 | *22,00* | *14,52* | *11,00* | | | | | | | |
| **+** | 2,06 | 680 | 382 | *22,00* | *14,52* | *11,00* | | | | | | | |
| **IEC** | 1,82 | 769 | 341 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 1,64 | 854 | 325 | *22,00* | *14,52* | *11,00* | | | | | | | |
| mm | 1,52 | 921 | 310 | *22,00* | *14,52* | *11,00* | | | | | | | |
| | 1,44 | 972 | 305 | *22,00* | *14,52* | *11,00* | | | | | | | |
| ⇨ B67 | 1,24 | 1129 | 275 | *22,00* | *14,52* | *11,00* | | | | | | | |

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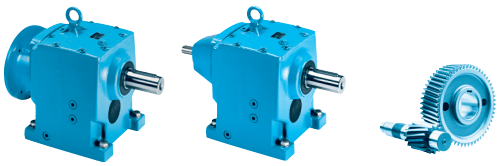
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|
| **SK 52** | 94 | 89 | 96 | 96 | 110 | 120 | 120 |
| **SK 51E** | 55 | 50 | 57 | 57 | 71 | 81 | 81 |



# SK 62/23
# SK 63/22

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | | | |
| **SK 63/23** | **13304,45** | **0,11** | 3200 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| | **11045,44** | **0,13** | 3200 | 0,08 | 0,06 | 0,04 | * | * | | | | | |
| | **8150,78** | **0,17** | 3200 | 0,10 | 0,06 | 0,05 | * | * | | | | | |
| **W** | 6683,37 | 0,21 | 3200 | 0,11 | 0,07 | 0,06 | * | * | * | * | | | |
| **+** | 5393,14 | 0,26 | 3200 | 0,13 | 0,08 | 0,06 | * | * | * | * | | | |
| **IEC** | 4369,06 | 0,32 | 3200 | 0,15 | 0,10 | 0,07 | * | * | * | * | | | |
| | 3389,71 | 0,41 | 3200 | 0,18 | 0,12 | 0,09 | | * | * | * | | | |
| mm | 2814,26 | 0,50 | 3200 | 0,21 | 0,14 | 0,10 | | * | * | * | | | |
| | 2161,10 | 0,65 | 3200 | 0,26 | 0,17 | 0,13 | | * | * | * | | | |
| ⇨ C91 | 1676,63 | 0,84 | 3200 | 0,32 | 0,21 | 0,16 | | * | * | * | | | |
| | 1408,77 | 0,99 | 3200 | 0,37 | 0,25 | 0,19 | | | * | * | | | |
| | 1064,04 | 1,3 | 3200 | 0,48 | 0,31 | 0,24 | | | * | * | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 63/22** | 849,73 | 1,6 | 3200 | 0,58 | 0,38 | 0,29 | | | * | * | * | * | |
| | 727,45 | 1,9 | 3200 | 0,68 | 0,45 | 0,34 | | | * | * | * | * | |
| | 552,45 | 2,5 | 3200 | 0,84 | 0,55 | 0,42 | | | | * | * | * | |
| **W** | 430,19 | 3,3 | 3200 | 1,11 | 0,73 | 0,55 | | | | * | * | * | |
| **+** | 368,29 | 3,8 | 3200 | 1,27 | 0,84 | 0,64 | | | | * | * | * | |
| **IEC** | 282,73 | 5,0 | 3200 | 1,68 | 1,11 | 0,84 | | | | | * | * | |
| | 224,97 | 6,2 | 3200 | 2,08 | 1,37 | 1,04 | | | | | * | * | |
| mm | 172,85 | 8,1 | 3200 | 2,71 | 1,79 | 1,36 | | | | | * | * | |
| ⇨ C90 | 153,31 | 9,1 | 3200 | 3,05 | 2,01 | 1,52 | | | | | | * | |

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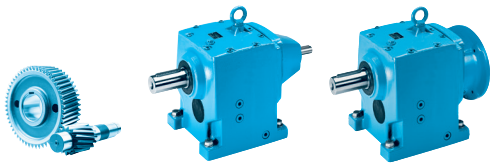
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 62/23** | 160 | 161 | 162 | 165 | 165 | - | - |
| **SK 63/22** | 158 | - | 156 | 160 | 160 | 164 | 164 |

# SK 63
# SK 62



DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 90 |
| **SK 63** | **372,21** | **3,8** | 3200 | 1,27 | 0,84 | 0,64 | * |
| | **300,34** | **4,7** | 3200 | 1,57 | 1,04 | 0,79 | |
| | **265,32** | **5,3** | 3640 | 2,02 | 1,33 | 1,01 | |
| **W** | **214,10** | **6,5** | 3640 | 2,48 | 1,64 | 1,24 | |
| **+** | **180,57** | **7,8** | 3660 | 2,99 | 1,97 | 1,49 | |
| **IEC** | **145,71** | **9,6** | 3700 | 3,72 | 2,45 | 1,86 | |
| | **132,54** | 11 | 3700 | 4,26 | 2,81 | 2,13 | |
| mm | 107,89 | 13 | 3650 | 4,97 | 3,28 | 2,48 | |
| | **106,95** | 13 | 3700 | 5,04 | 3,32 | 2,52 | |
| ⇨ C81 | 87,06 | 16 | 3200 | 5,36 | 3,54 | 2,68 | |
| | 77,46 | 18 | 3700 | 6,97 | 4,60 | 3,49 | |
| | 62,87 | 22 | 3670 | 8,45 | 5,58 | 4,23 | |
| | 53,82 | 26 | 3700 | 10,07 | 6,65 | 5,04 | |
| | 50,73 | 28 | 3700 | 10,85 | 7,16 | 5,42 | |
| | 43,43 | 32 | 3680 | 12,33 | 8,14 | 6,17 | |
| | 36,11 | 39 | 3690 | 15,07 | 9,95 | 7,53 | |
| | 30,91 | 45 | 3590 | 16,92 | 11,16 | 8,46 | |
| | 26,28 | 53 | 3200 | 17,76 | 11,72 | 8,88 | |
| | 21,98 | 64 | 3200 | 21,45 | 14,15 | 10,72 | |
| | 20,77 | 67 | 3200 | *22,00* | *14,52* | *11,00* | |
| | 17,37 | 81 | 3200 | *22,00* | *14,52* | *11,00* | |

| | | | | | | | IEC 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 62** | **48,73** | **29** | 2510 | 7,62 | 5,03 | 3,81 | | | | * | | | | |
| | **37,05** | **38** | 3010 | 11,98 | 7,90 | 5,99 | | | | | * | * | | |
| | 18,14 | 77 | 3077 | 24,81 | 16,37 | 12,40 | | | | | | | | |
| **W** | 15,80 | 89 | 3004 | 28,00 | 18,48 | 14,00 | | | | | | | | |
| **+** | 13,92 | 101 | 3080 | 32,57 | 21,50 | 16,29 | | | | | | | | * |
| **IEC** | 11,59 | 121 | 3077 | 38,99 | 25,73 | 19,49 | | | | | | | | * |
| | 10,55 | 133 | 3093 | 43,08 | 28,43 | 21,54 | | | | | | | | * |
| mm | 8,78 | 159 | 3012 | 45,00 | 29,70 | 22,50 | | | | | | | | |
| | 7,56 | 185 | 3120 | 45,00 | 29,70 | 22,50 | | | | | | | | |
| ⇨ C80 | 6,35 | 220 | 1930 | 44,46 | 29,34 | 22,23 | | | | | | | | |
| | 5,29 | 265 | 1882 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 4,56 | 307 | 2081 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 4,05 | 346 | 1885 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 3,91 | 358 | 2009 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 3,72 | 376 | 2030 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 3,30 | 424 | 1980 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 2,97 | 471 | 1960 | *45,00* | *29,70* | *22,50* | | | | | | | | |

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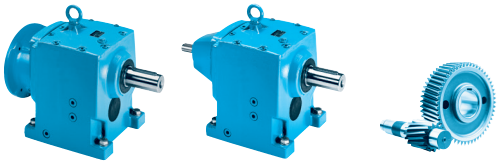
| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 63** | 149 | 144 | 151 | 151 | 165 | 175 | 175 | - | - |
| **SK 62** | 171 | - | 159 | 159 | 172 | 197 | 197 | 211 | 226 |



# SK 73/22
# SK 73/32

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 73/22** | **3436,53** | **0,41** | 5000 | 0,25 | 0,17 | 0,13 | | * | * | * | | | |
| | **2775,11** | **0,50** | 5000 | 0,30 | 0,20 | 0,15 | | * | * | * | | | |
| | **2194,44** | **0,64** | 5000 | 0,38 | 0,25 | 0,19 | | | * | * | | | |
| **W + IEC** | **1772,08** | **0,79** | 5000 | 0,45 | 0,30 | 0,23 | | | * | * | | | |
| mm | 1254,07 | 1,1 | 5000 | 0,62 | 0,41 | 0,31 | | | * | * | * | * | |
| ⇨ C90 | 1099,84 | 1,3 | 5000 | 0,72 | 0,48 | 0,36 | | | * | * | * | * | |
| | 888,16 | 1,6 | 5000 | 0,84 | 0,55 | 0,42 | | | | * | * | * | |
| | 737,61 | 1,9 | 5000 | 0,99 | 0,66 | 0,50 | | | | * | * | * | |
| | 566,77 | 2,5 | 5000 | 1,31 | 0,86 | 0,65 | | | | * | * | * | |
| | 457,68 | 3,1 | 5000 | 1,62 | 1,07 | 0,81 | | | | | * | * | |
| | 345,90 | 4,0 | 5000 | 2,09 | 1,38 | 1,05 | | | | | * | * | |
| | 279,33 | 5,0 | 5000 | 2,62 | 1,73 | 1,31 | | | | | * | * | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | 100 | 112 | 132 |
| **SK 73/32** | 226,73 | 6,2 | 5000 | 3,25 | 2,14 | 1,62 | | | | | | * | * |
| **W + IEC** | 171,23 | 8,2 | 5000 | 4,29 | 2,83 | 2,15 | | | | | | | * |
| mm | 141,11 | 9,9 | 5000 | 5,18 | 3,42 | 2,59 | | | | | | | * |
| ⇨ C90 | 124,65 | 11 | 5000 | 5,76 | 3,80 | 2,88 | | | | | | | * |

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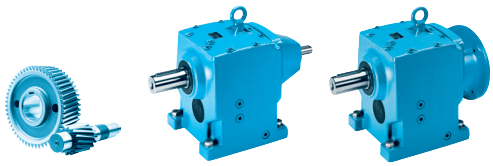
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 73/22** | 239 | - | 237 | 241 | 241 | 245 | 245 | - |
| **SK 73/32** | 250 | - | - | - | 252 | 256 | 256 | 265 |







| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 100 | 112 | 132 | 160 | 180 | 200 | 225 |
| **SK 73** | **205,61** | **6,8** | 5330 | 3,80 | 2,50 | 1,90 | | * | * | | | | |
| | **166,03** | **8,4** | 5630 | 4,95 | 3,27 | 2,48 | | | * | | | | |
| | **124,57** | **11** | 5620 | 6,47 | 4,27 | 3,24 | | | * | * | * | | |
| **W** | 124,41 | 11 | 5000 | 5,76 | 3,80 | 2,88 | | | * | | | | |
| **+** | 100,46 | 14 | 4000 | 5,68 | 3,87 | 2,93 | | | * | | | | |
| **IEC** | 91,38 | 15 | 5330 | 8,37 | 5,53 | 4,19 | | | * | | | | |
| | 74,87 | 19 | 5330 | 10,60 | 7,00 | 5,30 | | | | * | * | | |
| mm | 60,46 | 23 | 5650 | 13,61 | 8,98 | 6,80 | | | | * | * | | |
| | 52,24 | 27 | 5560 | 15,72 | 10,37 | 7,86 | | | | | * | | |
| ⇨ C83 | 45,66 | 31 | 5370 | 17,43 | 11,50 | 8,72 | | | | | * | * | * |
| | 37,63 | 37 | 5000 | 19,37 | 12,79 | 9,69 | | | | | * | * | * |
| | 33,24 | 42 | 5000 | 21,99 | 14,51 | 10,99 | | | | | * | * | * |
| | 28,32 | 49 | 5000 | 25,65 | 16,93 | 12,83 | | | | | | * | * |
| | 23,34 | 60 | 5000 | 31,41 | 20,73 | 15,71 | | | | | | | * |
| | 20,62 | 68 | 5000 | 35,60 | 23,50 | 17,80 | | | | | | | * |
| | 18,00 | 78 | 5000 | 40,84 | 26,95 | 20,42 | | | | | | | * |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 100 | 112 | 132 | 160 | 180 | 200 | 225 |
| **SK 72** | **43,71** | **32** | 4050 | 13,57 | 8,96 | 6,79 | | | | * | * | | |
| | **33,04** | **42** | 3217 | 14,15 | 9,34 | 7,07 | | | | * | * | | |
| | **28,63** | **49** | 4053 | 20,80 | 13,71 | 10,40 | | | | | * | * | |
| | **21,64** | **65** | 4492 | 30,57 | 20,18 | 15,29 | | | | | | | |
| | 21,72 | 64 | 4053 | 27,16 | 17,93 | 13,58 | | | | | | | |
| **W** | 16,86 | 83 | 4053 | 35,23 | 23,25 | 17,61 | | | | | | | * |
| **+** | 14,33 | 98 | 4053 | 41,59 | 27,45 | 20,80 | | | | | | | * |
| **IEC** | 12,52 | 112 | 4053 | 47,53 | 31,37 | 23,77 | | | | | | | |
| | 10,84 | 129 | 4677 | *55,00* | *36,30* | *27,50* | | | | | | | |
| mm | 9,46 | 148 | 4708 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 8,19 | 171 | 4657 | *55,00* | *36,30* | *27,50* | | | | | | | |
| ⇨ C82 | 6,95 | 201 | 4292 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 6,42 | 218 | 2770 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 5,60 | 250 | 2831 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 4,85 | 289 | 2910 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 4,12 | 340 | 2673 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 3,86 | 363 | 2589 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 3,43 | 408 | 2423 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 3,26 | 429 | 2333 | *55,00* | *36,30* | *27,50* | | | | | | | |
| | 2,76 | 507 | 2135 | *55,00* | *36,30* | *27,50* | | | | | | | |

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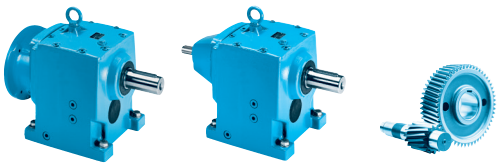
| kg | W | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|
| **SK 73** | 250 | 238 | 238 | 251 | 276 | 276 | 290 | 305 |
| **SK 72** | 240 | - | - | 241 | 266 | 266 | 280 | 295 |



# SK 83/32
# SK 83/42

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | 100 | 112 | 132 | |
| **SK 83/32** | **3560,53** | **0,39** | 8000 | 0,37 | 0,24 | 0,18 | | | * | * | | | | |
| | **2866,13** | **0,49** | 8000 | 0,45 | 0,30 | 0,23 | | | * | * | | | | |
| **W** | **2045,46** | **0,68** | 8000 | 0,61 | 0,40 | 0,30 | | | * | * | | | | |
| **+** | 1687,12 | 0,83 | 8000 | 0,74 | 0,49 | 0,37 | | | * | * | * | * | | |
| **IEC** | **1368,62** | **1,0** | 8000 | 0,84 | 0,55 | 0,42 | | | | * | * | * | | |
| | 1155,49 | 1,2 | 8000 | 1,01 | 0,66 | 0,50 | | | | * | * | * | | |
| mm | 900,50 | 1,6 | 8000 | 1,34 | 0,88 | 0,67 | | | | * | * | * | * | |
| ⇨ C90 | 724,73 | 1,9 | 8000 | 1,59 | 1,05 | 0,80 | | | | | * | * | * | |

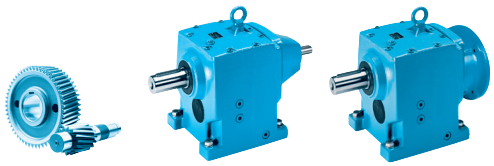
| | | | | | | | IEC | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | 100 | 112 | 132 | 160 |
| **SK 83/42** | 525,40 | 2,7 | 8000 | 2,26 | 1,49 | 1,13 | | | | | * | * | * | * |
| | 437,84 | 3,2 | 8000 | 2,68 | 1,77 | 1,34 | | | | | * | * | * | * |
| **W** | 374,99 | 3,7 | 8000 | 3,10 | 2,05 | 1,55 | | | | | | * | * | * |
| **+** | 275,58 | 5,1 | 8000 | 4,27 | 2,82 | 2,14 | | | | | | | * | * |
| **IEC** | 235,92 | 5,9 | 8000 | 4,94 | 3,26 | 2,47 | | | | | | | * | * |
| | 200,37 | 7,0 | 8000 | 5,86 | 3,87 | 2,93 | | | | | | | * | * |
| mm | 148,94 | 9,4 | 8000 | 7,87 | 5,20 | 3,94 | | | | | | | * | * |
| ⇨ C91 | 126,50 | 11 | 8000 | 9,21 | 6,08 | 4,61 | | | | | | | | * |

* ⇨ A63



| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 83/32** | 357 | - | 355 | 359 | 359 | 363 | 363 | 372 | - |
| **SK 83/42** | 382 | - | - | - | 377 | 384 | 384 | 398 | 408 |

# SK 83
# SK 82



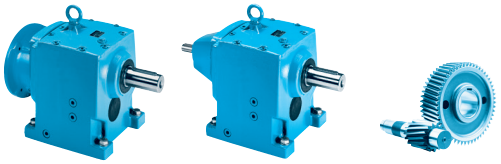
NORD DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B = 1$ | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 100 | 112 | 132 | 160 | 180 | 200 | 225 | | |
| **SK 83** | **216,61** | **6,5** | 8890 | 6,05 | 3,99 | 3,03 | | | * | | | | | | |
| | **164,70** | **8,5** | 8930 | 7,95 | 5,25 | 3,97 | | | * | * | * | | | | |
| | **136,78** | **10** | 7380 | 7,73 | 5,10 | 3,86 | | | * | | | | | | |
| **W** | **104,00** | **13** | 9180 | 12,50 | 8,25 | 6,25 | | | | * | * | | | | |
| **+** | 80,62 | 17 | 8980 | 15,99 | 10,55 | 7,99 | | | | | * | | | | |
| **IEC** | 70,24 | 20 | 8960 | 18,76 | 12,38 | 9,38 | | | | | * | | | | |
| | 61,89 | 23 | 9000 | 21,68 | 14,31 | 10,84 | | | | | * | * | * | | |
| mm | 51,51 | 27 | 8930 | 25,25 | 16,66 | 12,62 | | | | | | * | * | | |
| | 44,38 | 32 | 8890 | 29,79 | 19,66 | 14,89 | | | | | | * | * | | |
| ⇨ C85 | 39,08 | 36 | 9000 | 33,93 | 22,39 | 16,96 | | | | | | | * | | |
| | 32,52 | 43 | 8550 | 38,50 | 25,41 | 19,25 | | | | | | | * | | |
| | 28,03 | 50 | 8130 | 42,57 | 28,09 | 21,28 | | | | | | | * | | |
| | 24,42 | 57 | 8000 | *45,00* | *29,70* | *22,50* | | | | | | | | | |
| | 21,04 | 67 | 8000 | *45,00* | *29,70* | *22,50* | | | | | | | | | |

| | | | | | | | IEC | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 |
| **SK 82** | **48,82** | **29** | 5320 | 16,15 | 10,66 | 8,08 | | | | | * | | | | |
| | **40,45** | **35** | 4144 | 15,19 | 10,02 | 7,59 | | | | | * | | | | |
| | **32,12** | **44** | 6591 | 30,37 | 20,04 | 15,18 | | | | | | | | | |
| | **26,62** | **53** | 6357 | 35,28 | 23,28 | 17,64 | | | | | | | | | |
| | **26,48** | **53** | 6591 | 36,58 | 24,14 | 18,29 | | | | | | | * | | |
| **W** | **21,94** | **64** | 7246 | 48,56 | 32,05 | 24,28 | | | | | | | | | |
| **+** | 16,56 | 85 | 6579 | 58,56 | 38,65 | 29,28 | | | | | | | | | |
| **IEC** | 14,29 | 98 | 6581 | 67,53 | 44,57 | 33,77 | | | | | | | | | * |
| | 11,84 | 118 | 7135 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| mm | 10,33 | 136 | 6866 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 8,82 | 159 | 6569 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| ⇨ C84 | 7,39 | 189 | 6256 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 6,19 | 226 | 4304 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 5,29 | 265 | 4784 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 4,43 | 316 | 4344 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 3,62 | 387 | 3950 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |
| | 2,89 | 484 | 3127 | *75,00* | *49,50* | *37,50* | | | | | | | | | * |

* ⇨ A63

| kg | W | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 83** | 357 | 345 | 345 | 358 | 383 | 383 | 397 | 412 | - | - |
| **SK 82** | 424 | - | - | 350 | 375 | 375 | 389 | 404 | 459 | 459 |



# SK 93/42
# SK 93/52

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B = 1$ | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 71 | 80 | 90 | 100 | 112 | 132 | 160 | |
| **SK 93/42** | **1641,59** | **0,85** | 12200 | 1,09 | 0,72 | 0,54 | | | | * | * | * | | |
| | 1298,54 | 1,1 | 12200 | 1,41 | 0,93 | 0,70 | | | * | * | * | | | |
| **W** | 1091,47 | 1,3 | 12200 | 1,66 | 1,10 | 0,83 | | | | * | * | * | * | |
| **+** | 813,46 | 1,7 | 12200 | 2,17 | 1,43 | 1,09 | | | | * | * | * | * | |
| **IEC** | 756,82 | 1,8 | 12200 | 2,30 | 1,52 | 1,15 | | | | * | * | * | * | |
| mm | 548,76 | 2,6 | 12200 | 3,32 | 2,19 | 1,66 | | | | | * | * | * | |
| ⇨ C91 | 457,30 | 3,1 | 12200 | 3,96 | 2,61 | 1,98 | | | | | * | * | * | |
| | 333,02 | 4,2 | 12200 | 5,37 | 3,54 | 2,68 | | | | | | * | * | |
| | 287,83 | 4,9 | 12200 | 6,26 | 4,13 | 3,13 | | | | | | * | * | |
| | 239,74 | 5,8 | 12200 | 7,41 | 4,89 | 3,70 | | | | | | * | * | |
| | 181,16 | 7,7 | 12200 | 9,84 | 6,49 | 4,92 | | | | | | | * | |

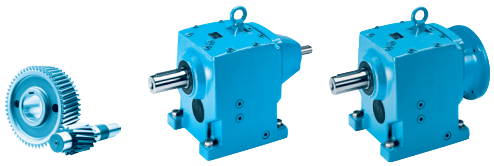
| | | | | | | | IEC | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 |
| **SK 93/52** | 161,32 | 8,7 | 12200 | 11,11 | 7,34 | 5,56 | | | | | | | * | * |
| | 127,50 | 11 | 12200 | 14,05 | 8,27 | 7,03 | | | | | | | * | * |
| **W + IEC** | 106,25 | 13 | 12200 | 16,61 | 10,96 | 8,30 | | | | | | | | * |
| mm | | | | | | | | | | | | | | |
| ⇨ C92 | | | | | | | | | | | | | | |

* ⇨ A63

Helical Gear Units

| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 93/42** | 561 | - | - | 556 | 563 | 563 | 577 | 587 | - |
| **SK 93/52** | 590 | - | - | - | 592 | 592 | 606 | 616 | 616 |

# SK 93
# SK 92



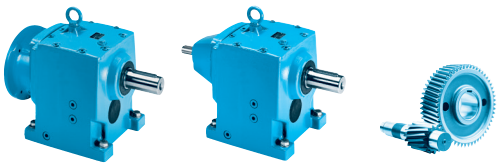
NORD DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | $P_{1max}$ $n_1$ = 930 min$^{-1}$ | $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 132 / 160 / 180 / 200 / 225 / 250 / 280 |
| **SK 93** | **187,89** | **7,5** | 13980 | 10,98 | 7,25 | 5,49 | * * |
| | **123,05** | **11** | 13950 | 16,07 | 10,60 | 8,03 | * * |
| | **109,14** | **13** | 11560 | 15,74 | 10,39 | 7,87 | * |
| **W** | 93,34 | 15 | 14000 | 21,99 | 14,51 | 10,99 | * |
| **+** | 72,47 | 19 | 13400 | 26,66 | 17,60 | 13,33 | * * |
| **IEC** | 61,63 | 23 | 12700 | 30,59 | 20,19 | 15,29 | * * |
| mm | 53,80 | 26 | 12250 | 33,35 | 22,01 | 16,68 | * * * |
| ⇨ C87 | 46,57 | 30 | 12200 | 38,32 | 25,29 | 19,16 | * * * |
| | 39,54 | 35 | 12200 | 44,71 | 29,51 | 22,36 | * * * |
| | 31,25 | 45 | 12200 | 57,49 | 37,94 | 28,74 | * |
| | 27,05 | 52 | 12200 | 66,43 | 43,84 | 33,21 | * |
| | 22,97 | 61 | 12200 | *75,00* | *49,50* | *37,50* | * |
| | 19,12 | 73 | 12200 | *75,00* | *49,50* | *37,50* | * |

| | | | | | | | IEC 132 / 160 / 180 / 200 / 225 / 250 / 280 / 315 |
|---|---|---|---|---|---|---|---|
| **SK 92** | **35,47** | **39** | 9640 | 39,37 | 25,98 | 19,68 | |
| | **29,30** | **48** | 10775 | 54,16 | 35,74 | 27,08 | |
| | 16,47 | 85 | 10613 | 94,46 | 62,34 | 47,23 | |
| **W** | 14,36 | 97 | 10774 | 109,43 | 72,23 | 54,72 | |
| **+** | 12,39 | 113 | 10592 | 125,33 | 82,72 | 62,66 | * |
| **IEC** | 10,50 | 133 | 10112 | 140,83 | 92,95 | 70,41 | * |
| mm | 7,78 | 180 | 6085 | 114,69 | 75,70 | 57,35 | |
| ⇨ C86 | 6,70 | 209 | 7012 | 153,46 | 101,28 | 76,73 | * |
| | 5,68 | 246 | 7212 | *160,00* | *105,60* | *80,00* | * |
| | 3,51 | 399 | 5572 | *160,00* | *105,60* | *80,00* | * |

* ⇨ A63

| kg | W | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 93** | 536 | 537 | 562 | 562 | 576 | 591 | 646 | 646 | - |
| **SK 92** | 575 | 528 | 551 | 551 | 565 | 580 | 635 | 635 | 715 |



# SK 103/52

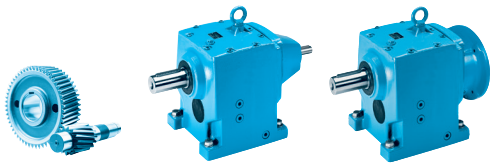
| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$= 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$= 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | | |
| **SK 103/52** | **2037,08** | **0,69** | 20000 | 1,45 | 0,95 | 0,72 | | | | * | * | * | | |
| | **1701,72** | **0,82** | 20000 | 1,72 | 1,13 | 0,86 | | | | * | * | * | | |
| | 1412,72 | 0,99 | 20000 | 2,07 | 1,37 | 1,04 | | | | * | * | | | |
| **W** | 1148,61 | 1,2 | 20000 | 2,51 | 1,66 | 1,26 | | | | * | * | * | * | |
| **+** | 943,57 | 1,5 | 20000 | 3,14 | 2,07 | 1,57 | | | | | * | * | * | |
| **IEC** | 816,55 | 1,7 | 20000 | 3,56 | 2,35 | 1,78 | | | | | * | * | * | * |
| mm | 642,31 | 2,2 | 20000 | 4,61 | 3,04 | 2,30 | | | | | | * | * | * |
| ⇨ C91 | 467,81 | 3,0 | 20000 | 6,28 | 4,15 | 3,14 | | | | | | * | * | * |
| | 340,13 | 4,1 | 20000 | 8,59 | 5,67 | 4,29 | | | | | | * | * | * |
| | 296,69 | 4,7 | 20000 | 9,84 | 6,50 | 4,92 | | | | | | | * | * |
| | 244,77 | 5,7 | 20000 | 11,94 | 7,88 | 5,97 | | | | | | | * | * |
| | 184,62 | 7,6 | 20000 | 15,92 | 10,50 | 7,96 | | | | | | | | * |
| | 154,63 | 9,1 | 20000 | 19,06 | 12,58 | 9,53 | | | | | | | | * |
| | 122,42 | 11 | 20000 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 105,36 | 13 | 20000 | *22,00* | *14,52* | *11,00* | | | | | | | | |

* ⇨ A63



| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 103/52** | 809 | - | - | 804 | 811 | 811 | 825 | 835 | 835 |

# SK 103
# SK 102



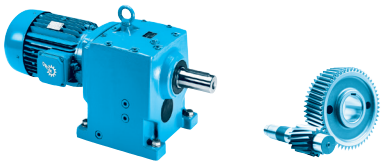
NORD DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ C4 - C40 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
| **SK 103** | **207,47** | **6,7** | 23160 | 16,25 | 10,72 | 8,12 | | | * | | | | | |
| | **136,51** | **10** | 23000 | 24,08 | 15,90 | 12,04 | | | | * | | | | |
| | **112,53** | **12** | 23160 | 29,10 | 19,21 | 14,55 | | | | * | * | | | |
| **W** | 81,40 | 17 | 20500 | 36,49 | 24,08 | 18,25 | | | | | * | | | |
| **+** | 70,38 | 20 | 20000 | 41,88 | 27,64 | 20,94 | | | | | * | * | | |
| **IEC** | 60,71 | 23 | 20000 | 48,17 | 31,79 | 24,08 | | | | | | * | * | * |
| | 52,98 | 26 | 20000 | 54,45 | 35,94 | 27,23 | | | | | | * | * | * |
| mm | 45,25 | 31 | 20000 | 64,92 | 42,85 | 32,46 | | | | | | | * | * |
| | 37,90 | 37 | 20000 | 77,49 | 51,14 | 38,74 | | | | | | | * | * |
| ⇨ C89 | 29,62 | 47 | 20000 | 98,43 | 64,96 | 49,21 | | | | | | | | * |
| | 25,30 | 55 | 20000 | *110,00* | *72,60* | *55,00* | | | | | | | | * |
| | 21,19 | 66 | 20000 | *110,00* | *72,60* | *55,00* | | | | | | | | * |

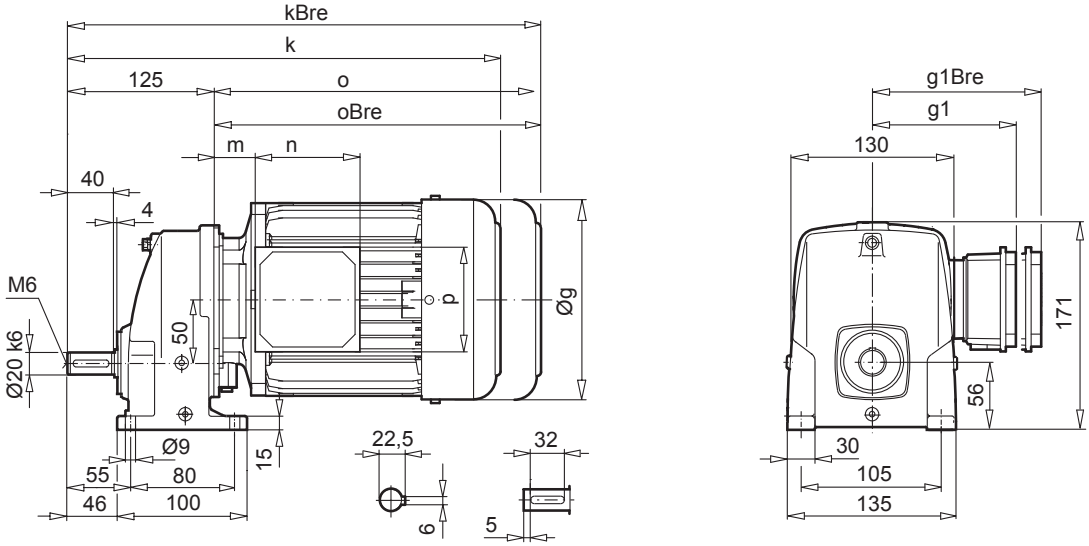
| | | | | | | | IEC | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
| **SK 102** | **38,81** | **36** | 16059 | 60,54 | 39,95 | 30,27 | | | | | | | | |
| | 19,37 | 72 | 16808 | 126,72 | 83,64 | 63,36 | | | | | | | | |
| **W** | 16,63 | 84 | 17367 | 152,76 | 100,82 | 76,38 | | | | | | | | * |
| **+** | 14,29 | 98 | 16620 | 170,55 | 112,82 | 85,28 | | | | | | | | * |
| **IEC** | 11,88 | 118 | 15773 | 194,89 | 128,63 | 97,45 | | | | | | | | * |
| | 9,96 | 141 | 15004 | *200,00* | *132,00* | *100,00* | | | | | | | | |
| mm | 7,50 | 187 | 11270 | *200,00* | *132,00* | *100,00* | | | | | | | | |
| | 6,24 | 224 | 11491 | *200,00* | *132,00* | *100,00* | | | | | | | | |
| ⇨ C88 | 5,23 | 268 | 10602 | *200,00* | *132,00* | *100,00* | | | | | | | | |
| | 4,28 | 327 | 9387 | *200,00* | *132,00* | *100,00* | | | | | | | | |

* ⇨ A63

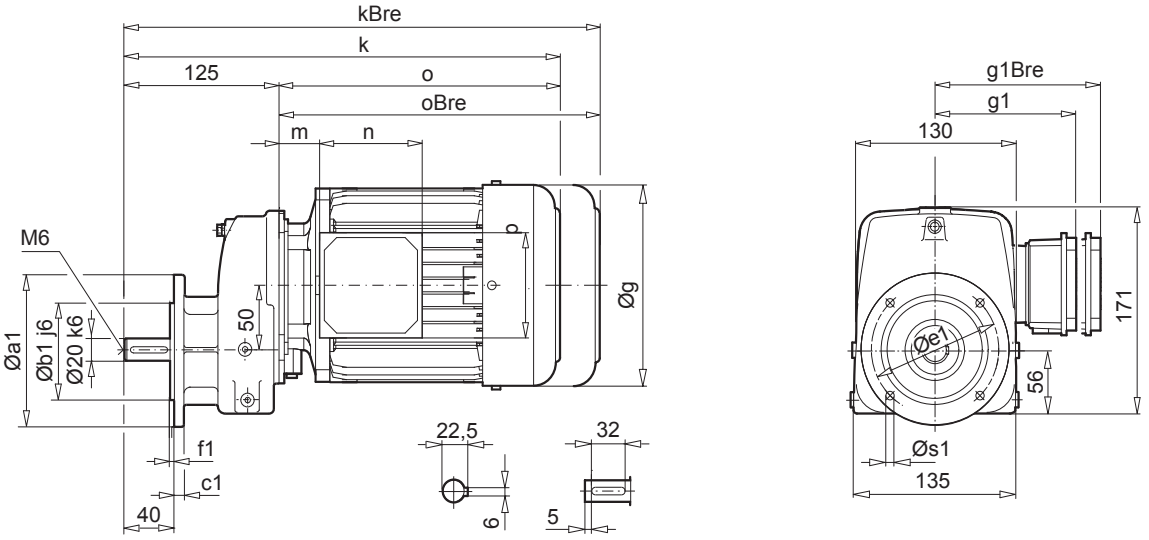
| kg | W | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 103** | 830 | 756 | 781 | 781 | 795 | 810 | 865 | 865 | 945 |
| **SK 102** | 821 | - | - | - | - | - | 856 | 856 | 936 |



## SK 11E



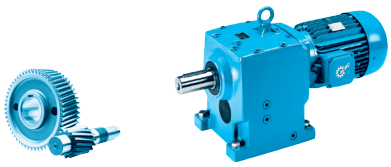

## SK 11EF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 10 | 100 | 3,0 | 7 |
| 140 | 95 | 10 | 115 | 3,0 | 9 |

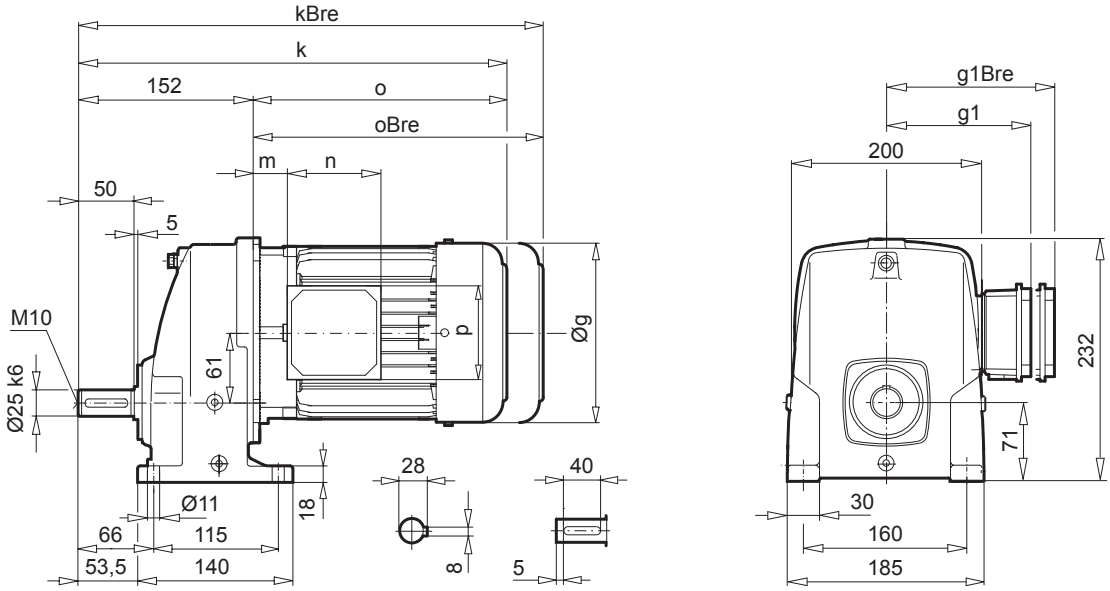
| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| k / kBre | 321 / 377 | 361 / 419 | 386 / 450 | 386 / 450 | 427 / 502 | 457 / 548 | 505 / 598 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| m / mBre | 16 / 22 | 42 / 47 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 74 / 78 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 C92

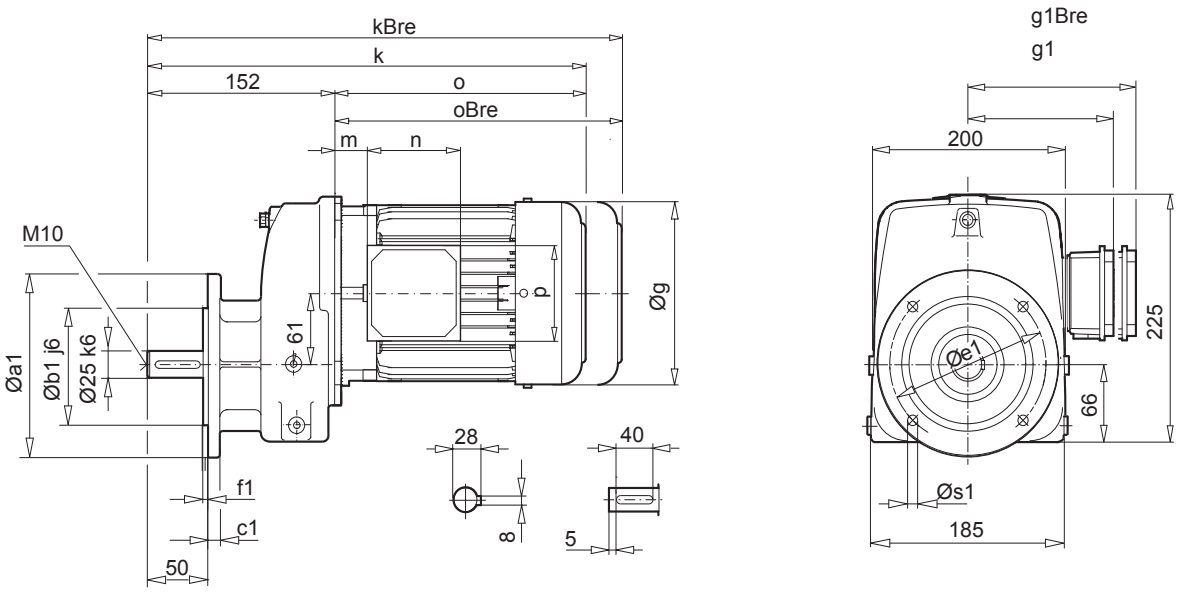




## SK 21E



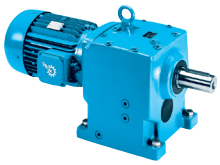

## SK 21EF



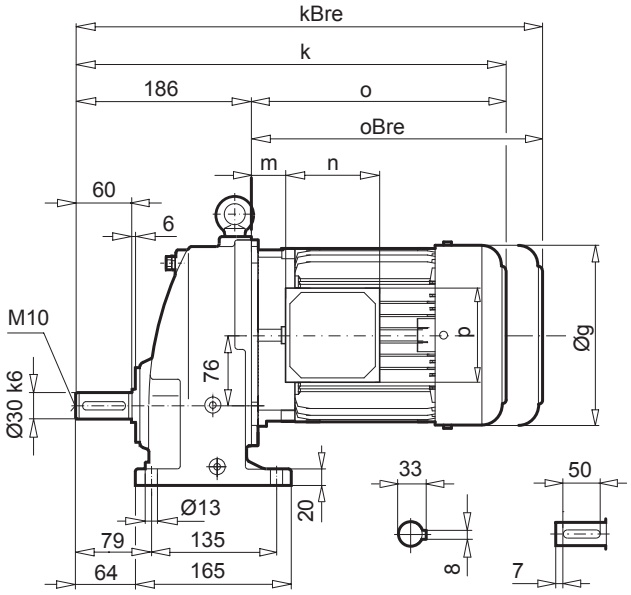

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | 95 | 10 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

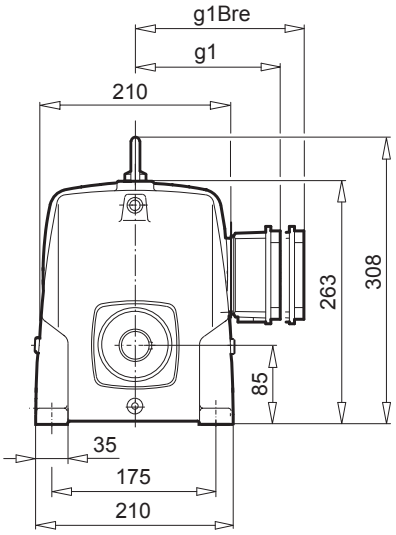
| ⇨ 🕮 A61 | 90 LP | 100 LP/AP | 112 MP | | | | |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | | | | |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | | | | |
| k / kBre | 448 / 523 | 478 / 569 | 526 / 619 | | | | |
| o / oBre | 296 / 371 | 326 / 417 | 374 / 467 | | | | |
| m / mBre | 46 / 50 | 52 / 56 | 68 / 72 | | | | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | | | | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | | | | |

🕮 C93

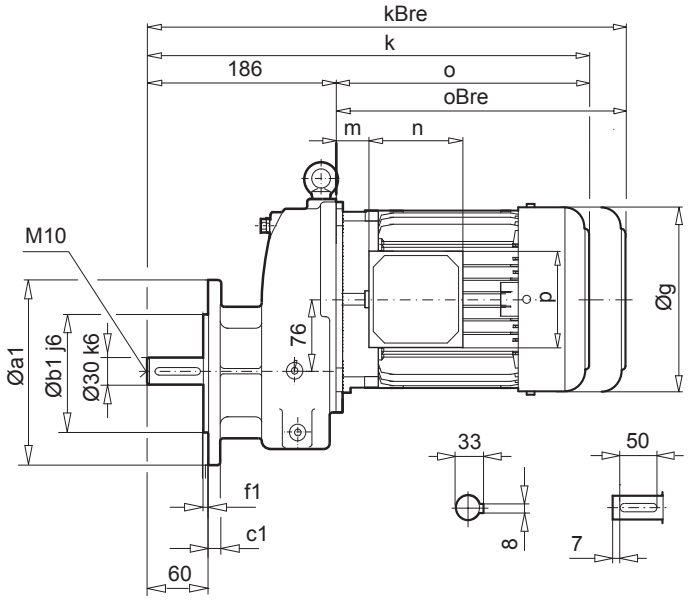


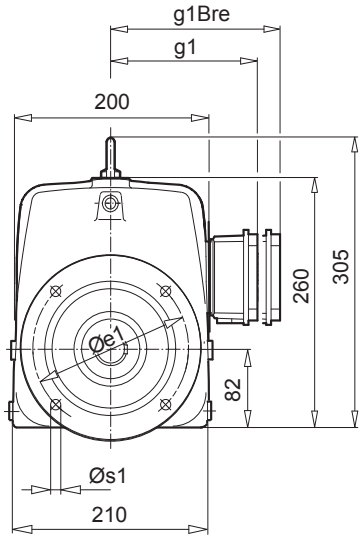
## SK 31E




## SK 31EF

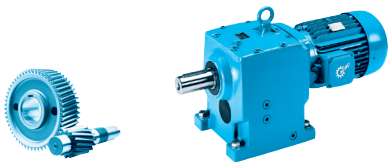



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 11 |

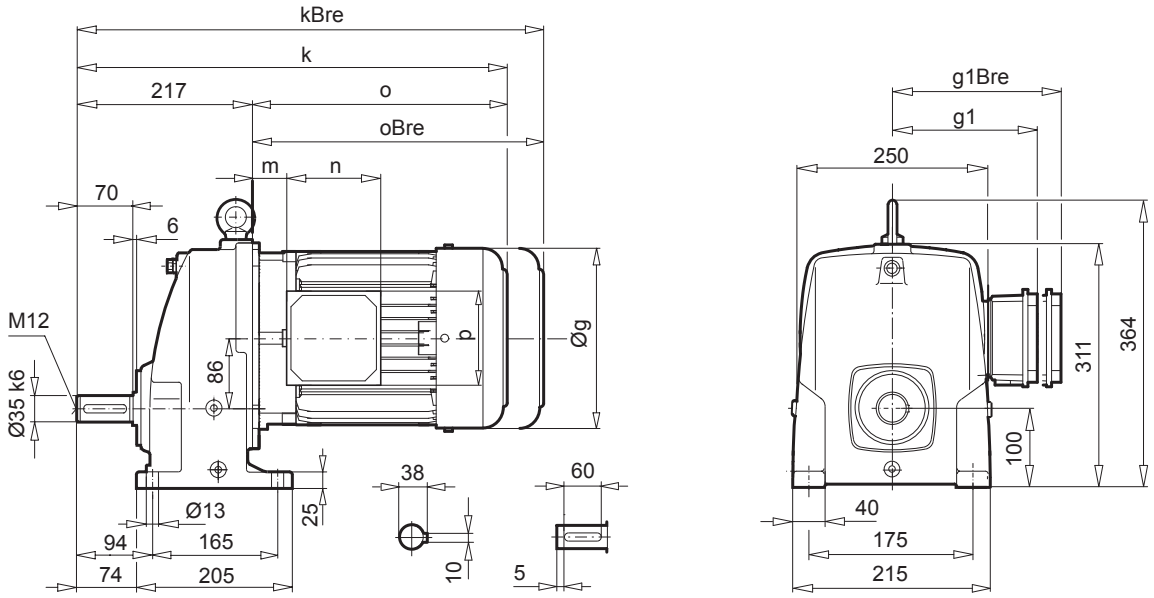
| ⇨ 🕮 A61 | 100 AP | 112 MP | 132 SP/MP | | | | |
|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | | | | |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | | | | |
| k / kBre | 512 / 603 | 560 / 653 | 621 / 728 | | | | |
| o / oBre | 326 / 417 | 374 / 467 | 435 / 542 | | | | |
| m / mBre | 52 / 56 | 68 / 72 | 71 / 51 | | | | |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | | | | |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | | | | |

🕮 C93

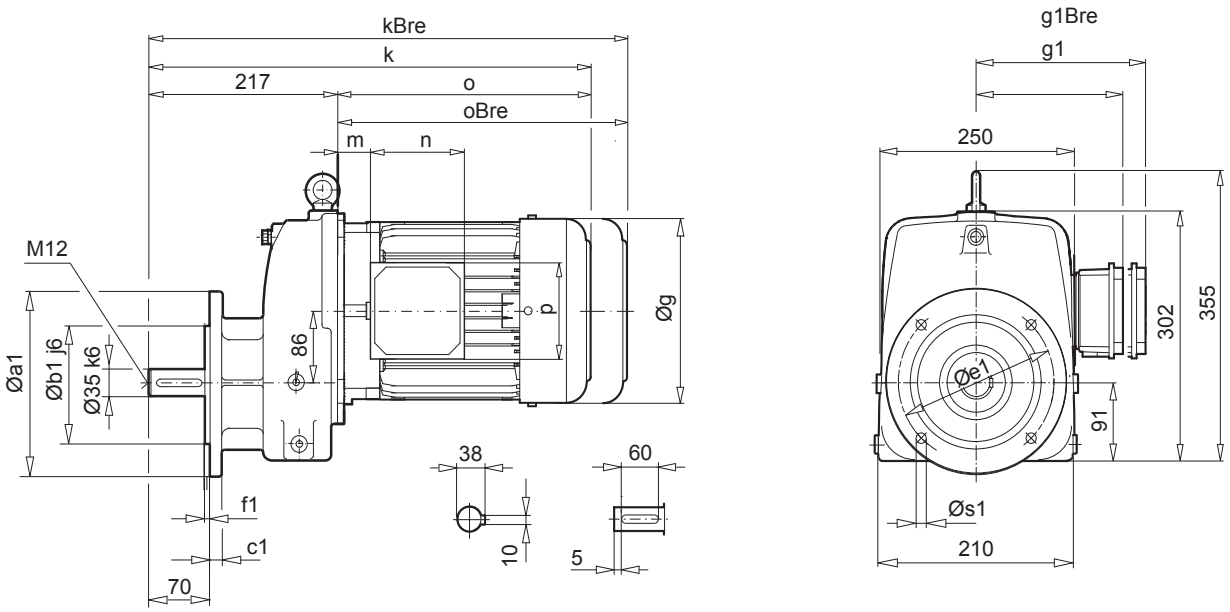




## SK 41E



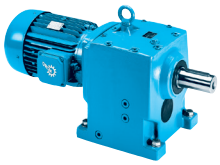

## SK 41EF



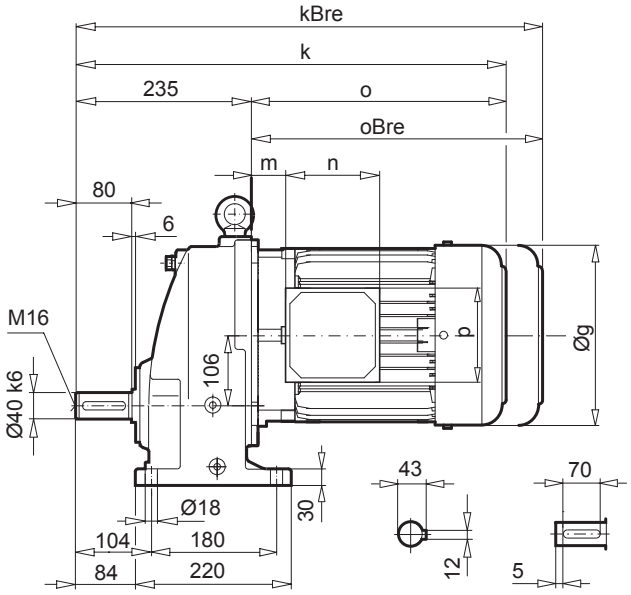

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 14 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 3,5 | 14 |

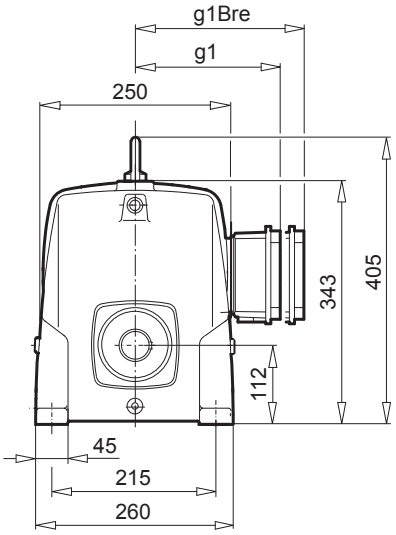
| ⇨ 🕮 A61 | 132 MP | 160 SP/MP | 160 LP | | | | |
|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | | | | |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 /242 | | | | |
| k / kBre | 632 / 739 | 709 / 844 | 753 / 888 | | | | |
| o / oBre | 415 / 522 | 492 / 627 | 536 / 671 | | | | |
| m / mBre | 51 / 42 | 52 / 52 | 52 / 52 | | | | |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | | | | |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | | | | |

🕮 C94

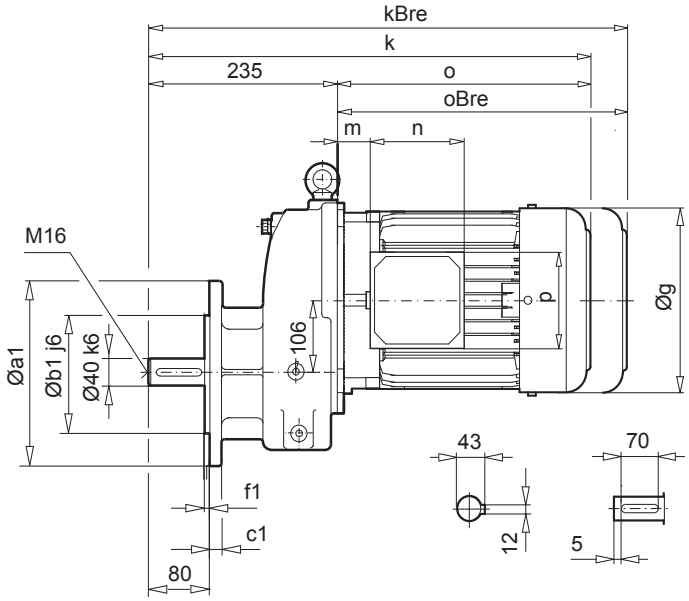


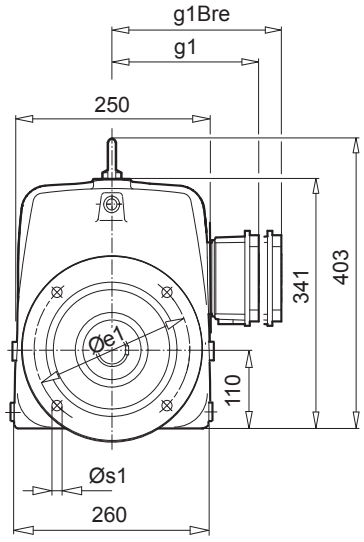
## SK 51E




## SK 51EF

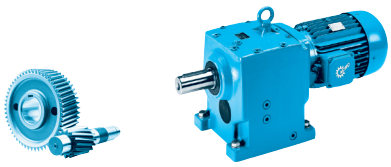



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4,0 | 14 |
| 300 | 230 | 20 | 265 | 3,5 | 14 |

| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 MP/LP | | | | |
|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 348 | | | | |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 258 / 258 | | | | |
| k / kBre | 727 / 862 | 771 / 906 | 869 / 1000 | | | | |
| o / oBre | 492 / 627 | 536 / 671 | 636 / 764 | | | | |
| m / mBre | 52 / 52 | 52 / 52 | 74 / 74 | | | | |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | | | | |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | | | | |

🕮 C94



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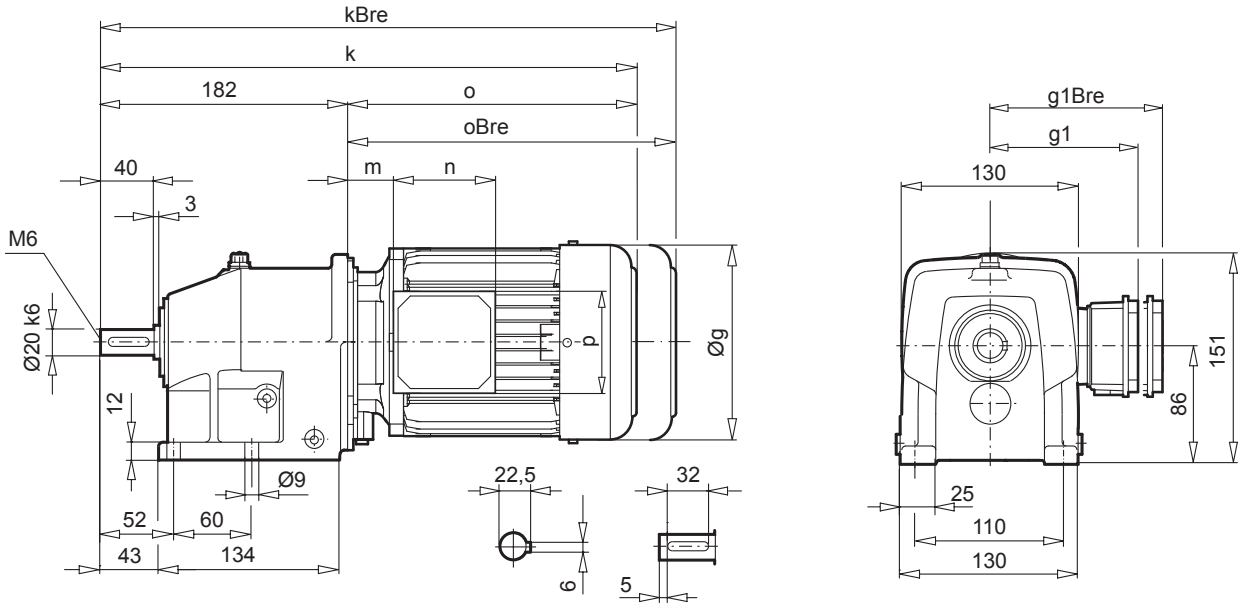
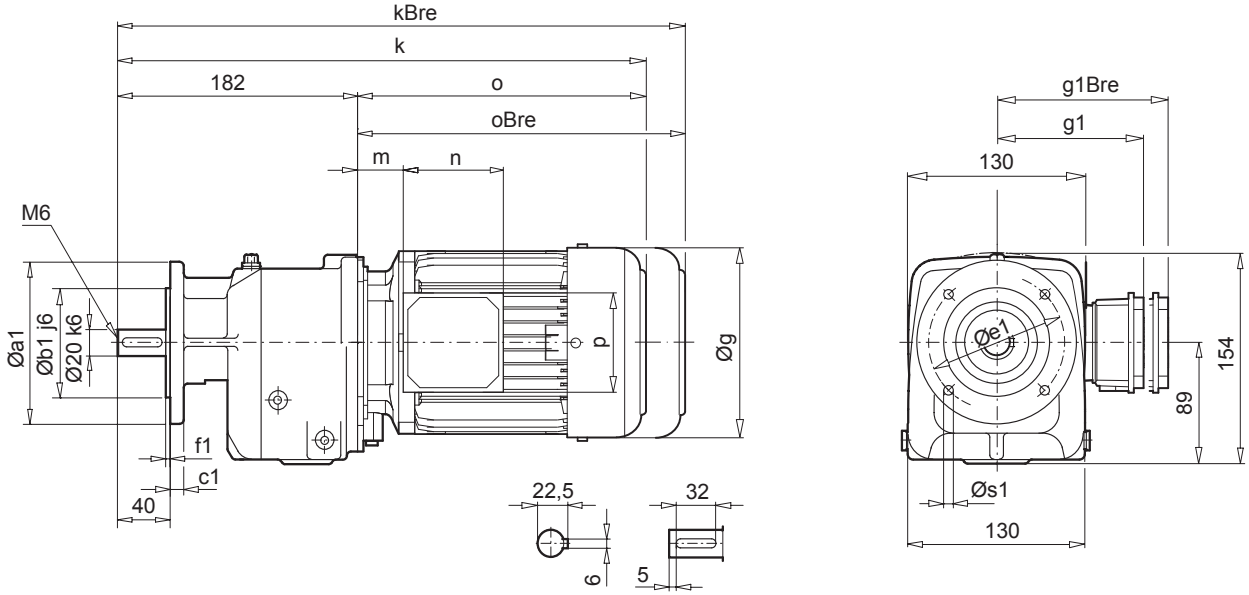
## SK 02



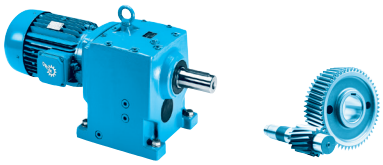

## SK 02F



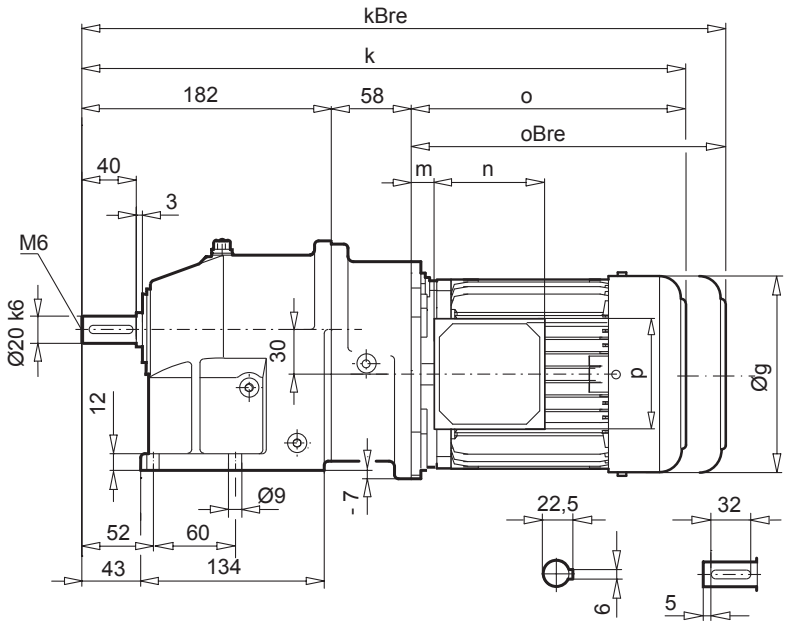

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 10 | 100 | 3,0 | 7 |
| 140 | 95 | 10 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

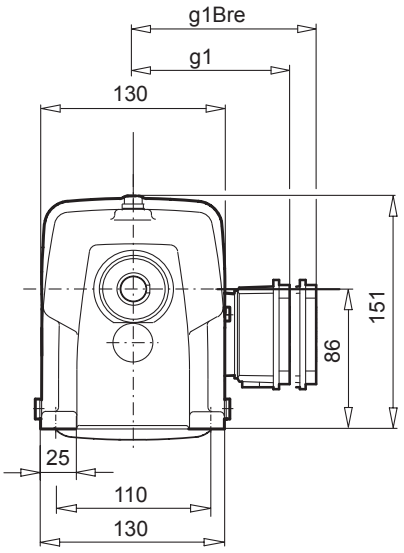
| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | |
| k / kBre | 378 / 434 | 418 / 476 | 443 / 507 | 443 / 507 | 484 / 559 | 514 / 605 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | |
| m / mBre | 16 / 22 | 42 / 47 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 C92

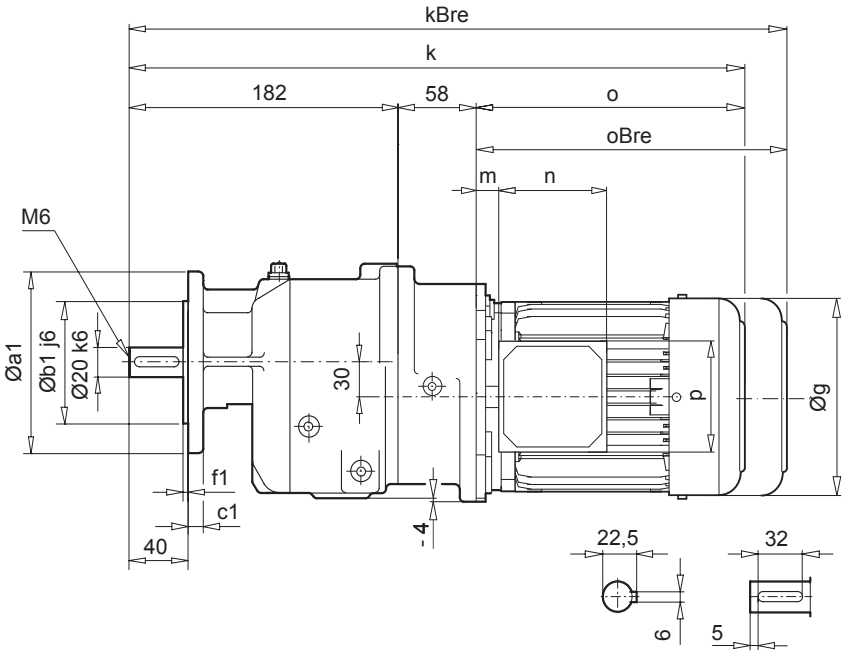


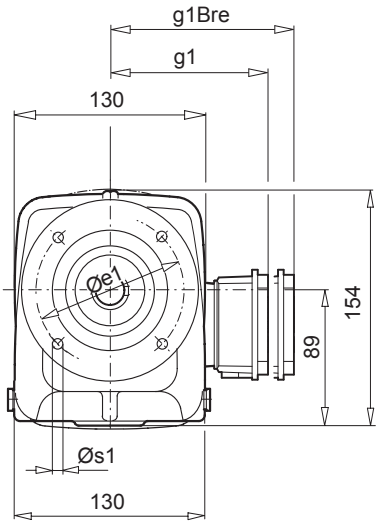
## SK 03




## SK 03F

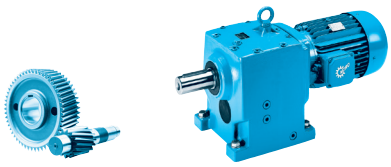



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 10 | 100 | 3,0 | 7 |
| 140 | 95 | 10 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

| ⇨ 🕮 A61 | 63 S/L | 71 S | | | | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | |
| k / kBre | 436 / 492 | 476 / 534 | | | | | |
| o / oBre | 196 / 252 | 236 / 294 | | | | | |
| m / mBre | 16 / 22 | 42 / 47 | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | |

🕮 C92



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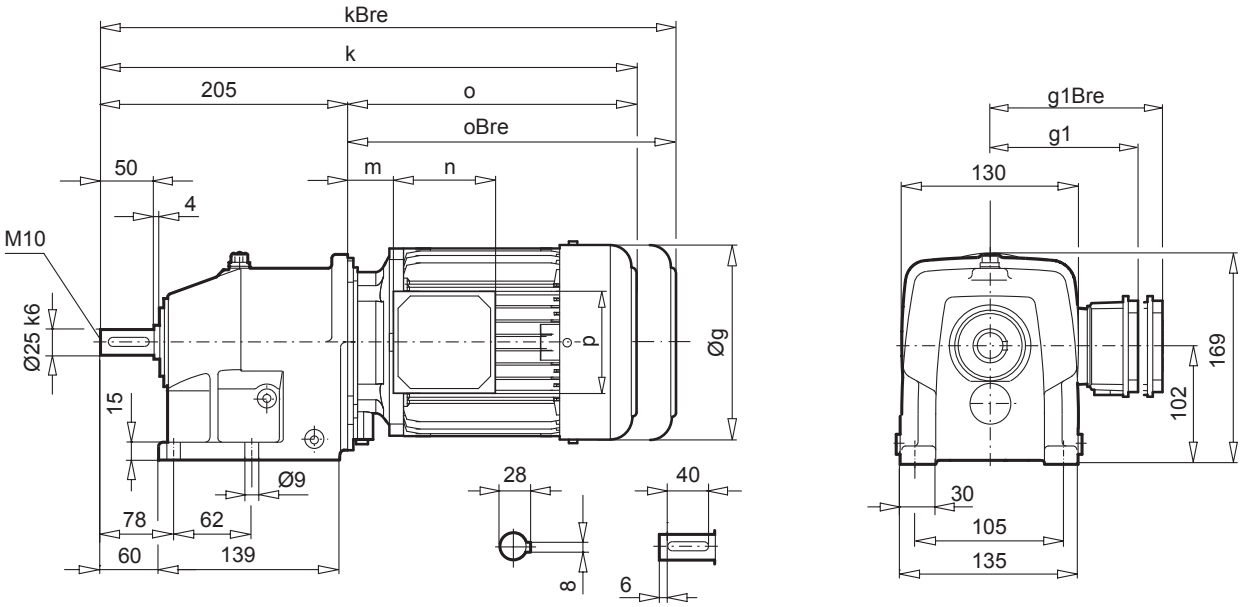
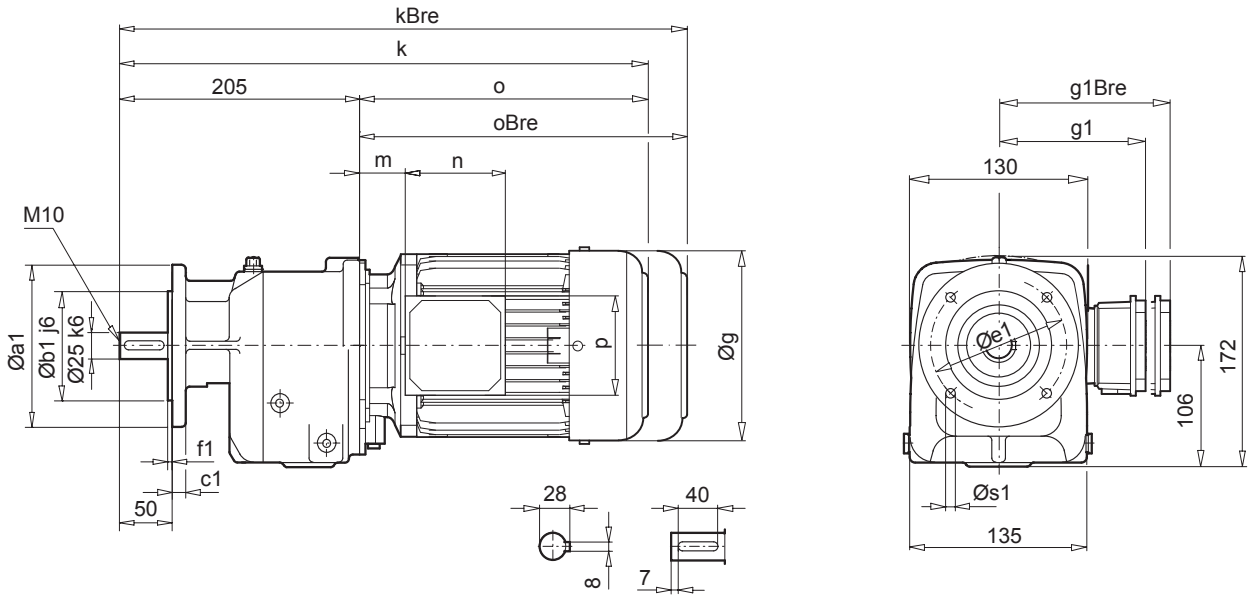
## SK 12



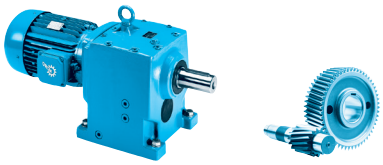

## SK 12F



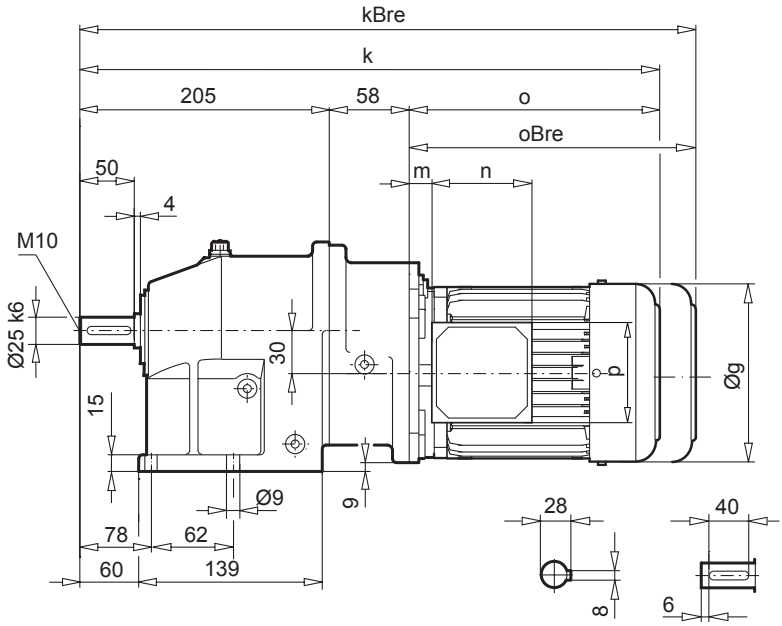

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 10 | 100 | 3,0 | 7 |
| 140 | 95 | 10 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

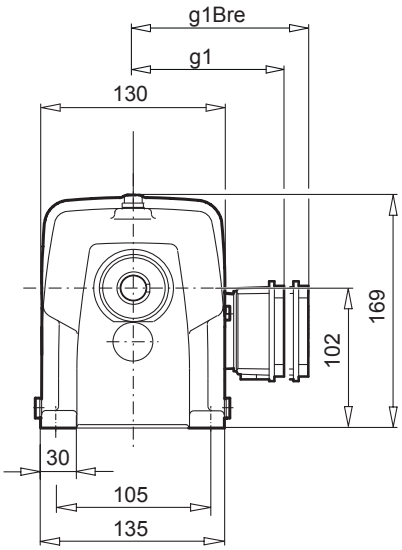
| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| k / kBre | 401 / 457 | 441 / 499 | 466 / 530 | 466 / 530 | 507 / 582 | 537 / 628 | 585 / 678 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| m / mBre | 16 / 22 | 42 / 47 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 C92

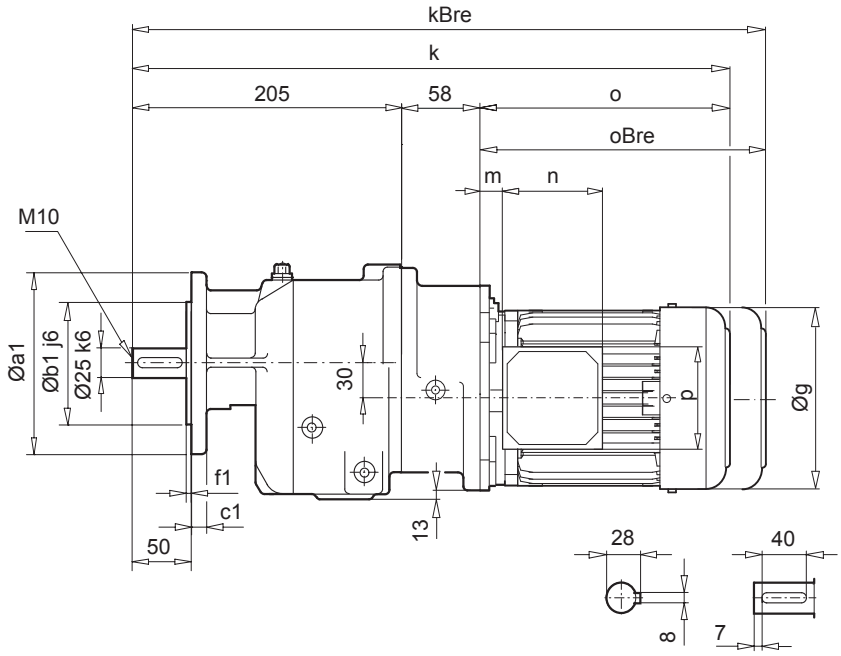


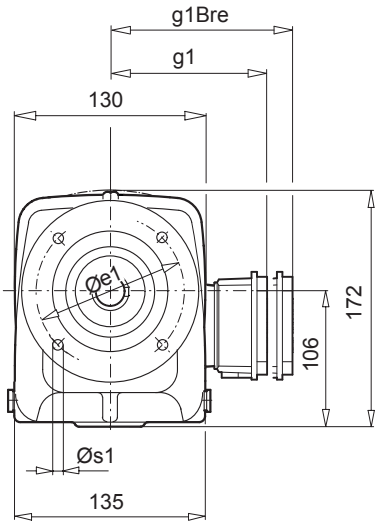
## SK 13




## SK 13F

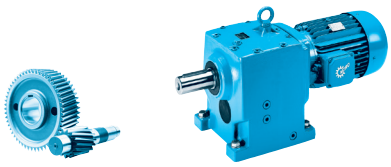



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 120 | 80 | 10 | 100 | 3,0 | 7 |
| 140 | 95 | 10 | 115 | 3,0 | 9 |
| 160 | 110 | 10 | 130 | 3,5 | 9 |

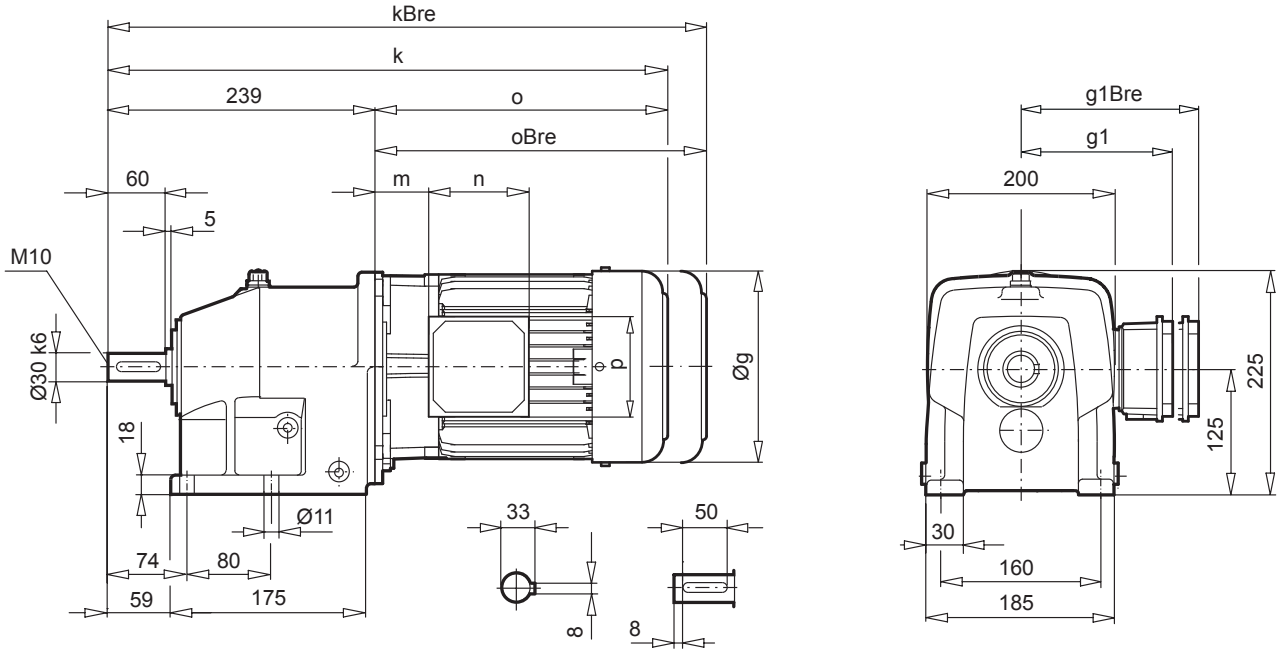
| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | |
| k / kBre | 459 / 515 | 499 / 557 | | | | | |
| o / oBre | 196 / 252 | 236 / 294 | | | | | |
| m / mBre | 16 / 22 | 42 / 47 | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | |

🕮 C92

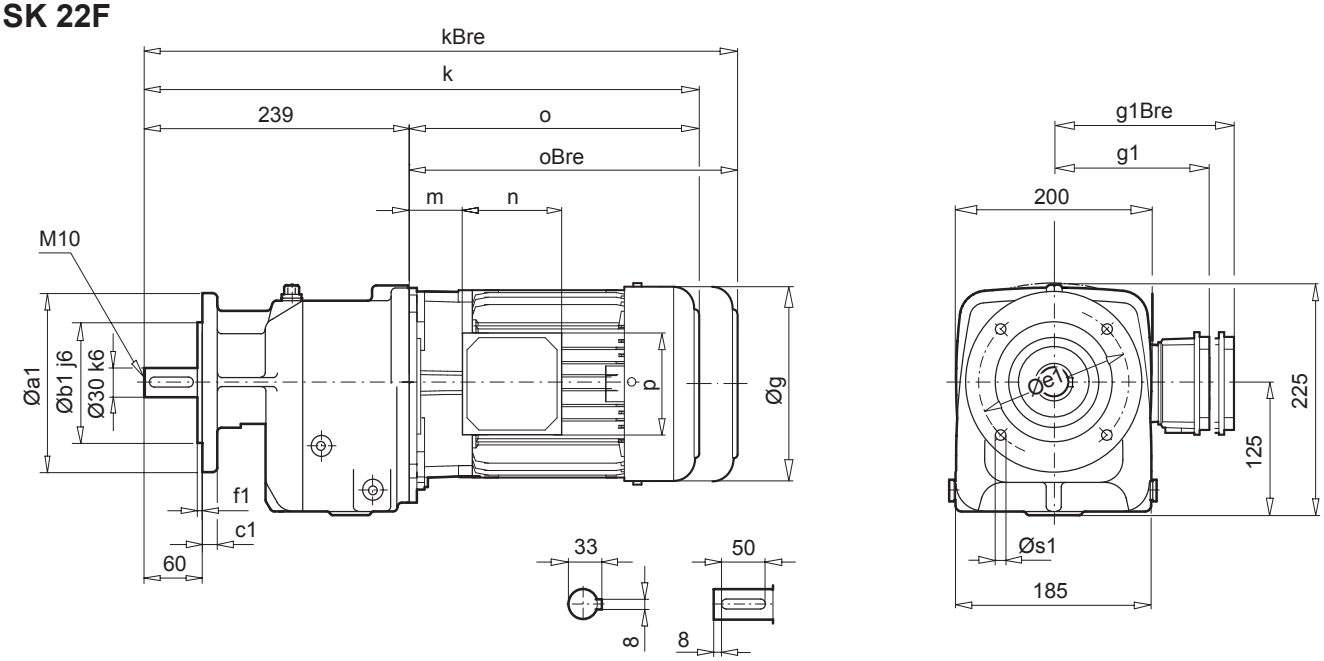




## SK 22



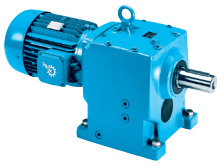

## SK 22F



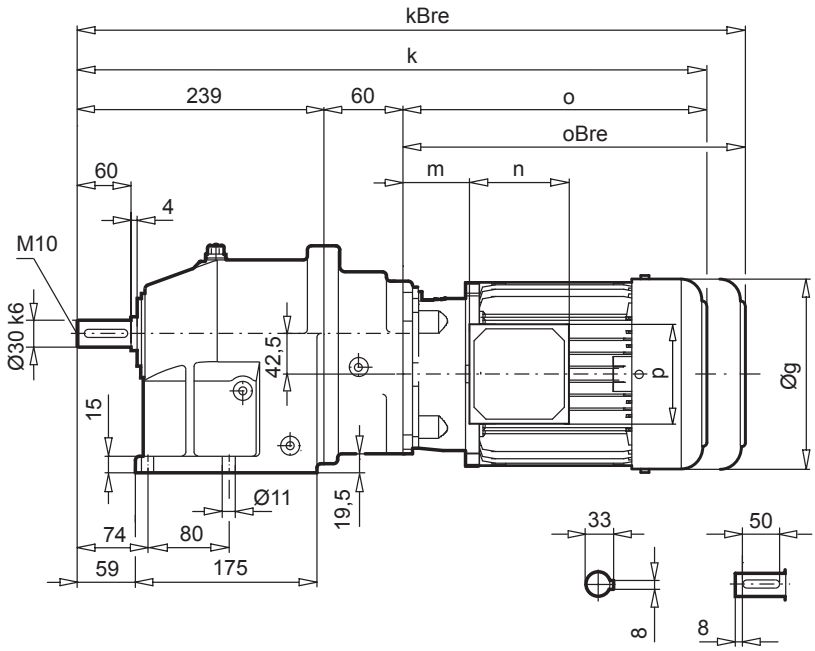

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |

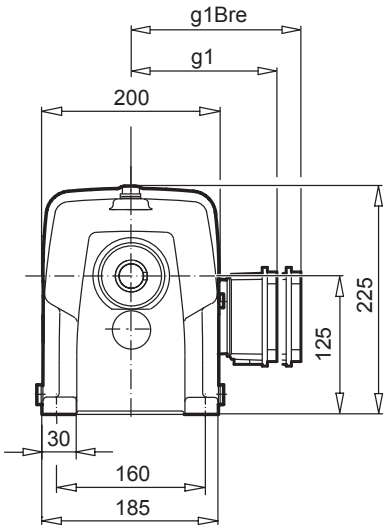
| ⇨ 🕮 A61 | 71 S/L | 80 S /SH | 80 SP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 /201 |
| k / kBre | 469 / 527 | 494 / 559 | 494 / 559 | 535 / 610 | 565 / 656 | 613 / 706 | 674 / 781 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

🕮 C93

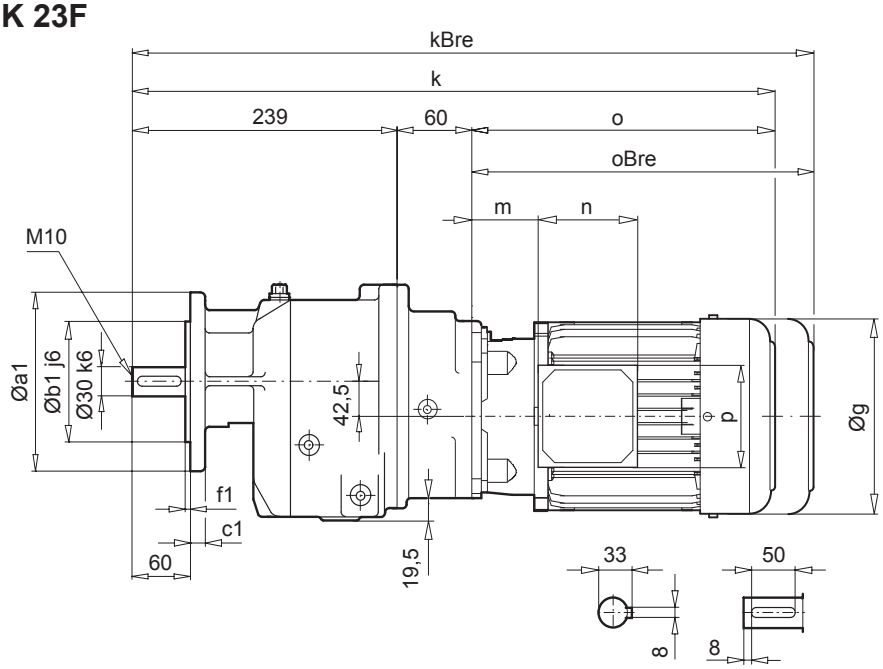


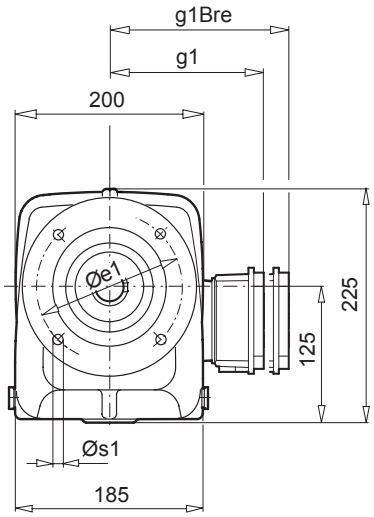
## SK 23




## SK 23F

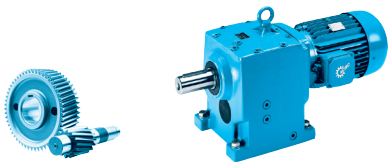



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | | | |
| k / kBre | 495 / 551 | 535 / 593 | 560 / 624 | 560 / 624 | | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | | | |
| m / mBre | 16 / 22 | 42 / 47 | 47 / 51 | 47 / 51 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | | | |

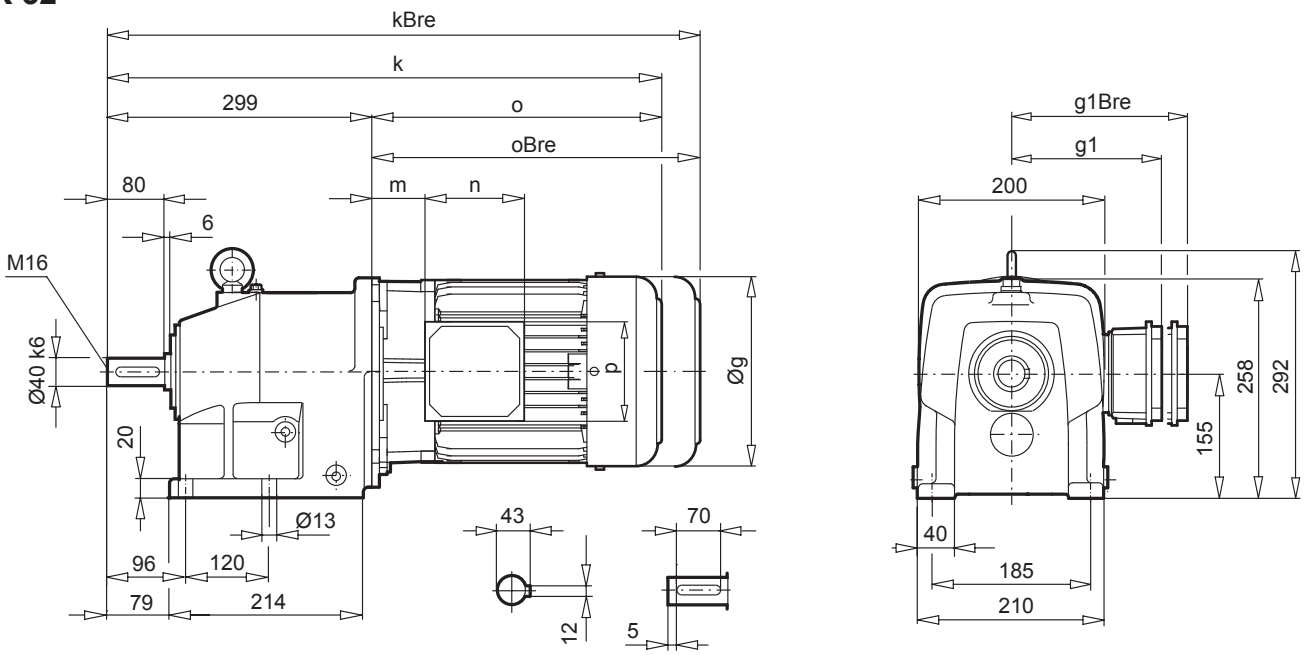
🕮 C92



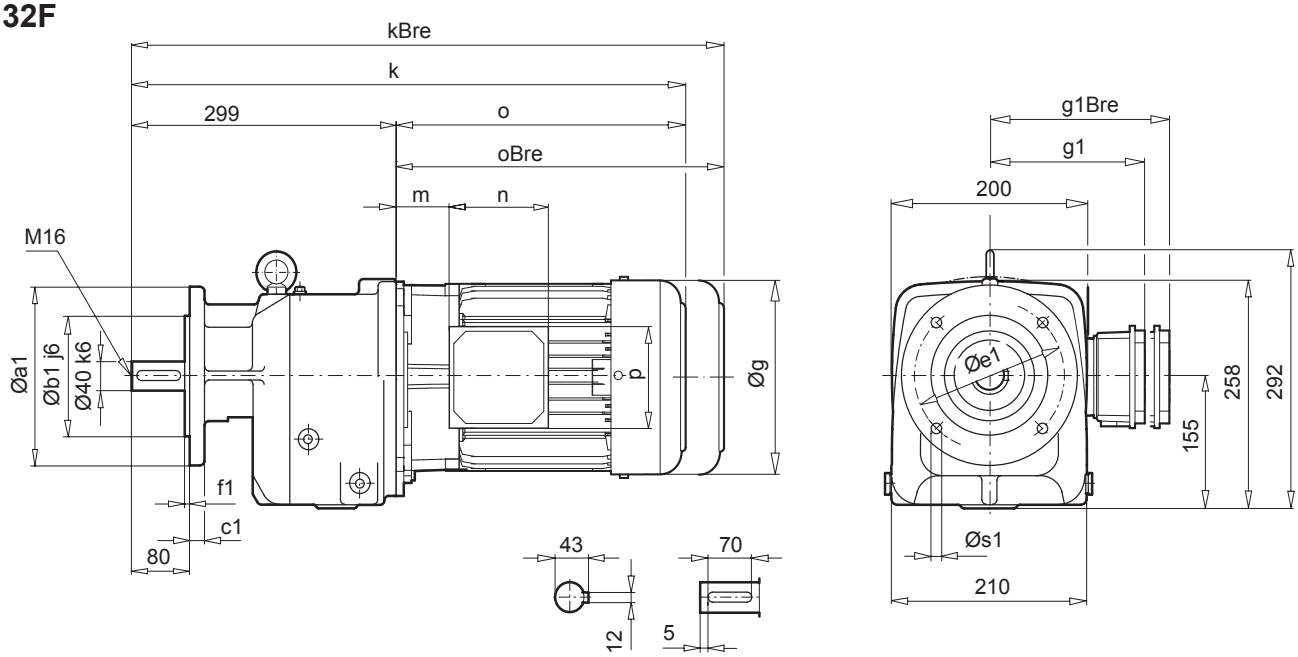




## SK 32



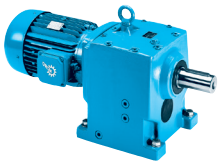

## SK 32F



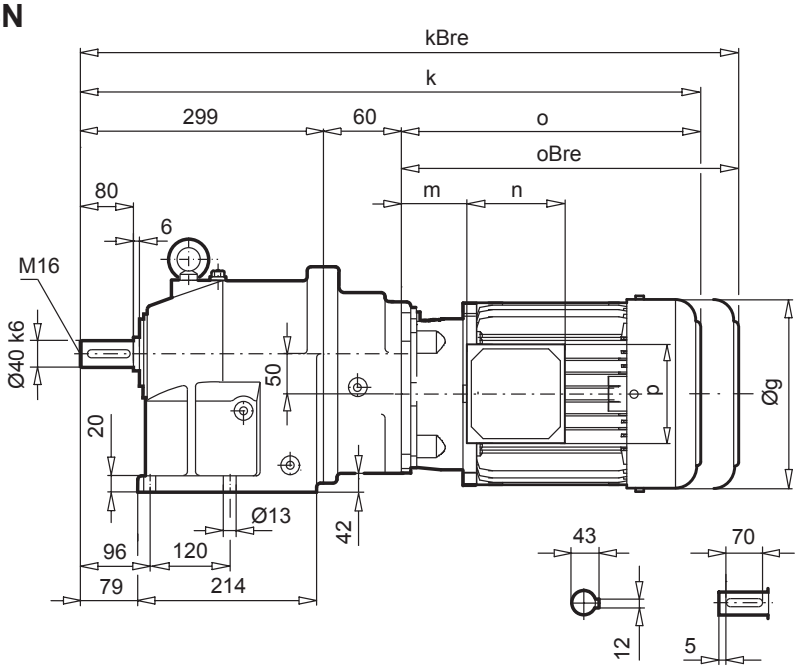

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4,0 | 14 |

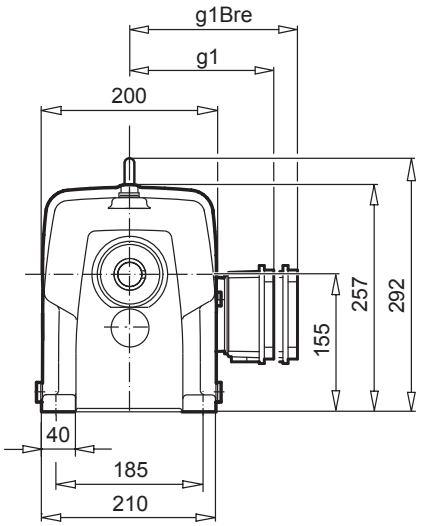
| ⇨ 🕮 A61 | 71 S/L | 80 S /SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 /201 |
| k / kBre | 529 / 587 | 554 / 618 | 554 / 618 | 595 / 670 | 625 / 716 | 673 / 766 | 734 / 841 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

🕮 C93

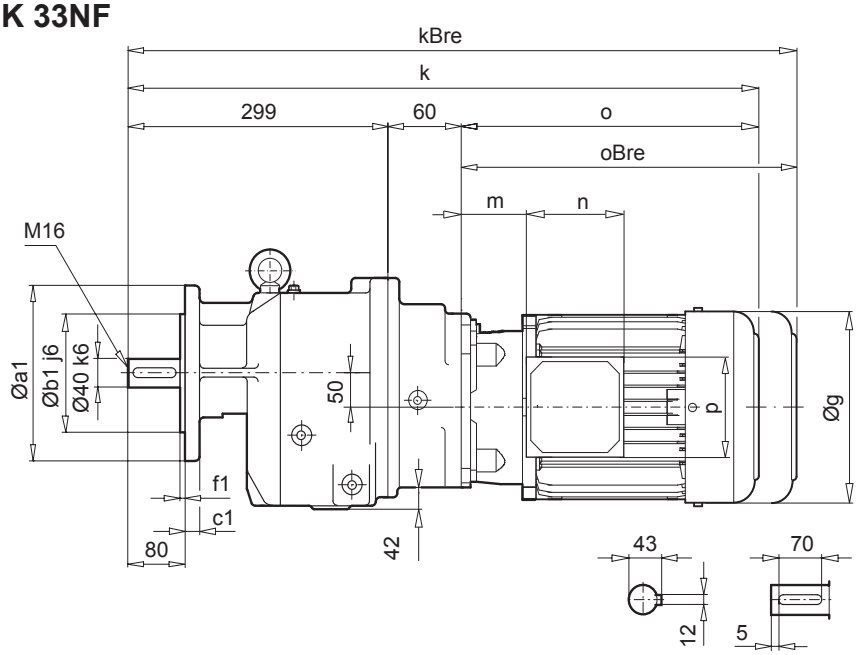


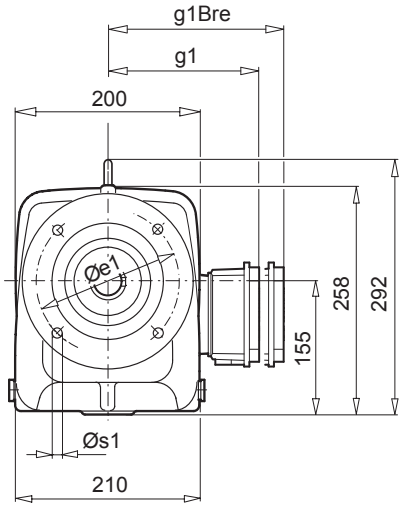
## SK 33N




## SK 33NF

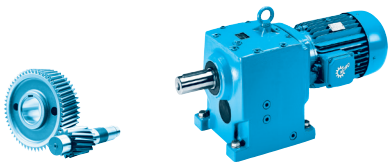



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4,0 | 14 |

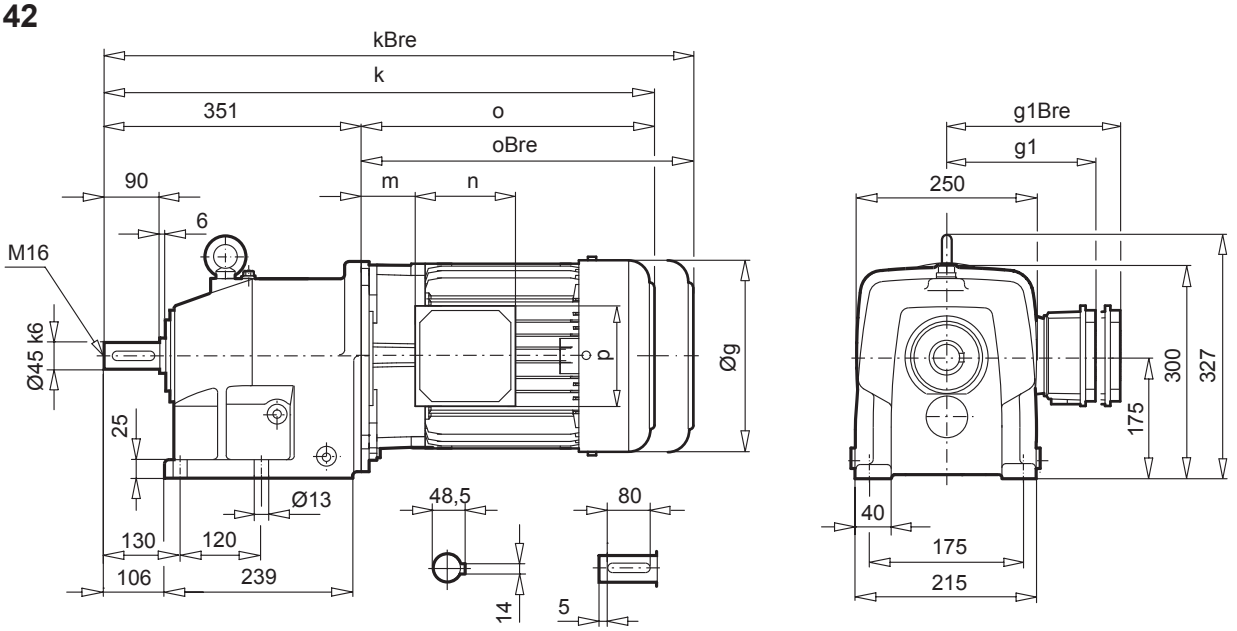
| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 555 / 611 | 595 / 653 | 620 / 684 | 620 / 684 | 661 / 736 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | |
| m / mBre | 16 / 22 | 42 / 47 | 47 / 51 | 47 / 51 | 52 / 56 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |

🕮 C92

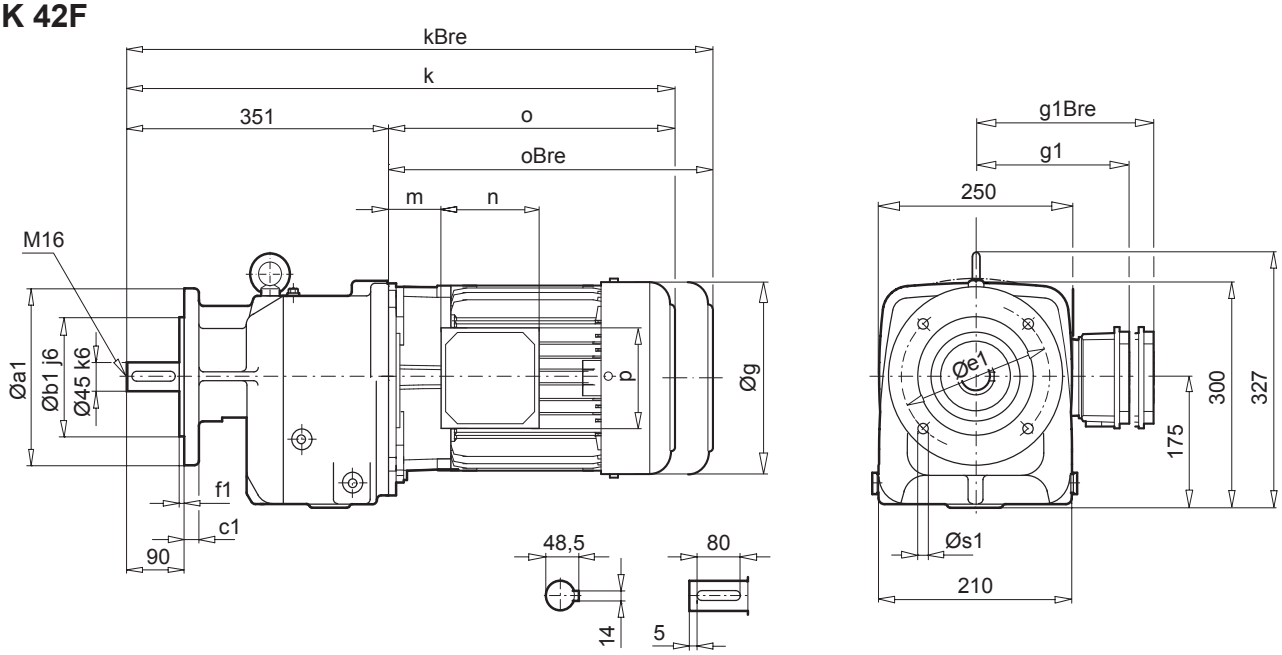




## SK 42



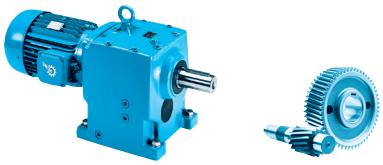

## SK 42F



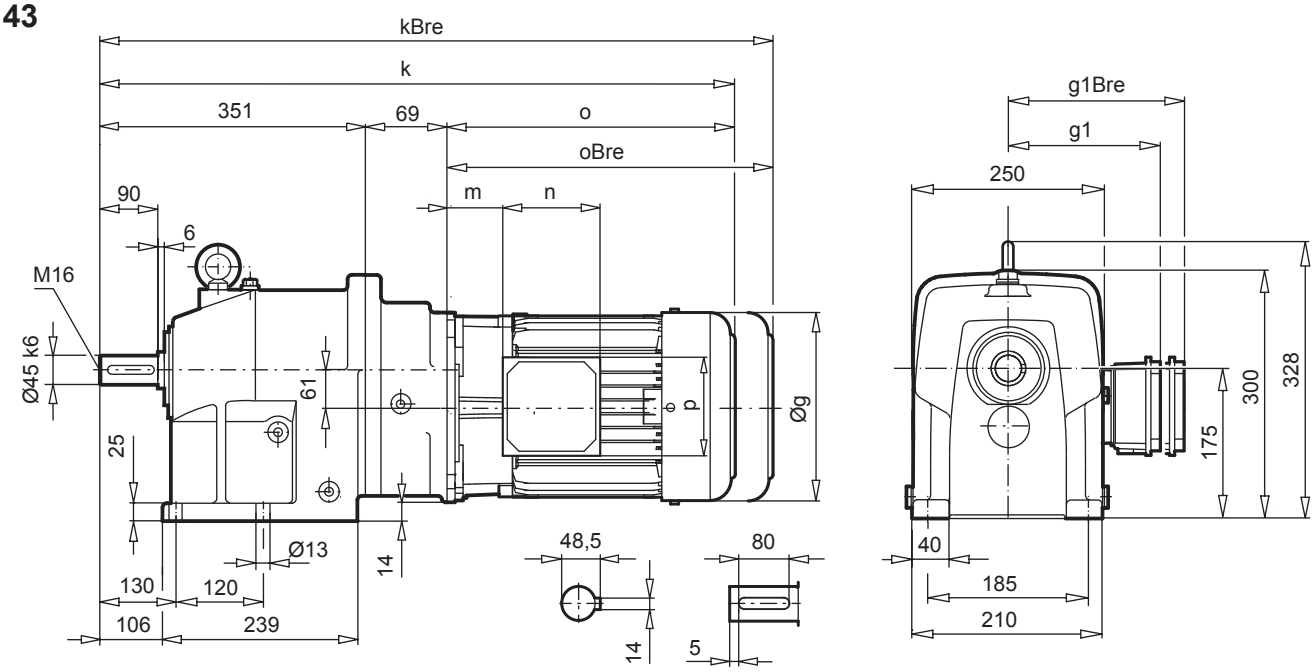

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 14 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4,0 | 14 |

| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 348 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 /201 | 242 / 242 | 242 / 242 | 258 / 258 |
| k / kBre | 627 / 702 | 657 / 748 | 705 / 798 | 766 / 873 | 843 / 978 | 887 / 1022 | 985 / 1113 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

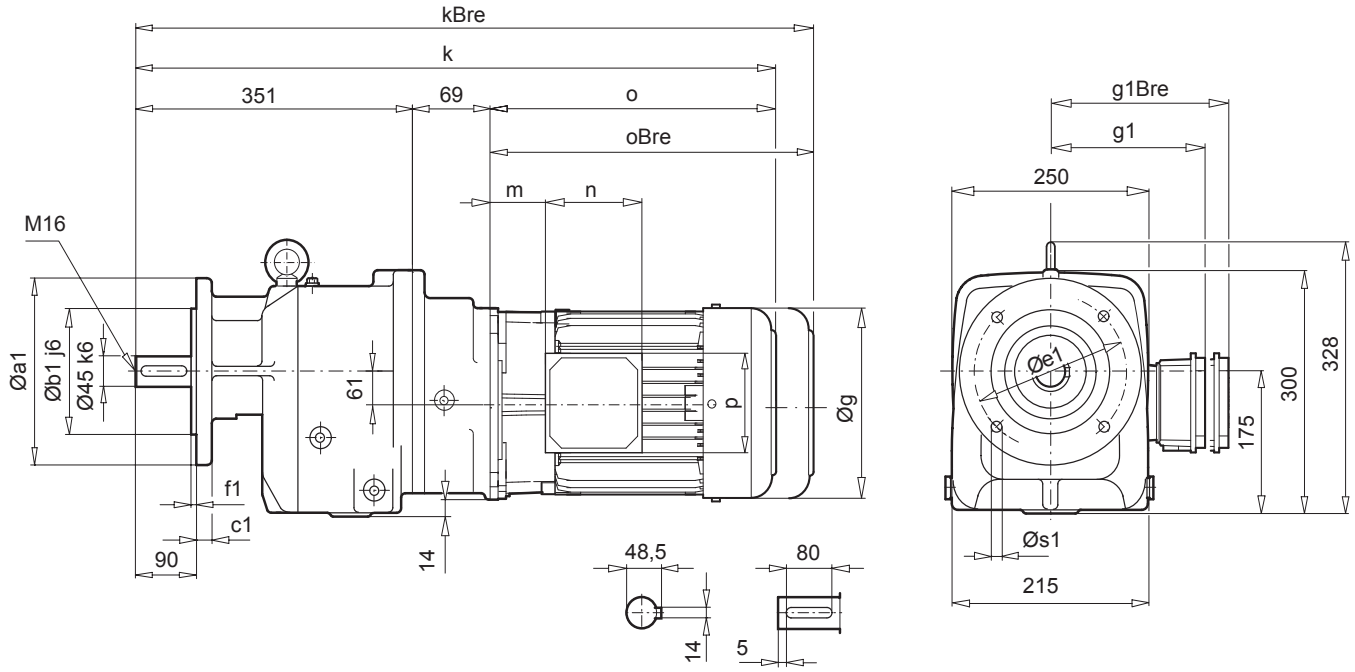
🕮 C94



## SK 43



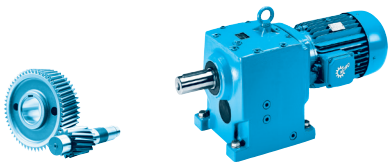

## SK 43F




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 14 | 165 | 3,5 | 11 |
| 250 | 180 | 16 | 215 | 4,0 | 14 |

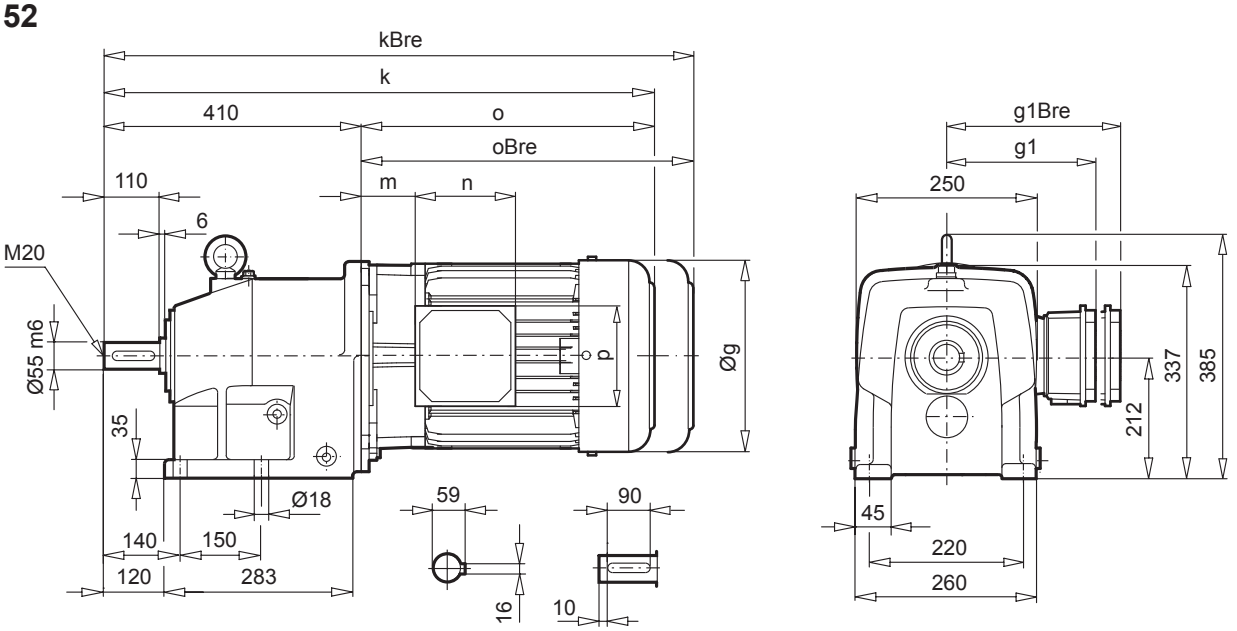
| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| k / kBre | 650 / 708 | 675 / 739 | 675 / 739 | 716 / 791 | 746 / 837 | 794 / 887 | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 C93

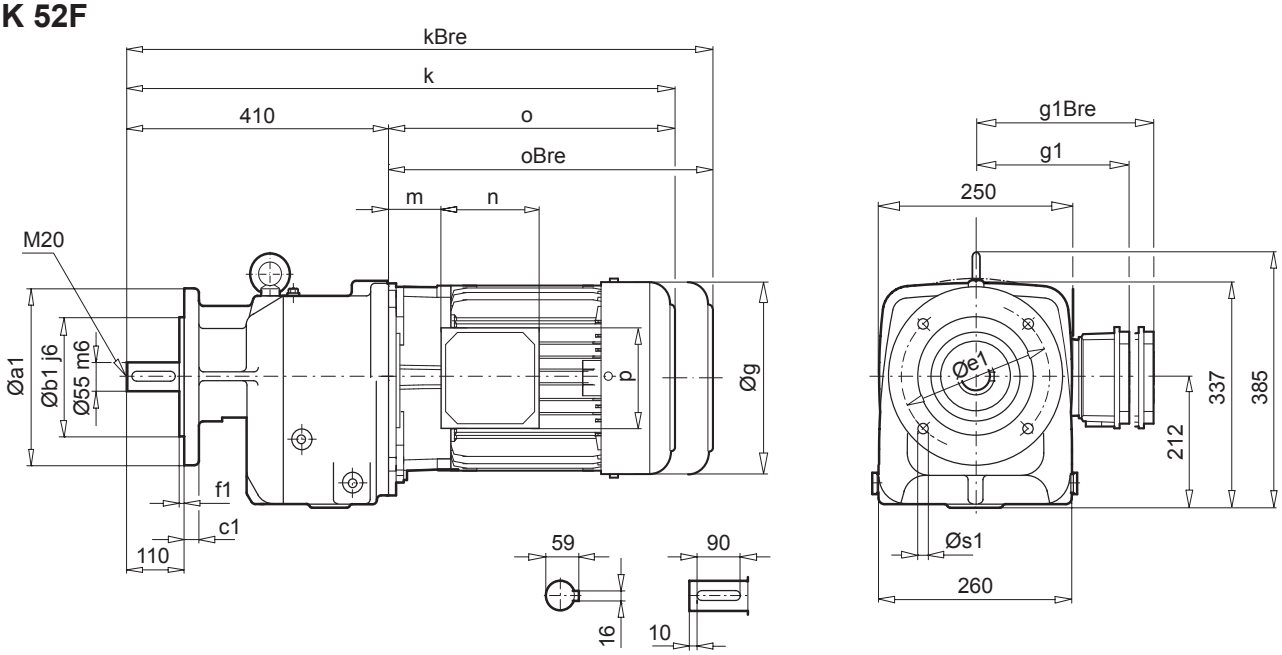




## SK 52



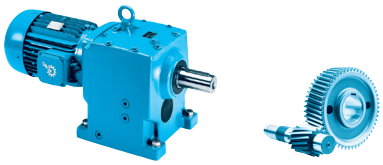

## SK 52F



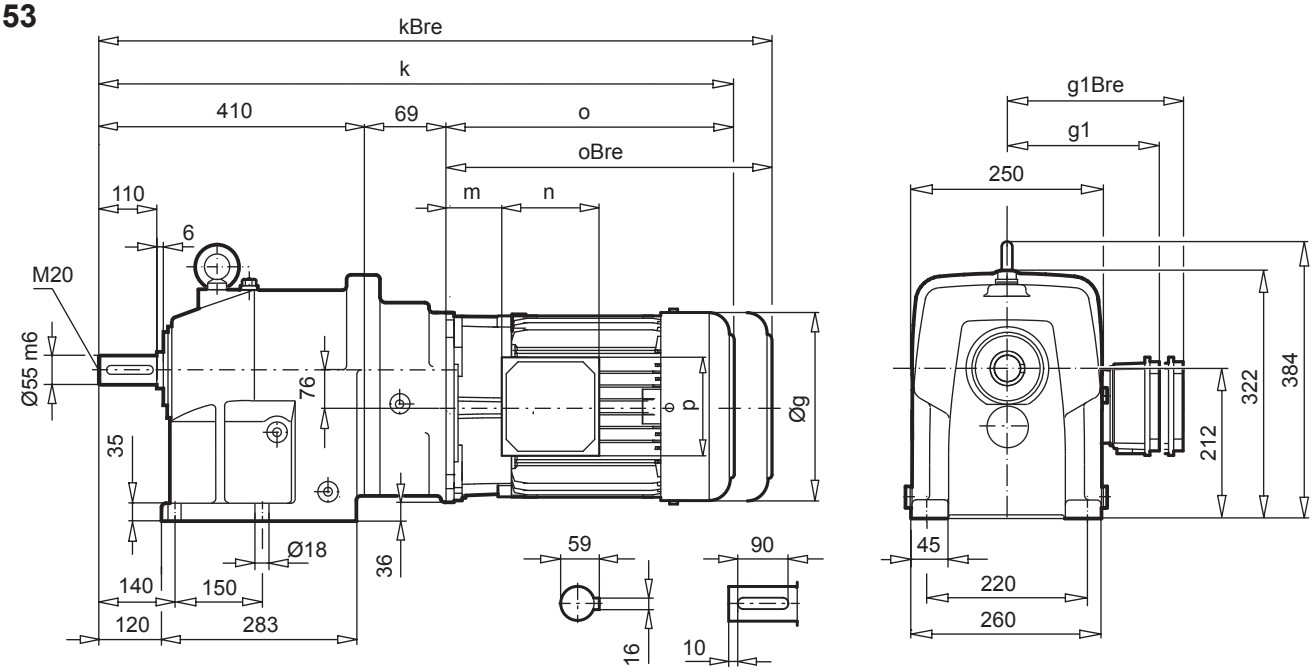

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4,0 | 14 |
| 300 | 230 | 20 | 265 | 4,0 | 14 |

| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 348 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 /201 | 242 / 242 | 242 / 242 | 258 / 258 |
| k / kBre | 686 / 761 | 716 / 807 | 764 / 857 | 825 / 932 | 902 / 1037 | 946 / 1081 | 1044 / 1172 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| m / mBre | 26 / 30 | 32 / 36 | 58 / 61 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

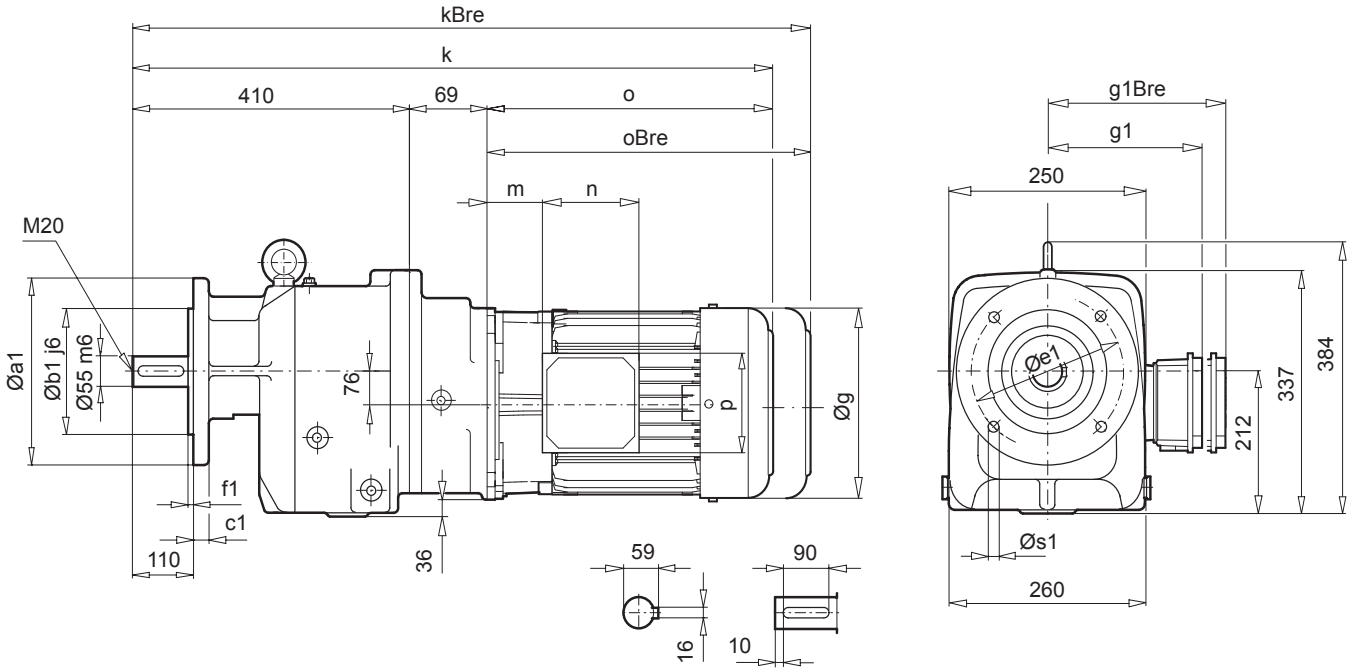
🕮 C94



## SK 53



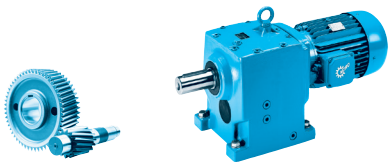

## SK 53F




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4,0 | 14 |
| 300 | 230 | 20 | 265 | 4,0 | 14 |

| ⇨ 🕮 A61 | 71 L | 80 S /SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| k / kBre | 709 / 767 | 734 / 798 | 734 / 798 | 775 / 850 | 805 / 896 | 853 / 946 | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

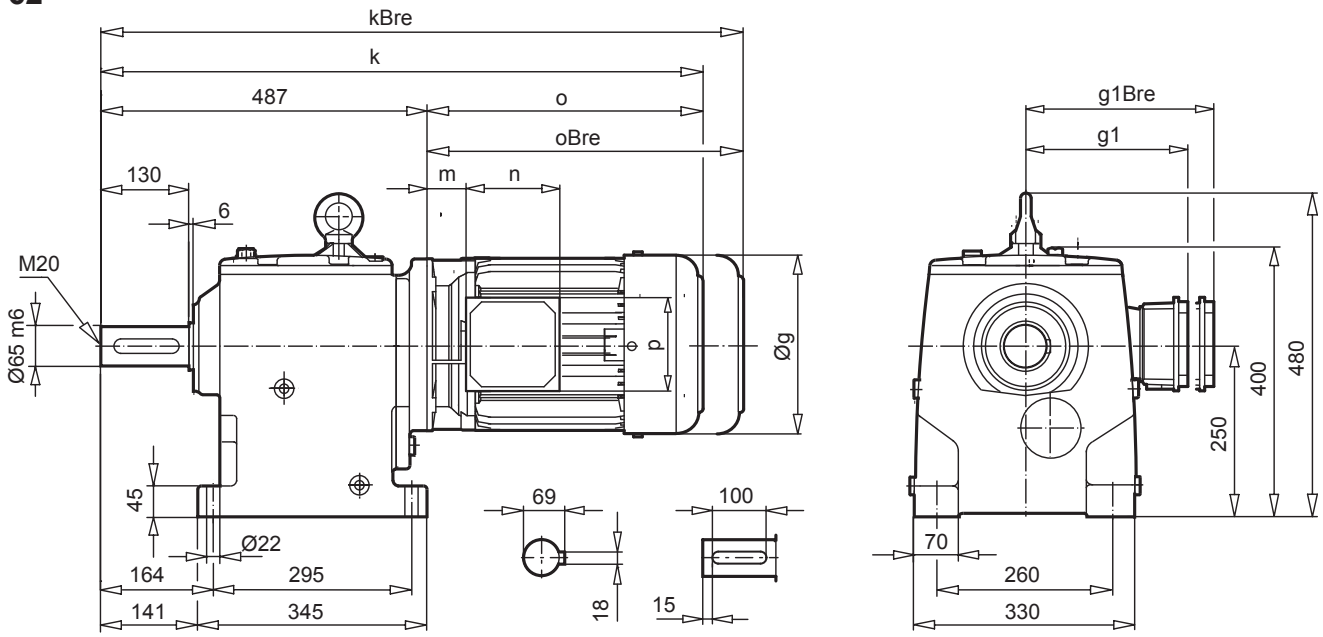
🕮 C93



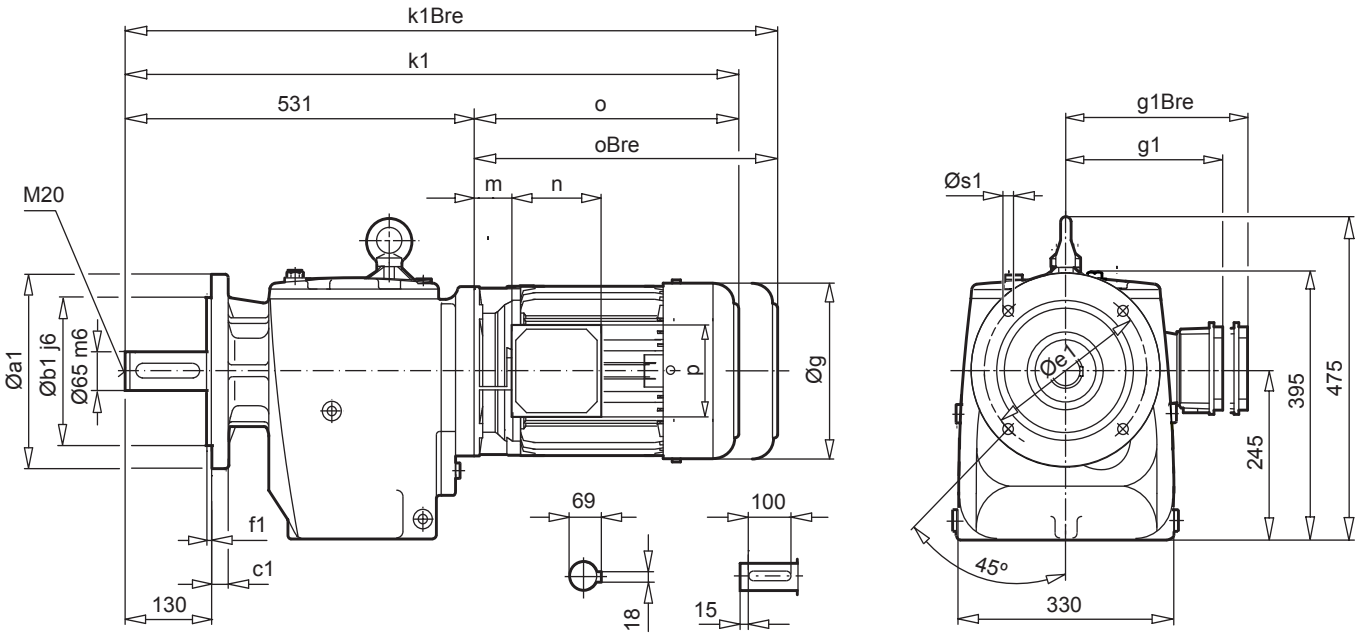




## SK 62



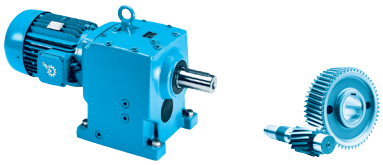

## SK 62F



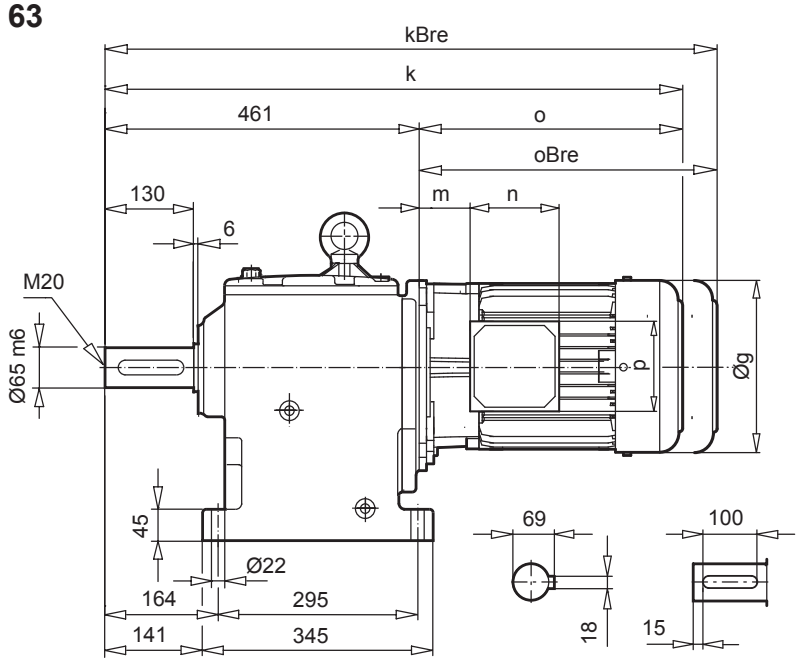

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 300 | 230 | 24 | 265 | 4,0 | 14 |

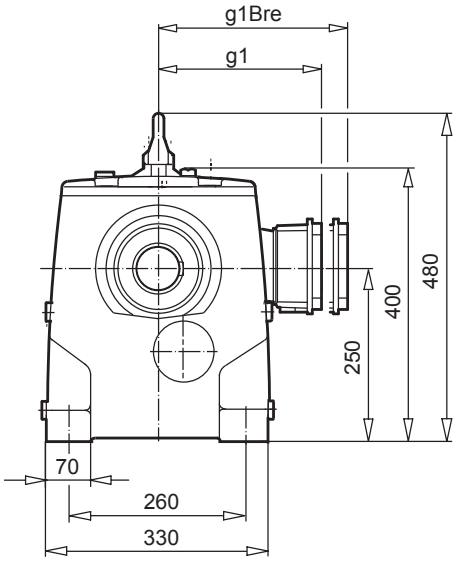
| ⇨ 🕮 A61 | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | |
|---|---|---|---|---|---|---|---|---|
| g | 228 | 266 | 320 | 320 | 348 | 443 | 443 | |
| g1 / g1Bre | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | |
| k / kBre | 838 / 931 | 922 / 1029 | 979 / 1114 | 1023 / 1158 | 1103 / 1231 | 1229 / 1409 | 1229 / 1409 | |
| k1 / k1Bre | 882 / 975 | 966 / 1073 | 1023 / 1158 | 1067 / 1202 | 1145 / 1273 | 1273 / 1453 | 1273 / 1453 | |
| o / oBre | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | |
| m / mBre | 35 / 38 | 71 / 62 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | |
| n / nBre | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |
| p / pBre | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |

🕮 C95

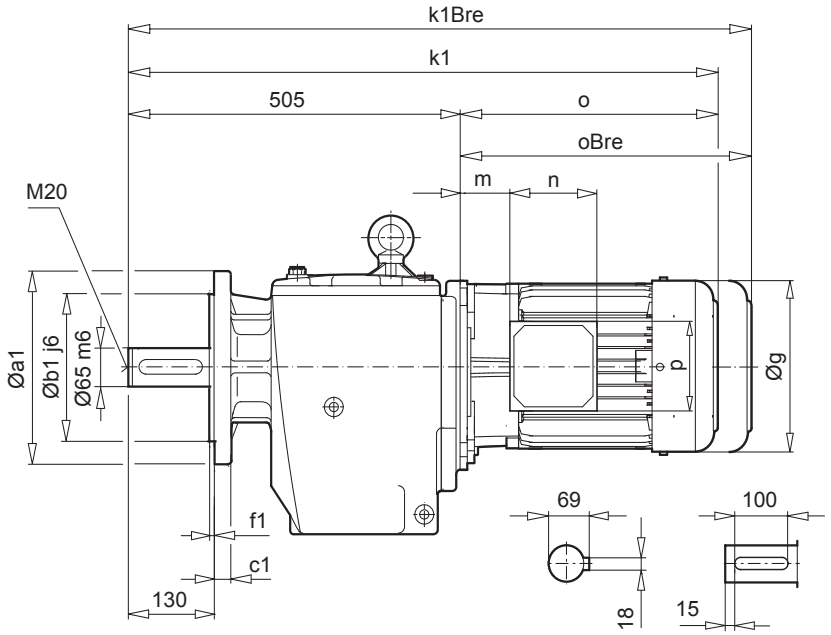


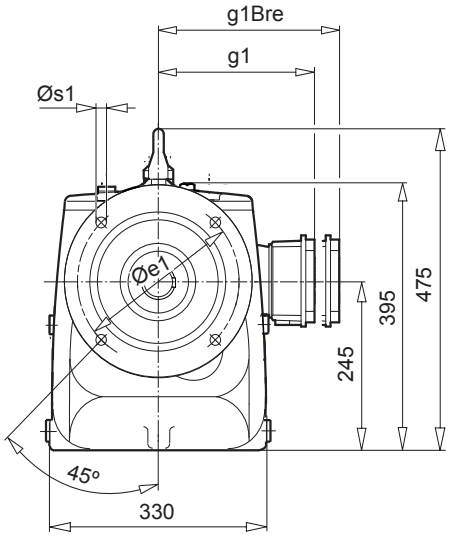
## SK 63




## SK 63F

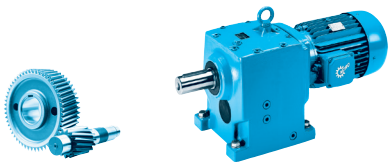



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 300 | 230 | 24 | 265 | 4,0 | 14 |

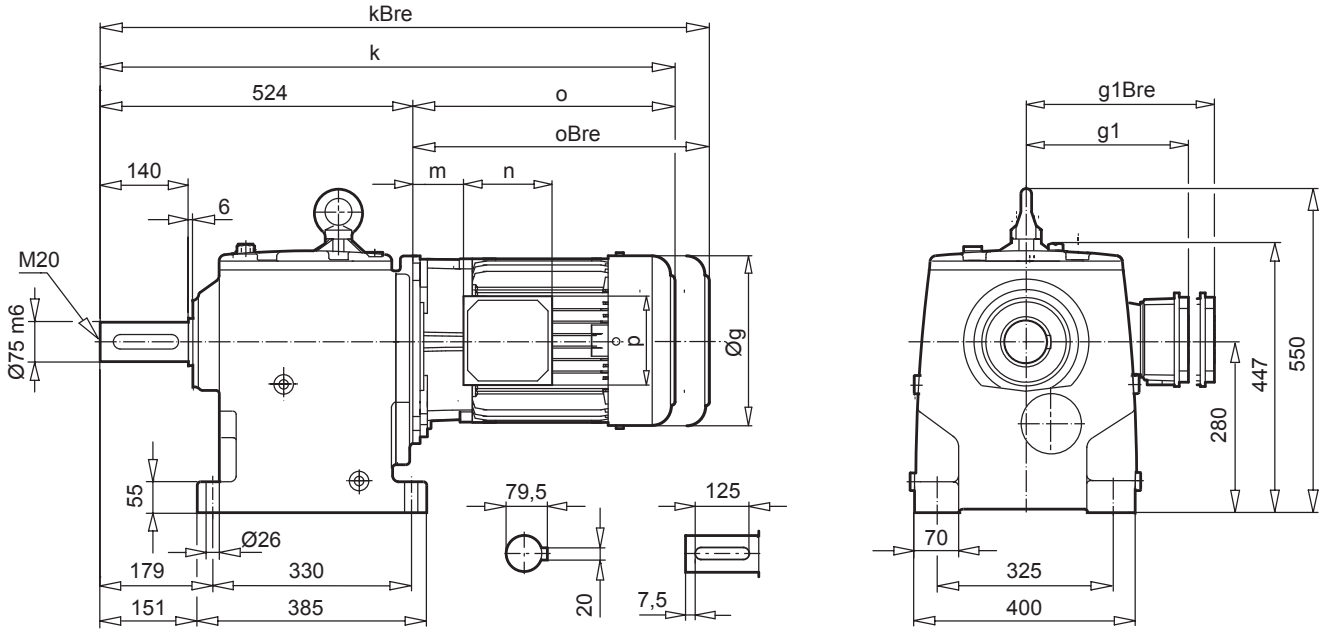
| ⇨ 📖 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 348 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 |
| k / kBre | 737 / 812 | 767 / 858 | 815 / 908 | 876 / 983 | 953 / 1088 | 997 / 1132 | 1097 / 1225 |
| k1 / k1Bre | 781 / 856 | 811 / 902 | 859 / 952 | 920 / 1027 | 997 / 1132 | 1041 / 1176 | 1139 / 1267 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| m / mBre | 26 / 30 | 32 / 36 | 48 / 52 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

📖 C94

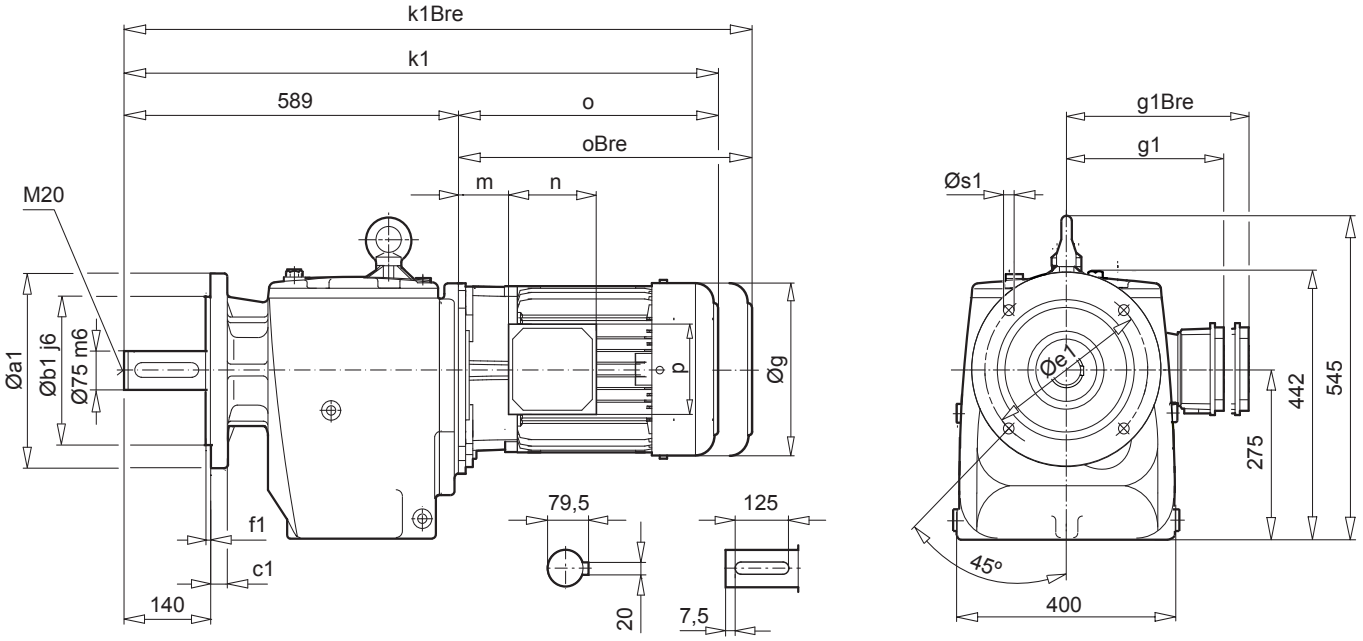




## SK 72



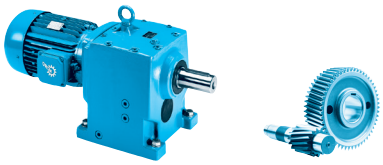

## SK 72F



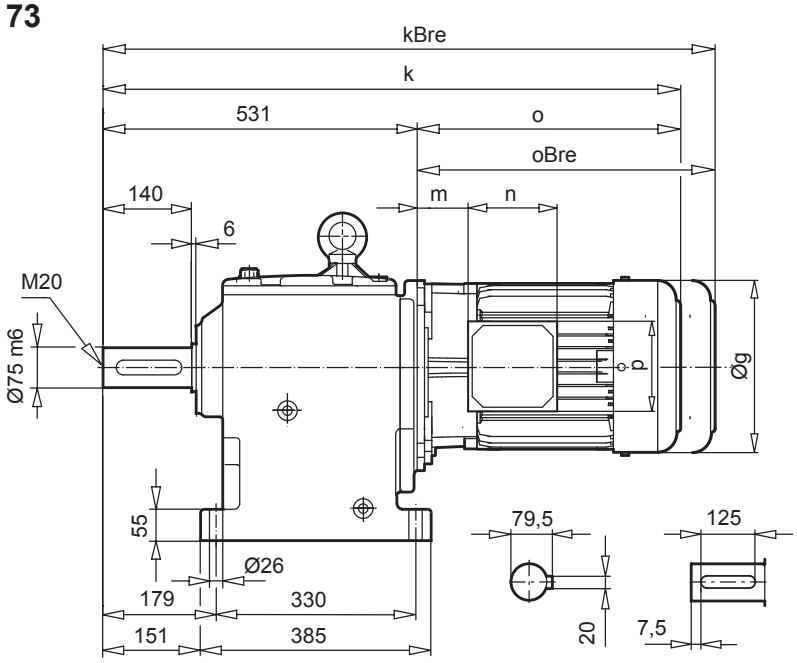

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 24 | 300 | 5,0 | 18 |

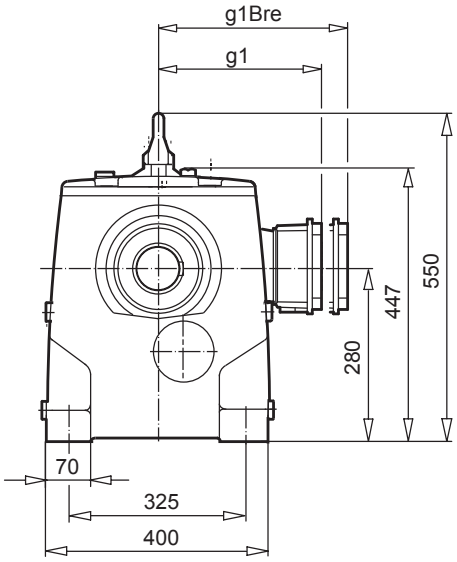
| ⇨ 🕮 A61 | 132 MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | |
|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 358 | 443 | 443 | |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | |
| k / kBre | 959 / 1066 | 1016 / 1151 | 1060 / 1195 | 1138 / 1266 | 1266 / 1446 | 1266 / 1446 | |
| k1 / k1Bre | 1024 / 1131 | 1081 / 1216 | 1025 / 1260 | 1203 / 1331 | 1331 / 1511 | 1331 / 1511 | |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | |
| m / mBre | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |

🕮 C95

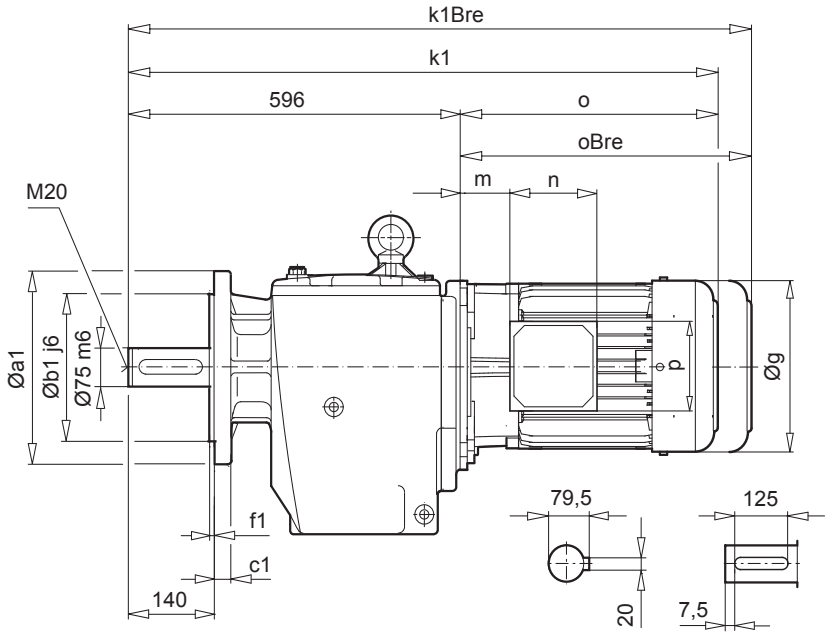


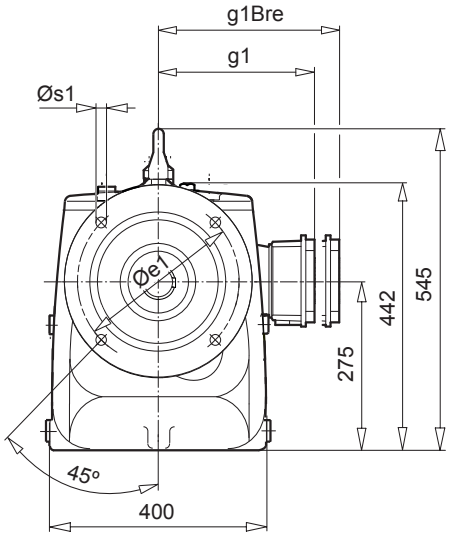
## SK 73




## SK 73F

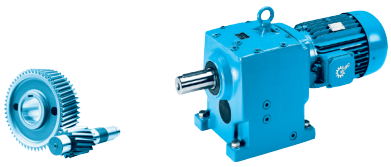



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 24 | 300 | 5,0 | 18 |

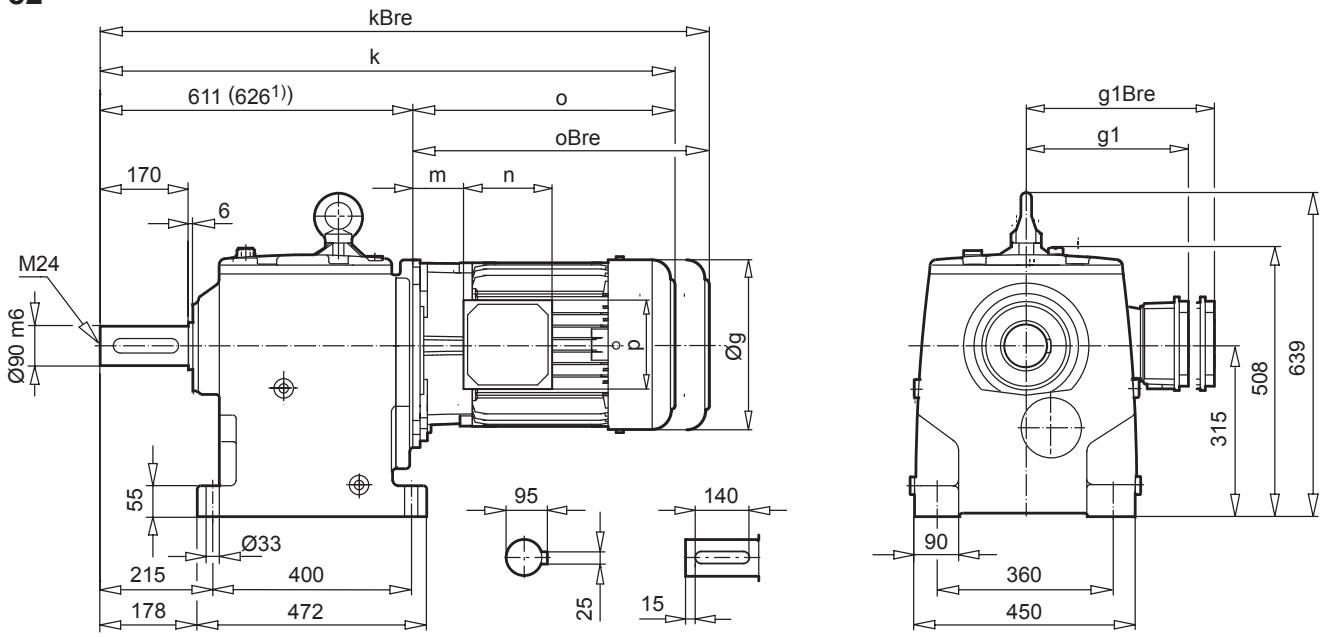
| ⇨ 🕮 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP |
|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 348 | 443 | 443 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 |
| k / kBre | 837 / 928 | 882 / 975 | 966 / 1073 | 1023 / 1158 | 1067 / 1202 | 1145 / 1273 | 1273 / 1453 | 1273 / 1453 |
| k1 / k1Bre | 902 / 993 | 947 / 1040 | 1031 / 1038 | 1088 / 1223 | 1132 / 1267 | 1210 / 1338 | 1338 / 1518 | 1338 / 1518 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 62 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

🕮 C95

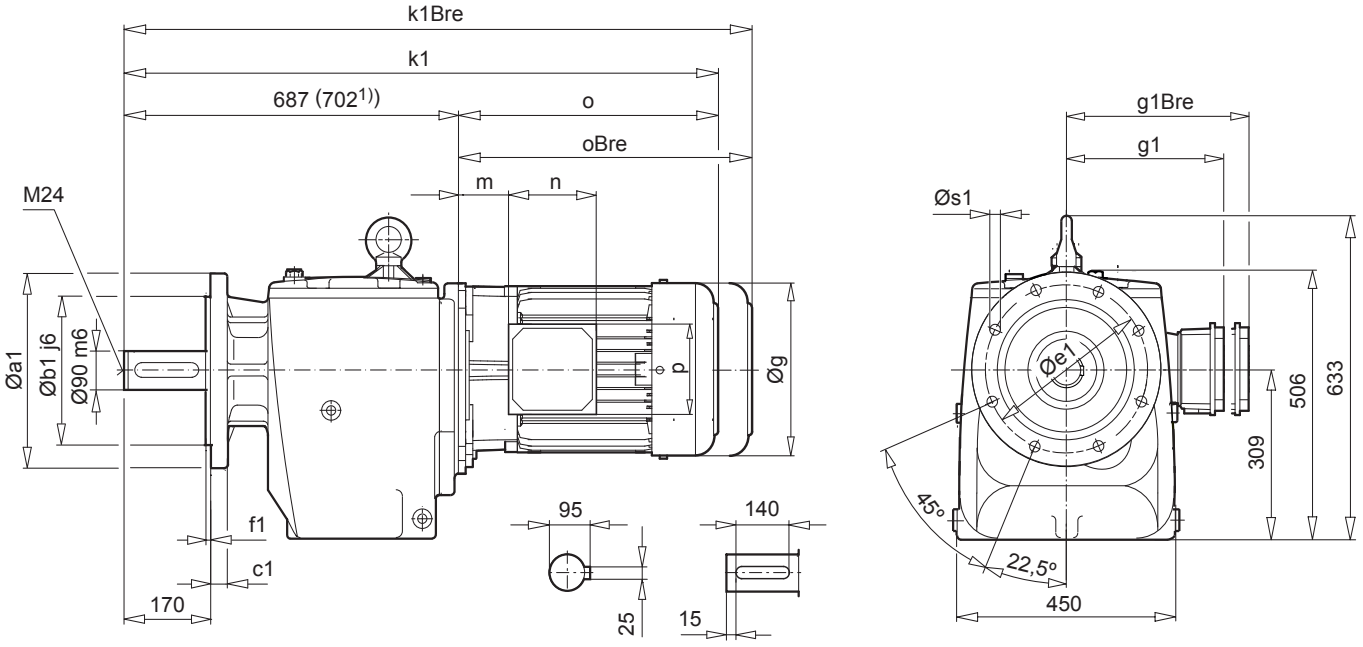




## SK 82



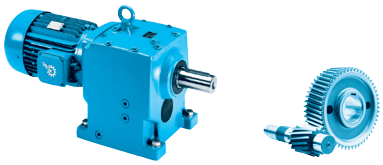

## SK 82F



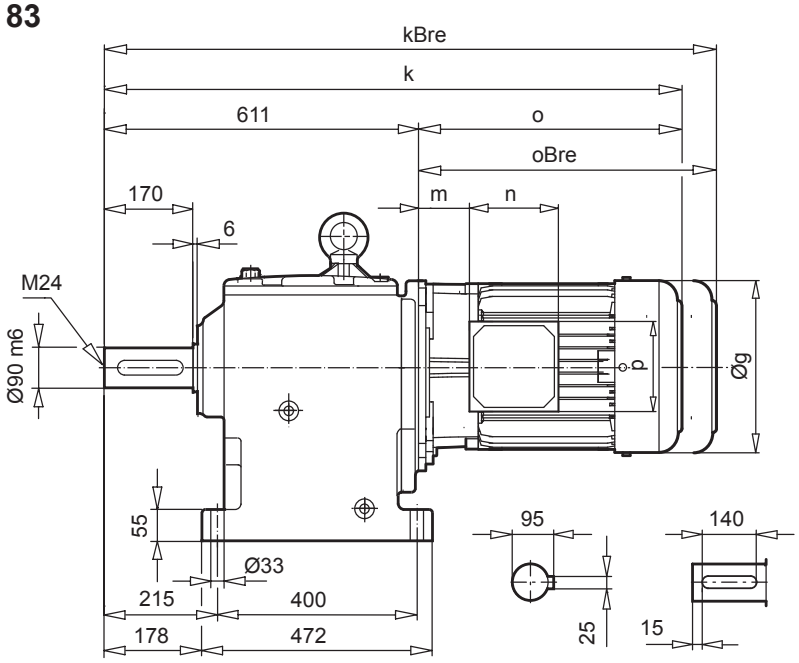

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 26 | 400 | 5,0 | 18 |

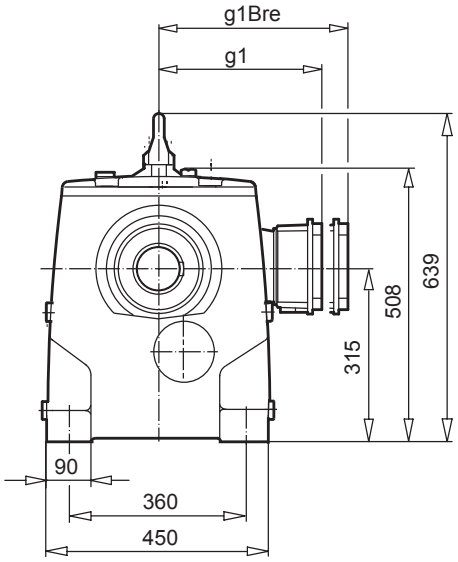
| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | |
|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 358 | 443 | 443 | 443 | 551 | |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | |
| k / kBre | 1103 / 1238 | 1147 / 1282 | 1227 / 1355 | 1353 / 1533 | 1353 / 1533 | 1368 / 1548 | 1456 / 1636 | |
| k1 / k1Bre | 1179 / 1314 | 1223 / 1358 | 1301 / 1429 | 1429 / 1609 | 1429 / 1609 | 1444 / 1624 | 1532 / 1712 | |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | |
| m / mBre | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | |

🕮 C96

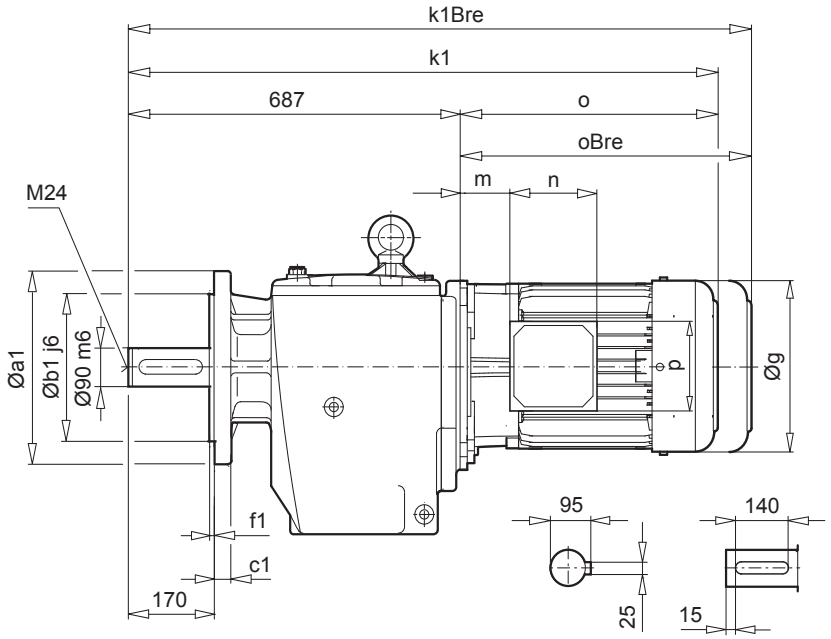


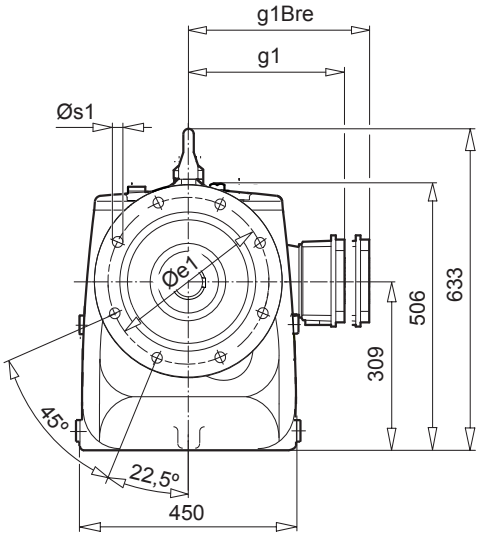
## SK 83




## SK 83F

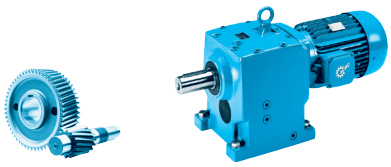



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 26 | 400 | 5,0 | 18 |

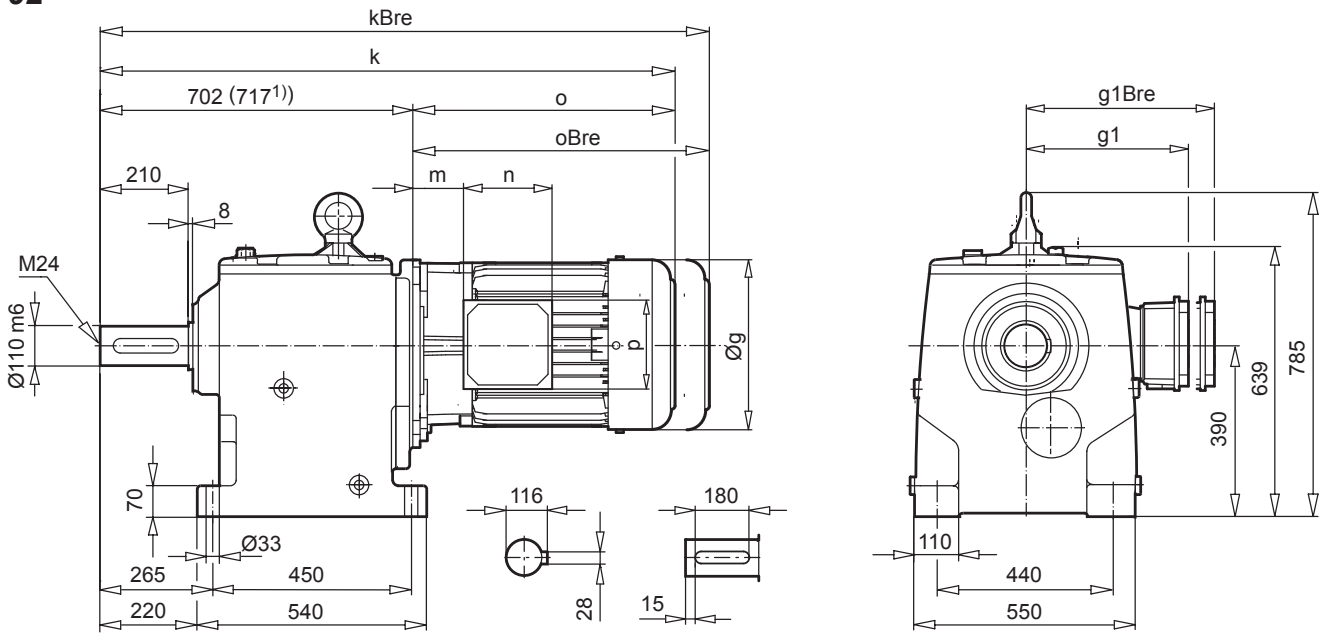
| ⇨ 📖 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | |
|---|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 348 | 443 | 443 | |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | |
| k / kBre | 917 / 1008 | 962 / 1055 | 1046 / 1153 | 1103 / 1238 | 1147 / 1282 | 1227 / 1355 | 1353 / 1533 | 1353 / 1533 | |
| k1 / k1Bre | 996 / 1084 | 1038 / 1131 | 1122 / 1228 | 1179 / 1314 | 1223 / 1358 | 1301 / 1429 | 1429 / 1609 | 1429 / 1609 | |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 62 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | |

📖 C95

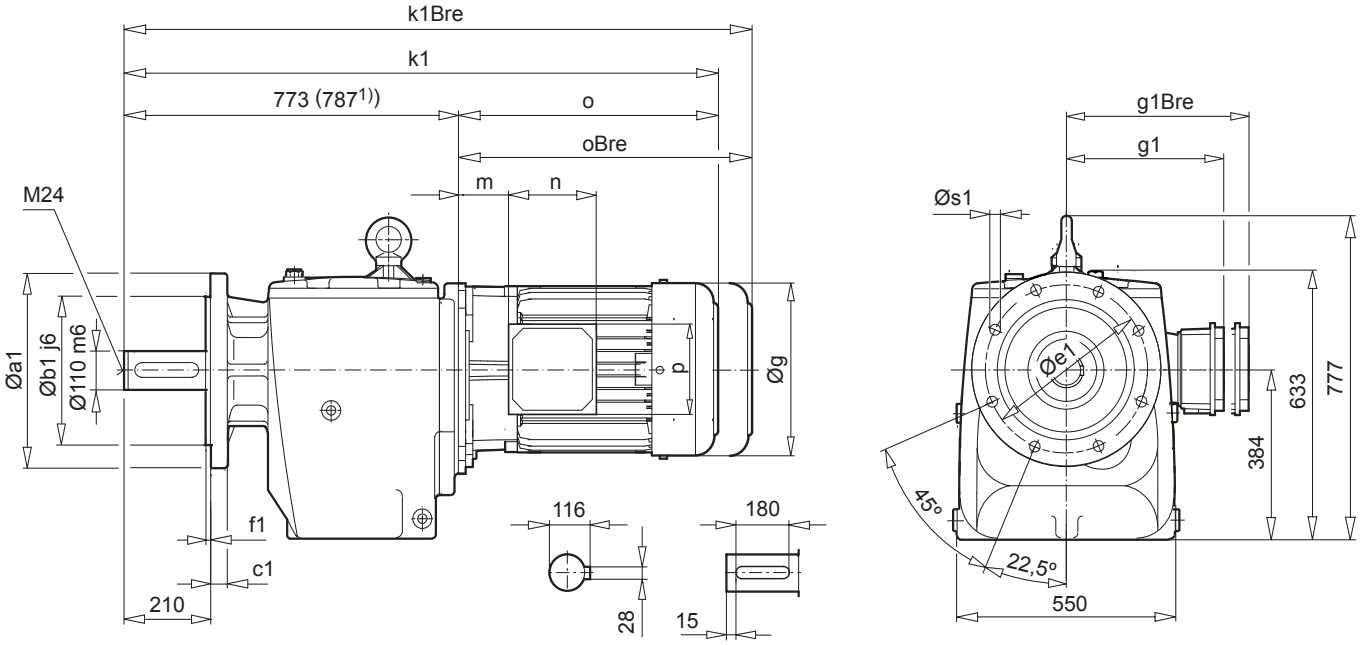




## SK 92



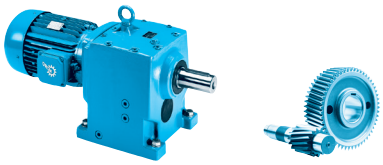

## SK 92F



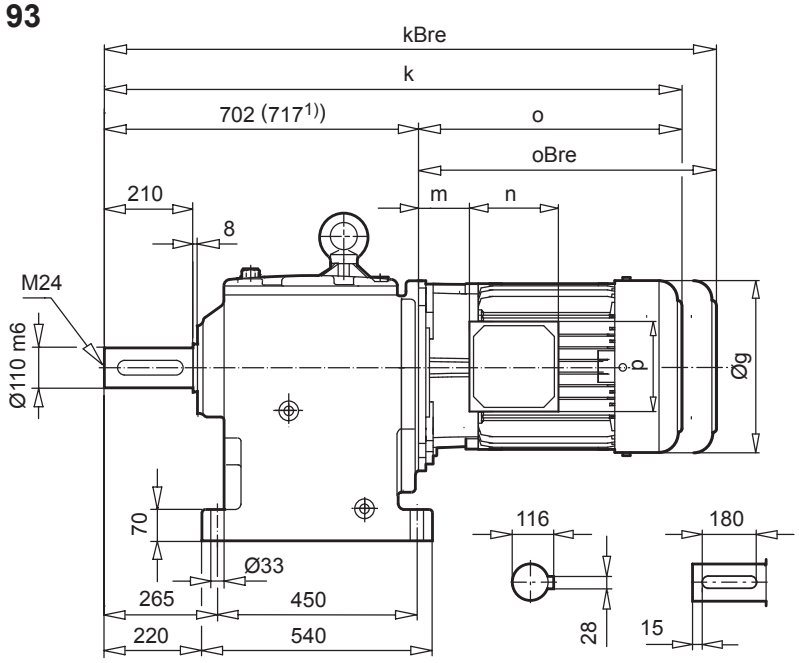

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 28 | 400 | 5,0 | 18 |

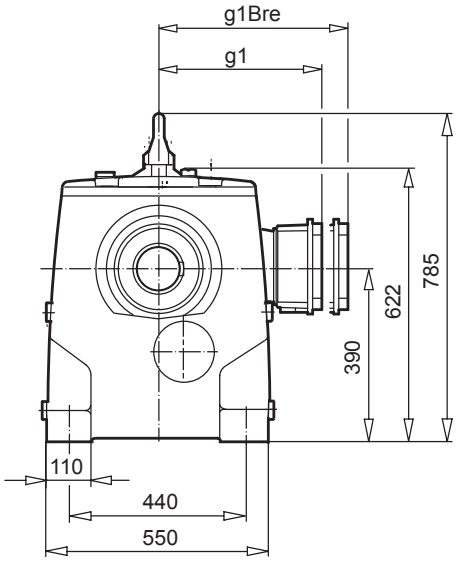
| ⇨ 🕮 A61 | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] | 315 MP/RP[1)] | | |
|---|---|---|---|---|---|---|---|---|
| g | 443 | 443 | 551 | 551 | 616 | 616 | | |
| g1 / g1Bre | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - | | |
| k / kBre | 1444 / 1624 | 1459 / 1639 | 1547 / 1727 | 1647 / 1827 | 1629 / - | 1794 / - | | |
| k1 / k1Bre | 1515 / 1695 | 1529 / 1709 | 1617 / 1797 | 1717 / 1897 | 1699 / - | 1864 / - | | |
| o / oBre | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - | | |
| m / mBre | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - | | |
| n / nBre | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - | | |
| p / pBre | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - | | |

🕮 C96

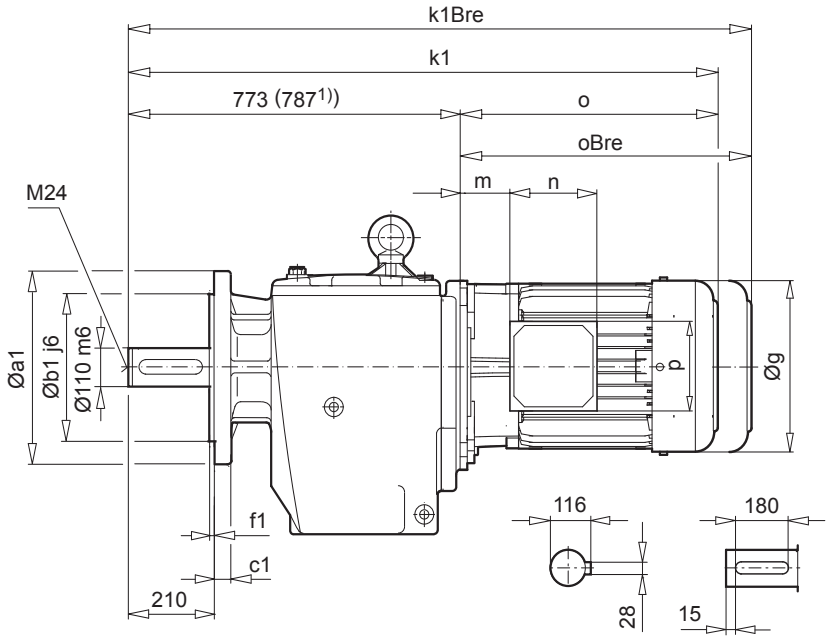


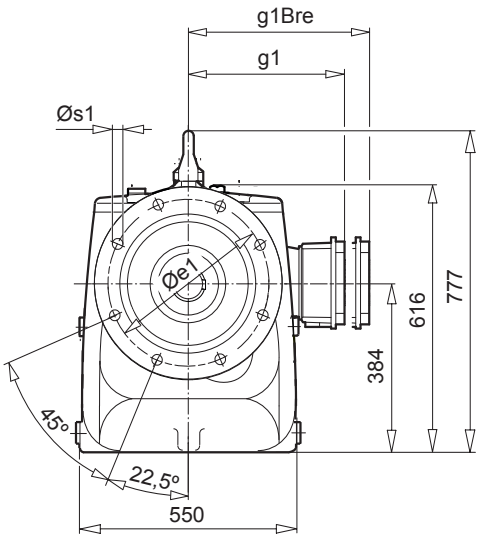
## SK 93



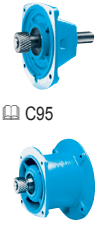

## SK 93F



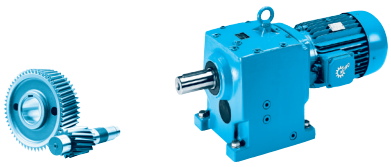




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 28 | 400 | 5,0 | 18 |

| ⇨ 🕮 A61 | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP¹) | 280 SP¹) | 280 MP¹) |
|---|---|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 348 | 443 | 443 | 443 | 551 | 551 |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 |
| k / kBre | 1137 / 1244 | 1194 / 1329 | 1238 / 1373 | 1318 / 1446 | 1444 / 1624 | 1444 / 1624 | 1459 / 1639 | 1547 / 1727 | 1647 / 1827 |
| k1 / k1Bre | 1208 / 1315 | 1265 / 1400 | 1309 / 1444 | 1387 / 1515 | 1515 / 1695 | 1515 / 1695 | 1529 / 1709 | 1617 / 1797 | 1717 / 1897 |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 |
| m / mBre | 71 / 62 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 |

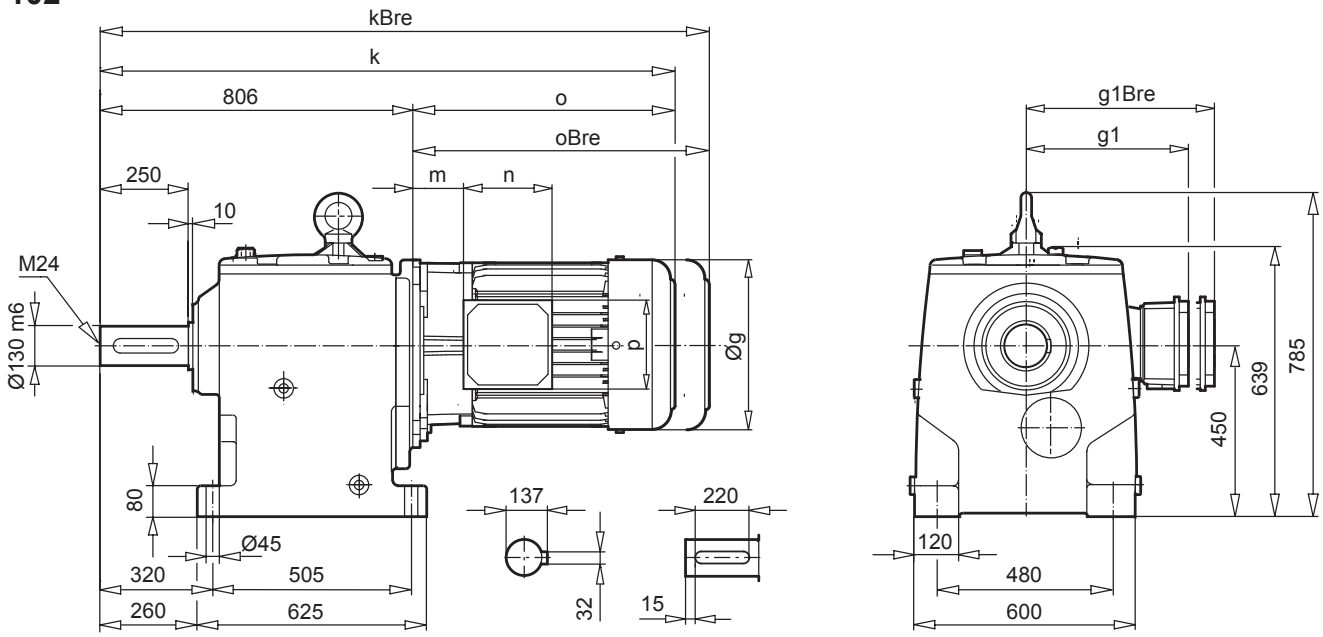


🕮 C95

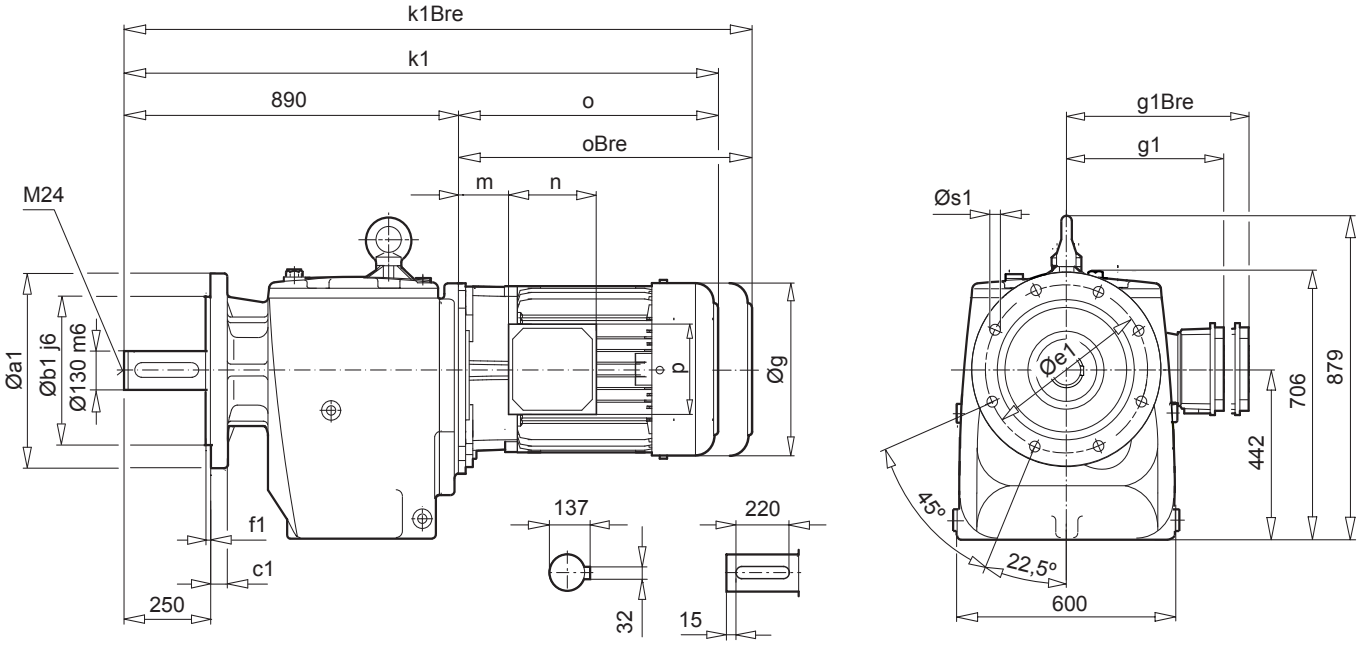




## SK 102



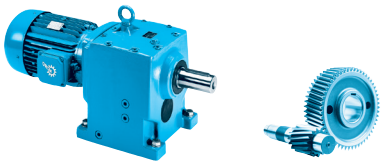

## SK 102F



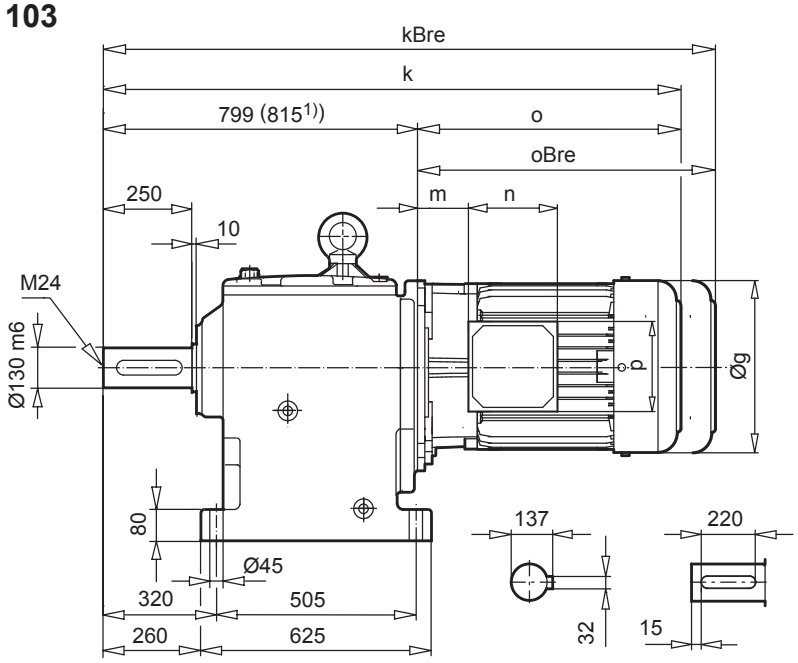

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 550 | 450 | 32 | 500 | 5,0 | 18 |

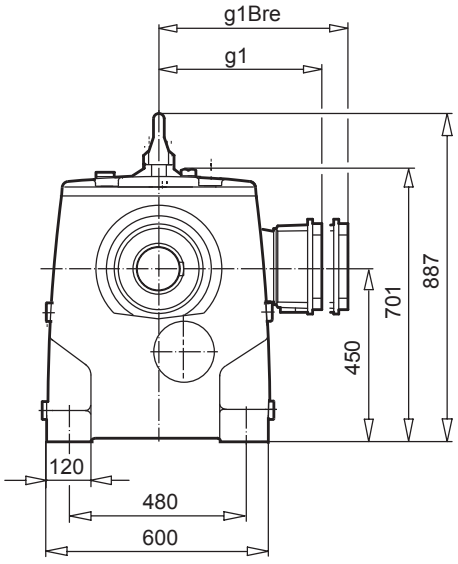
| ⇨ 🕮 A61 | 250 WP | 280 SP | 280 MP | 315 SP | 315 MP/RP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 443 | 551 | 551 | 616 | 616 | | |
| g1 / g1Bre | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - | | |
| k / kBre | 1548 / 1728 | 1636 / 1816 | 1736 / 1916 | 1718 / - | 1883 / - | | |
| k1 / k1Bre | 1632 / 1812 | 1720 / 1900 | 1820 / 2000 | 1802 / - | 1967 / - | | |
| o / oBre | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - | | |
| m / mBre | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - | | |
| n / nBre | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - | | |
| p / pBre | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - | | |

🕮 C96

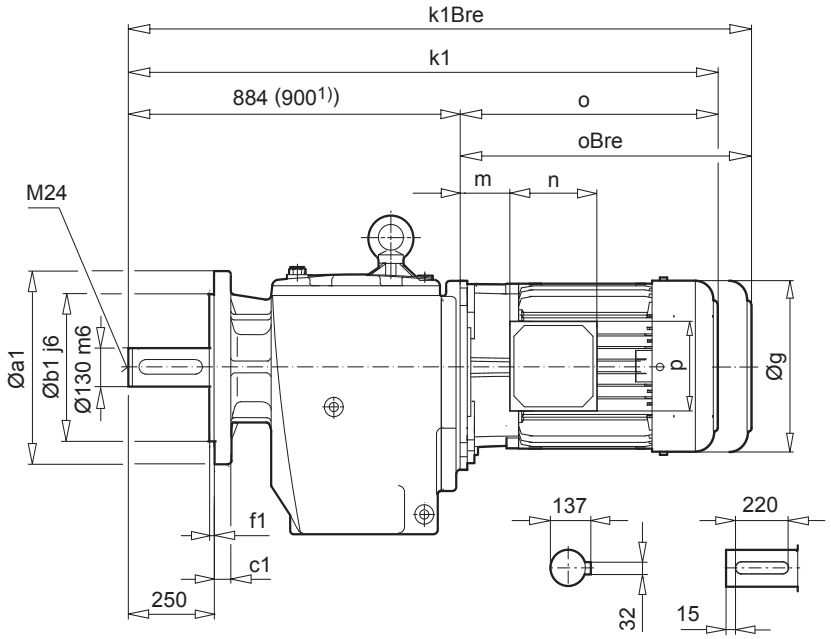


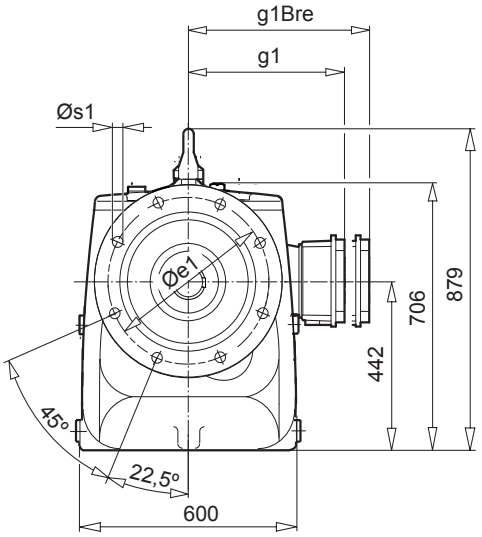
## SK 103




## SK 103F



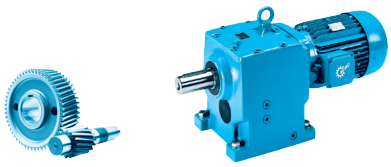




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 550 | 450 | 32 | 500 | 5,0 | 18 |

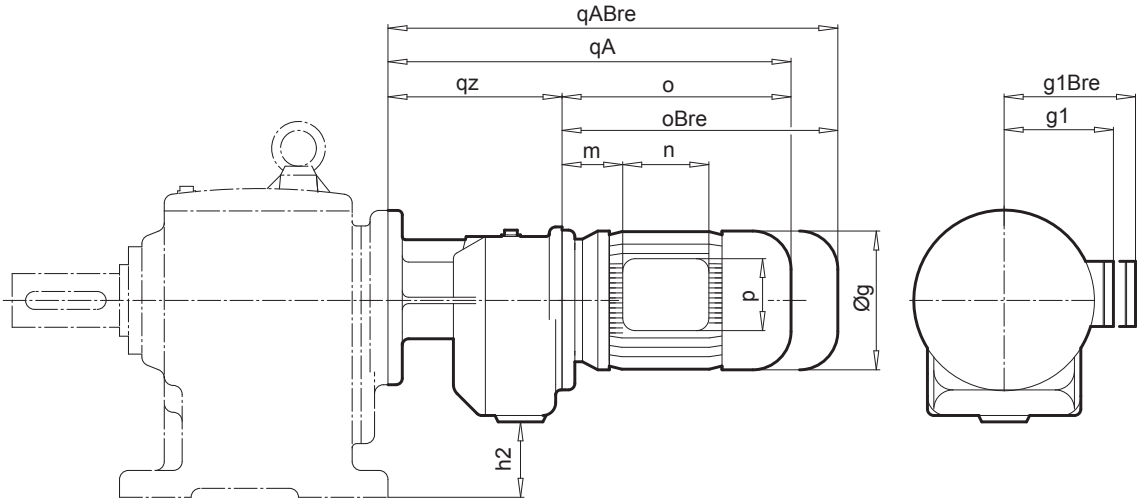
| ⇨📖A61 | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 348 | 443 | 443 | 443 | 551 | 551 | 616 |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - |
| k / kBre | 1234 / 1341 | 1291 / 1426 | 1335 / 1470 | 1415 / 1543 | 1541 / 1721 | 1541 / 1721 | 1557 / 1737 | 1645 / 1825 | 1745 / 1925 | 1727 / - |
| k1 / k1Bre | 1319 / 1426 | 1376 / 1511 | 1420 / 1555 | 1498 / 1626 | 1626 / 1806 | 1626 / 1806 | 1642 / 1822 | 1730 / 1910 | 1830 / 2010 | 1812 / - |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - |
| m / mBre | 71 / 62 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - |

📖 C96

# SK 12/02 - SK 83/32








| ⇨ 🕮 A61 | SK 12/02 | | SK 22/02 | | | SK 32/12 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 63 S/L | 71 S/L | 63 S/L | 71 S/L | 80 SH | 63 S/L | 71 S | 80 SH | | |
| g | 130 | 145 | 130 | 145 | 165 | 130 | 145 | 165 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 115 / 123 | 124 / 132 | 142 / 142 | 115 / 123 | 124 / 132 | 142 / 142 | | |
| qA / qABre | 338 / 394 | 378 / 436 | 354 / 410 | 394 / 452 | 419 / 483 | 367 / 410 | 407 / 465 | 432 / 496 | | |
| o / oBre | 196 / 252 | 236 / 294 | 196 / 252 | 236 / 294 | 261 / 325 | 196 / 423 | 236 / 294 | 261 / 325 | | |
| qz | 142 | | 158 | | | 171 | | | | |
| m / mBre | 16 / 22 | 42 / 48 | 16 / 22 | 42 / 48 | 47 / 51 | 16 / 22 | 42 / 48 | 47 / 51 | | |
| n / nBre | 100 / 134 | 100 / 134 | 100 / 134 | 100 / 134 | 114 / 153 | 100 / 134 | 100 / 134 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 100 / 89 | 100 / 89 | 114 / 108 | 100 / 89 | 100 / 89 | 114 / 108 | | |
| h2 | 13 | | 36 | | | 49 | | | | |
| ⇨ 🕮 | SK 12 ⇨ 🕮 C70 | | SK 22 ⇨ 🕮 C72 | | | SK 32 ⇨ 🕮 C74 | | | | |

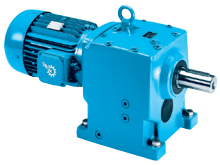
🕮 C92

| ⇨ 🕮 A61 | SK 42/12 | | | | SK 52/12 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 63 S/L | 71 S/L | 80 SH | 90 LP | 63 S/L | 71 S/L | 80 SH | 80 LP | | |
| g | 130 | 145 | 165 | 183 | 130 | 145 | 165 | 165 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 147 / 147 | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | | |
| qA / qABre | 371 / 427 | 411 / 469 | 436 / 500 | 477 / 552 | 371 / 427 | 411 / 469 | 436 / 500 | 436 / 500 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 302 / 377 | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | | |
| qz | 175 | | | | 175 | | | | | |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 51 | 52 / 56 | 16 / 22 | 42 / 48 | 47 / 51 | 47 / 51 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | | |
| h2 | 69 | | | | 106 | | | | | |
| ⇨ 🕮 | SK 42 ⇨ 🕮 C76 | | | | SK 52 ⇨ 🕮 C78 | | | | | |

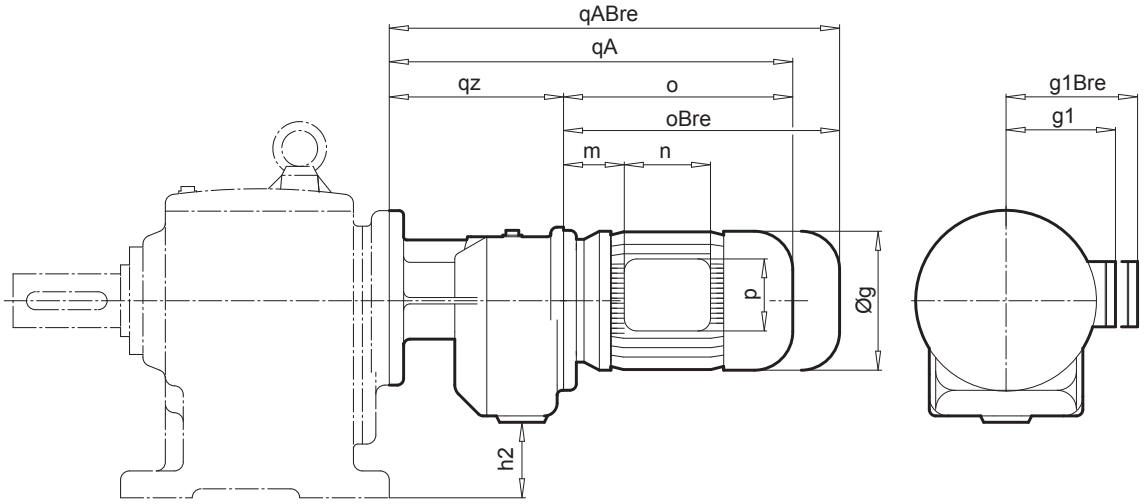
🕮 C92

| ⇨ 🕮 A61 | SK 63/22, SK 73/22* | | | | | SK 73/32, SK 83/32* | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 71 L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP* | 80 SH* | 80 LP* | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP |
| g | 145 | 165 | 165 | 183 | 201 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| qA / qABre | 410 / 468 | 435 / 499 | 435 / 499 | 476 / 551 | 506 / 597 | 474 / 498 | 474 / 498 | 515 / 590 | 545 / 636 | 593 / 686 | 654 / 761 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| qz | 180 | | | | | 219 | | | | | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |
| h2 | 125, 155* | | | | | 125, 160* | | | | | |
| ⇨ 🕮 | SK 63 ⇨ 🕮 C81, SK 73 ⇨ 🕮 C83 | | | | | SK 73 ⇨ 🕮 C83, SK 83 ⇨ 🕮 C85 | | | | | |

🕮 C93

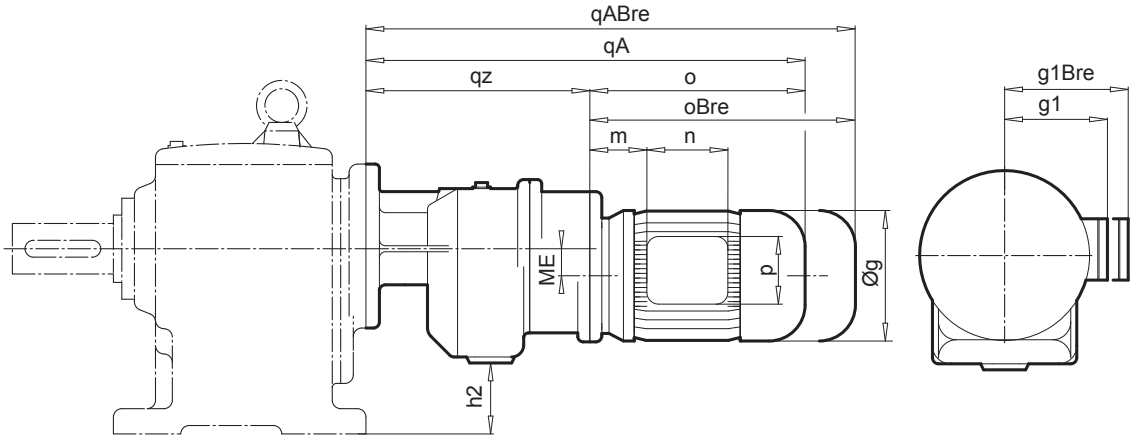


# SK 83/42 - SK 103/52 SK 63/23




| ⇨ 🕮A61 | SK 83/42, SK 93/42* | | | | | SK 93/52 | | SK 103/52 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP* | 132 MP | 180 MP | 90 LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
| g | 183 | 201 | 228 | 266 | 320 | 266 | 358 | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 204 / 201 | 258 / 258 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 |
| qA / qABre | 537 / 612 | 567 / 658 | 615 / 708 | 676 / 783 | 753 / 888 | 715 / 822 | 934 / 1062 | 576 / 651 | 606 / 697 | 654 / 747 | 715 / 822 | 792 / 927 | 836 / 971 | 934 / 1062 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 435 / 542 | 634 / 762 | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| qz | 261 | | | | | 300 | | 300 | | | | | | |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 51 / 42 | 74 / 74 | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186/ 186 | 122 / 185 | 186 / 186 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186/ 186 | 114 / 108 | 186 / 186 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |
| h2 | 140, 215* | | | | | 178 | | 238 | | | | | | |
| ⇨ 🕮 | SK 83 ⇨ 🕮 C85, SK 93 ⇨ 🕮 C87 | | | | | SK 93 ⇨ 🕮 C87 | | SK 103 ⇨ 🕮 C89 | | | | | | |

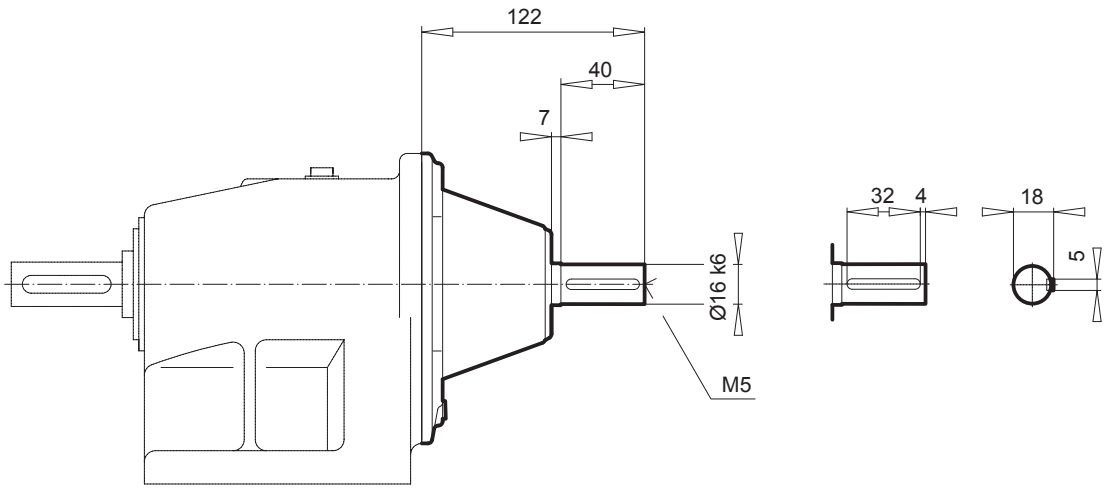
🕮 C94




| ⇨ 🕮 A61 | SK 63/23 | | |
|---|---|---|---|
| | 63 S/L | 71 S/L | 80 SH |
| g | 130 | 145 | 165 |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 |
| qA / qABre | 436 / 492 | 476 / 534 | 501 / 565 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 |
| qz | 240 | | |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 51 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 |
| h2 | 125 | | |
| ME | 42,5 | | |
| ⇨ 🕮 | SK 63 ⇨ 🕮 C81 | | |

🕮 C92

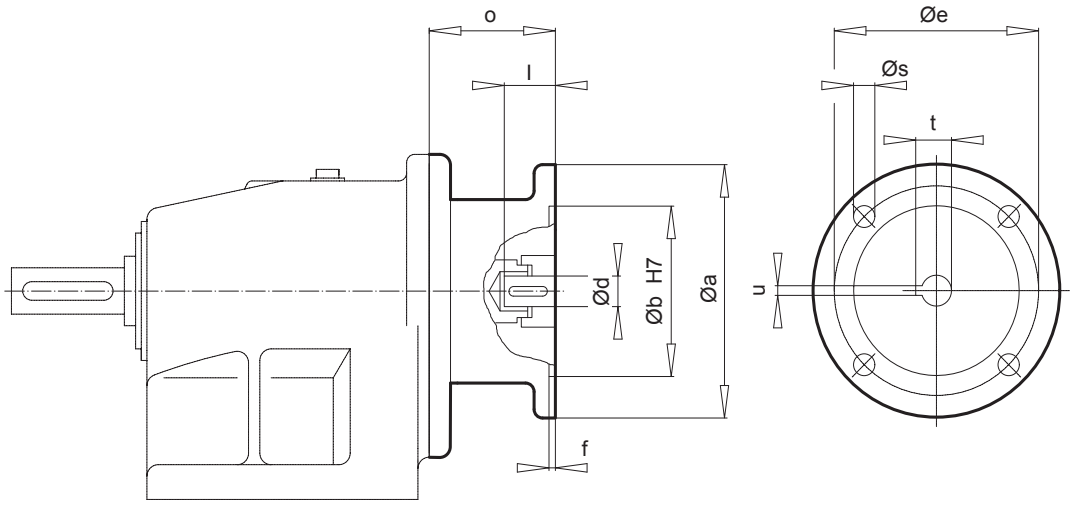
## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 11E (F) | C63 |
| SK 02 (F) | C68 |
| SK 03 (F) | C69 |
| SK 12 (F) | C70 |
| SK 13 (F) | C71 |
| SK 23 (F) | C73 |
| SK 33N (F) | C75 |

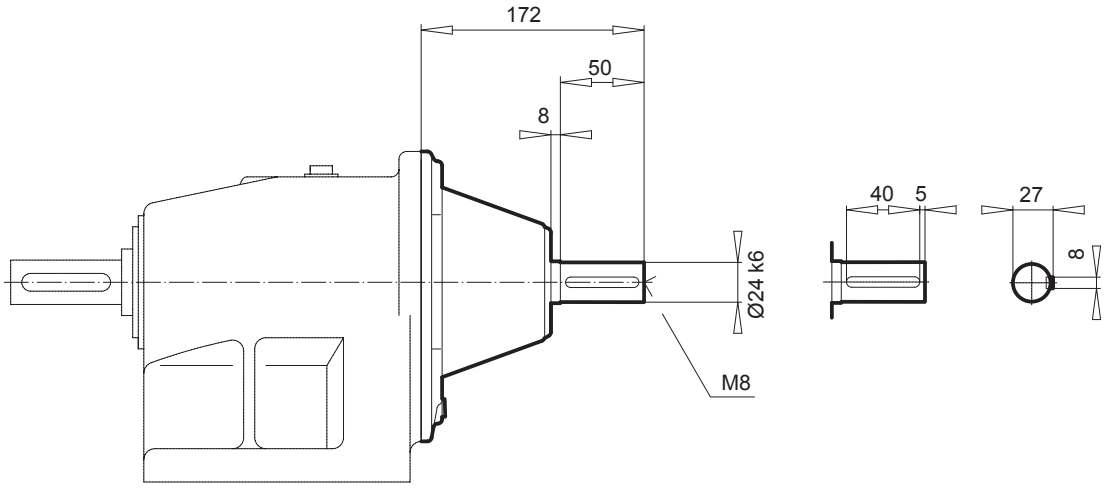
| Type | ⇨ 🕮 |
|---|---|
| SK 12/02 (F) | C90 |
| SK 22/02 (F) | C90 |
| SK 32/12 (F) | C90 |
| SK 42/12 (F) | C90 |
| SK 52/12 (F) | C90 |
| SK 63/23 (F) | C90 |

## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **63** | 140 | 95 | 11 | 115 | 3,5 | 23 | 85 | M8 | 12,8 | 4 |
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 107 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 107 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |

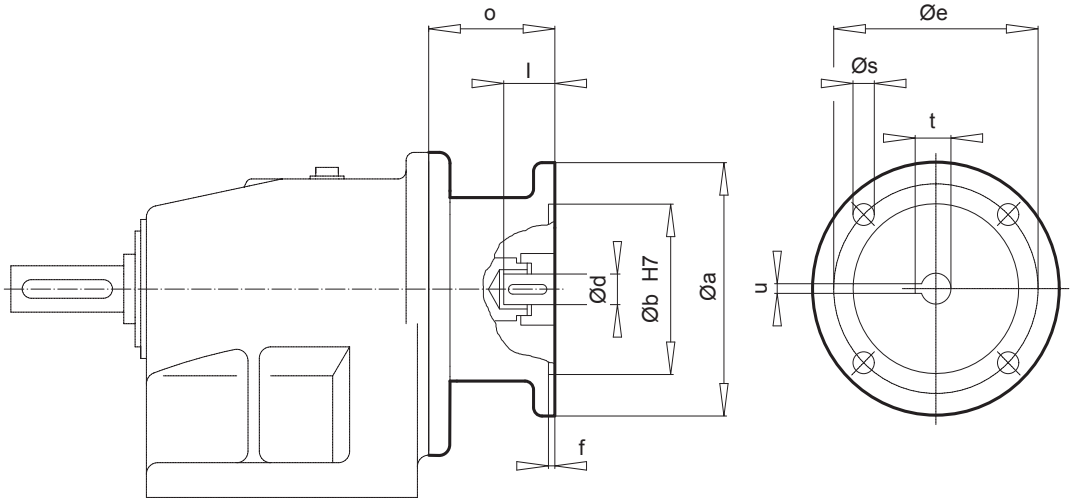
## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 21E (F) | C64 |
| SK 31E (F) | C65 |
| SK 22 (F) | C72 |
| SK 32 (F) | C74 |
| SK 43 (F) | C77 |
| SK 53 (F) | C79 |

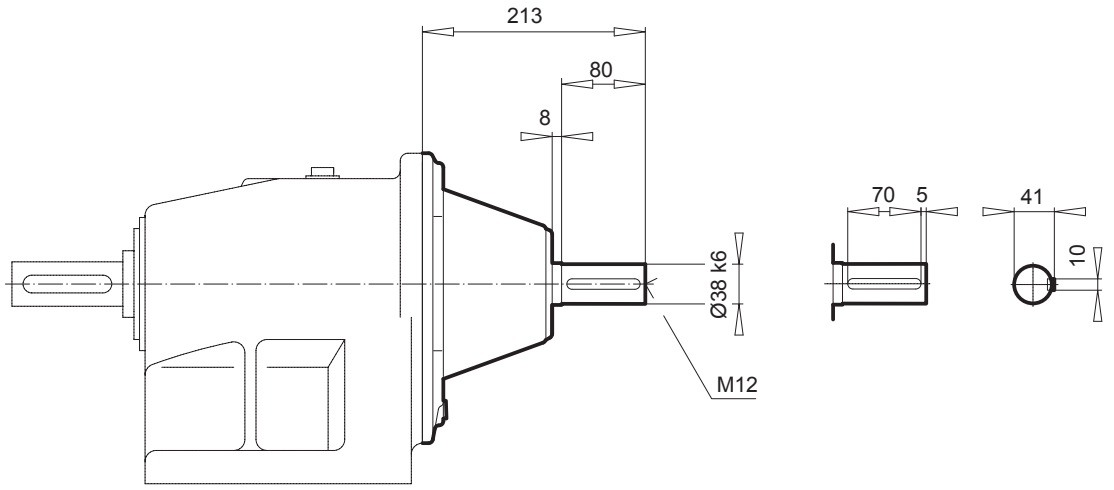
| Type | ⇨ 🕮 |
|---|---|
| SK 63/22 (F) | C90 |
| SK 73/22 (F) | C90 |
| SK 73/32 (F) | C90 |
| SK 83/32 (F) | C90 |

## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 88 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 107 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 107 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 156 | M12 | 41,3 | 10 |

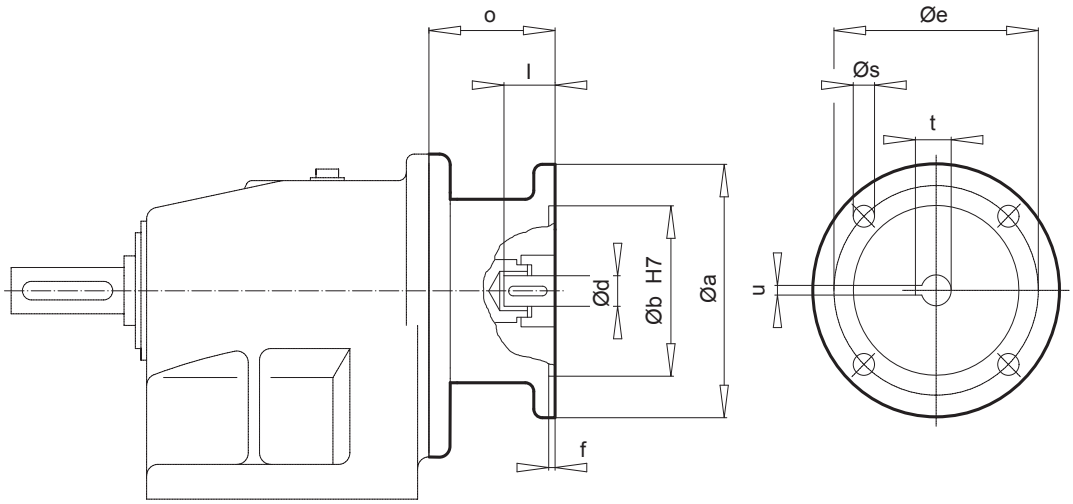
## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 41E (F) | C66 |
| SK 51E (F) | C67 |
| SK 42 (F) | C76 |
| SK 52 (F) | C78 |
| SK 63 (F) | C81 |

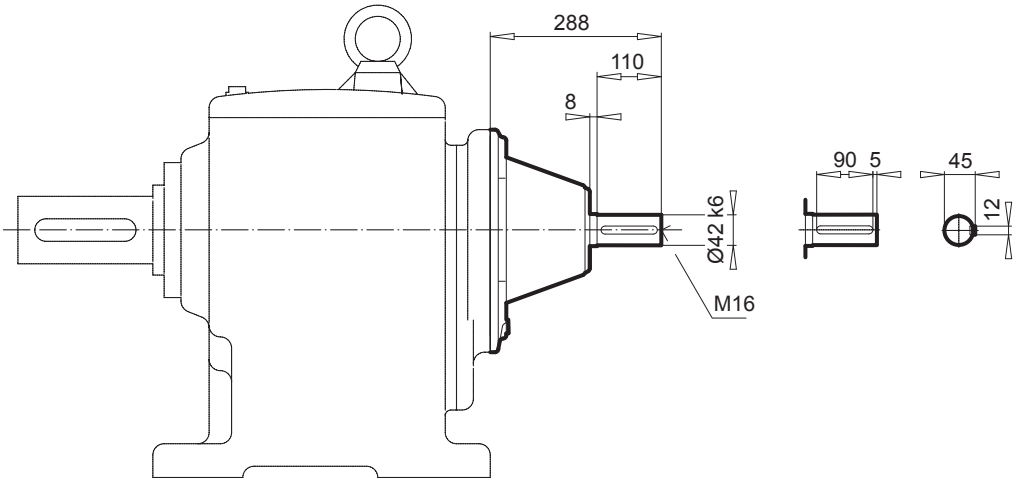
| Type | ⇨ 🕮 |
|---|---|
| SK 83/42 (F) | C91 |
| SK 93/42 (F) | C91 |
| SK 93/52 (F) | C91 |
| SK 103/52 (F) | C91 |

## SK ... - IEC ...



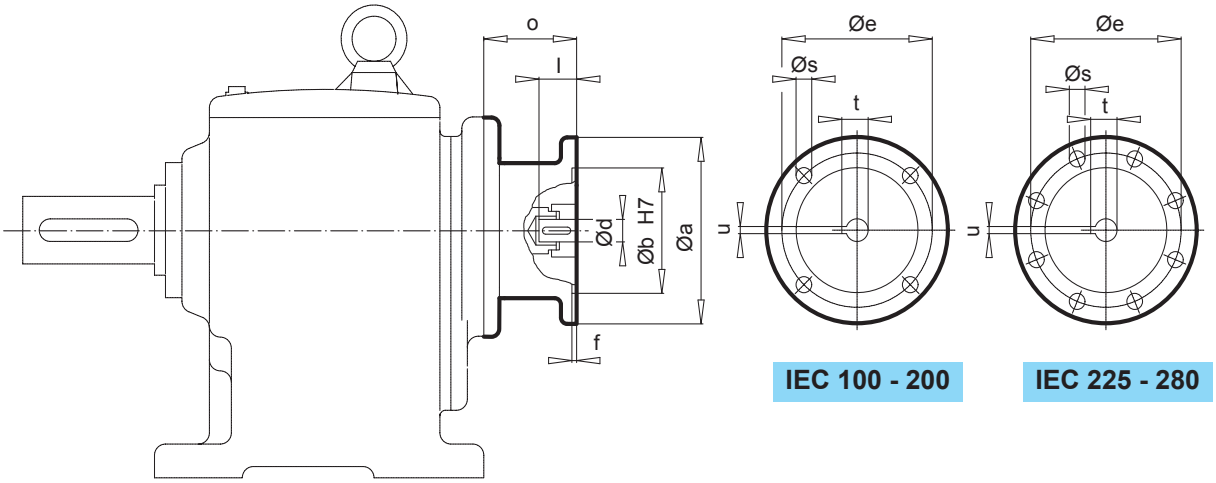

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 109 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 133 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 133 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 190 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 194 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 194 | M16 | 51,3 | 14 |

## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 62 (F) | C80 |
| SK 63 (F) | C81 |
| SK 72 (F) | C82 |
| SK 73 (F) | C83 |
| SK 83 (F) | C85 |
| SK 93 (F) | C87 |

## SK ... - IEC ...

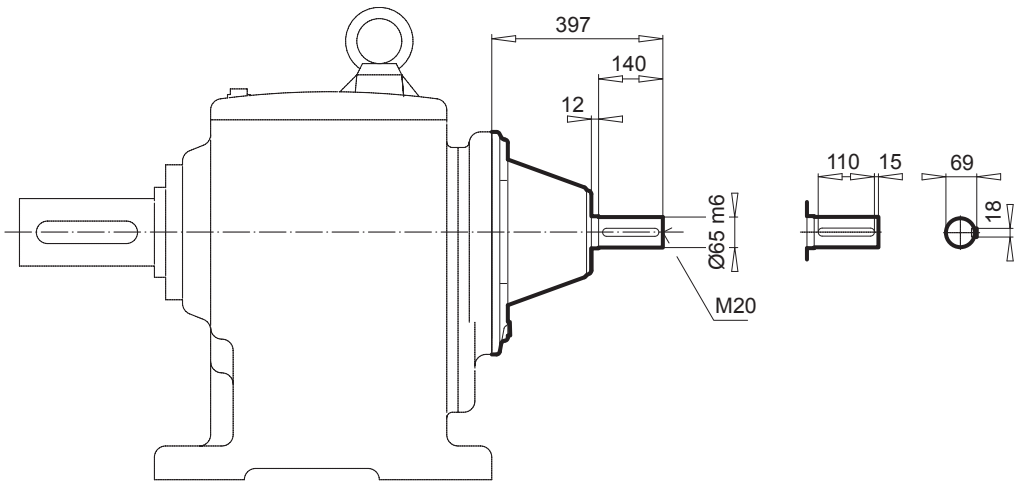



IEC 100 - 200

IEC 225 - 280

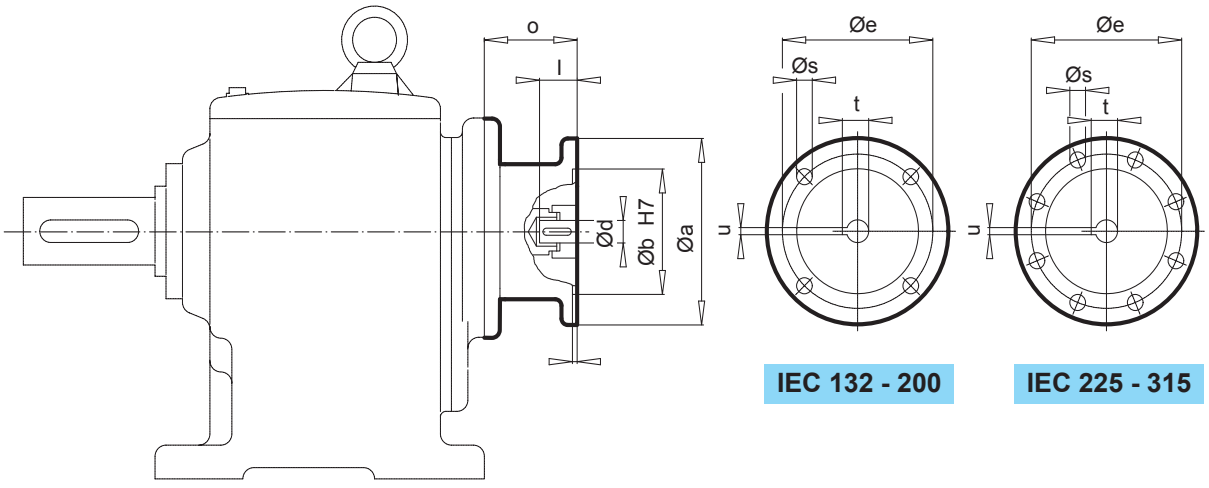
| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| 112 | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| 132 | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| 160 | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| 180 | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| 200 | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| 225 | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| 250 | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| 280 | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,9 | 20 |

## SK ... - W

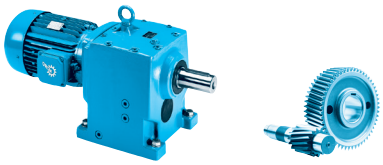


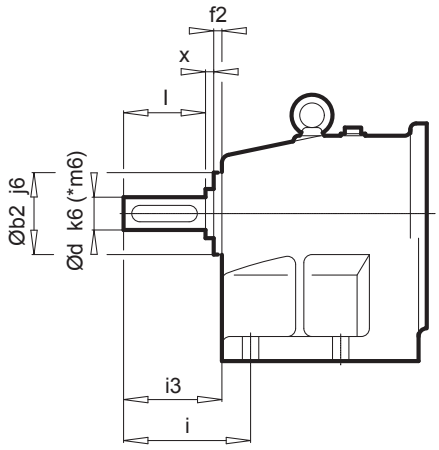

| Type | ⇨ 🕮 |
|---|---|
| SK 82 (F) | C84 |
| SK 83 (F) | C85 |
| SK 92 (F) | C86 |
| SK 93 (F) | C87 |
| SK 102 (F) | C88 |
| SK 103 (F) | C89 |

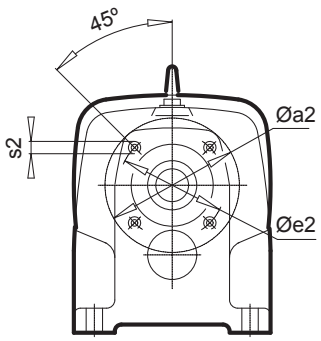
## SK ... - IEC ...



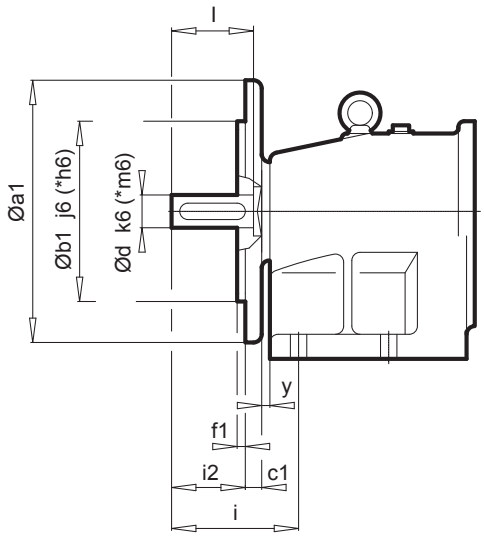

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| **250** | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| **280** | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,9 | 20 |
| **315** | 660 | 550 | 80 | 600 | 7,0 | 170 | 381,5 | M20 | 85,4 | 22 |

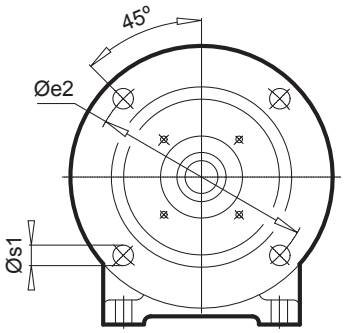





**XZ = B14**




**XF = B5**



| ⇨ 🕮 A | a2 | b2 | e2 | f2 | s2 | i | i3 | a1 | b1 | c1 | e1 | f1 | s1 | i2 | y | d | l | x |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 02 X.<br>SK 03 X.** | 90 | 55 | 72 | 8 | M 8x13 | 52 | 42 | 160 | 110 | 10 | 130 | 3,5 | 9 | 27 | 5 | 20 | 40 | 3 |
| **SK 12 X.<br>SK 13 X.** | 95 | 60 | 80 | 9 | M 8x13 | 78 | 60 | 200 | 130 | 12 | 165 | 3,5 | 11 | 43 | 5 | 25 | 50 | 4 |
| **SK 22 X.<br>SK 23 X.** | 130 | 72 | 100 | 10 | M12x20 | 74 | 59 | 250 | 180 | 16 | 215 | 4,0 | 14 | 38 | 5 | 30 | 60 | 5 |
| **SK 32 X.<br>SK 33N X.** | 150 | 90 | 120 | 11 | M16x25 | 96 | 79 | 300 | 230 | 20 | 265 | 4,0 | 14 | 54 | 5 | 40 | 80 | 6 |
| **SK 42 X.<br>SK 43 X.** | 165 | 105 | 135 | 14 | M16x25 | 130 | 106 | 300 | 230 | 20 | 265 | 4,0 | 14 | 81 | 5 | 45 | 90 | 6 |
| **SK 52 X.<br>SK 53 X.** | 200 | 134 | 165 | 19 | M16x25 | 140 | 120 | 350 | 250* | 20 | 300 | 5,0 | 18 | 95 | 5 | 55* | 110 | 6 |
| ⇨ 🕮 | **SK 02 - SK 53 ⇨ 🕮 C68 - C79** | | | | | | | | | | | | | | | | | |

# Notes

**ENQUIRY FORM** . . . . . D - 2

**VERSIONS AVAILABLE** . . . . . D - 3

**GEAR UNITMOTOR DATA**

Power and speed tables . . . . . D - 4

Power and speed tables
W- and IEC adapters . . . . . D - 42

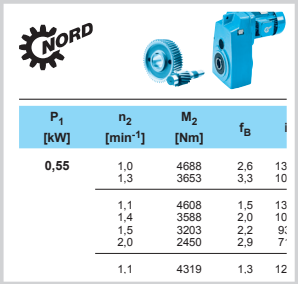
**DIMENSIONED DRAWINGS**

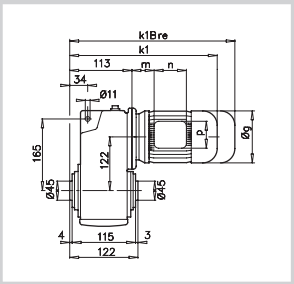
Parallel geared motors . . . . . D - 63

Parallel gear units, W- and IEC adapters . . . . . D - 87

**OPTIONS**

| | | |
|---|---|---|
| **AZ / VZ** | Hollow shaft / Solid shaft with B14 flange | D - 93 |
| **AX / VX** | Foot-mounted housing | D - 95 |
| **AXSH** | Shrink disk with cover | D - 95 |
| **AVSH** | Reinforced shrink disk with cover | D - 96 |
| **AH / AZH** | Cover as contact protection | D - 97 |
| **VL2 / VL3** | Agitator version | D - 99 |
| **G / VG** | Rubber buffer for torque arm | D -101 |



# Enquiry form

DRIVESYSTEMS

This general enquiry form can be found in the attachment as well as on the **NORD** homepage under **www.nord.com** - Heading DOCUMENTATION / FORMS.

## General enquiry form


NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Tel.: +49(0) 4532/401-0
Fax: +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com


Company | Street | Town | Post-code | Contact | Tel.: | Fax: | Email | Customer No. | Application | Project

**Components required**

○ Gear unit motor | ○ IEC – Gear unit motor | ○ Gear unit with free shaft end | ○ Stand-alone motor

Quantity | Type

**Parameters specific to the gear unit**

Version | Gear ratio
Flange ○ B14 ○ B5 ø [mm]
○ Hollow shaft ○ Solid shaft ø x [mm]
Output speed at mains frequency $n_2$ [$min^{-1}$]
Output torque $M_2$ [Nm]
Min. operating factor $f_b$
Min. bearing life Lh [h]
Radial forces on output shaft $F_{R2}$ [N]
Axial forces on output shaft $F_{A2}$ [N]
Dist. from shaft collar to point of action of force [mm]

**Parameters specific to gear unit**

Bearings ○ Normal ○ VL ○ VL2 ○ VL3 ○ AL
For bevel gear or worm gear units Shaft at ○ A ○ B
Oil type ○ Mineral ○ Synthetic ○ Foodstuff-compatible oil ○ Special oil type

**Parameters specific to motor**

Effective motor power [kW]
Motor speed $n_1$ [$min^{-1}$]
Temperature sensor (PTC) ○ Bi-metal temperature monitor ○
Mains voltage [V] +/- [%]
Mains frequency [Hz]



○ Control cabinet inverter ○ Motor-mounted inverter
Adjustment range from [Hz] to [Hz]
☐ Constant torque within adjustment range [Nm]
☐ External fan
☐ Increase in motor size (with constant torque)
☐ Positioning ○ Incremental ○ Absolute
☐ Speed feedback
☐ Generator operation for power feedback [kW]
☐ Bus system- type of bus system
☐ Control via ○ PC ○ Control box

**Outline conditions**

Ambient temperatures from [°C]
☐ Buffer mounting for travelling drives [Nm]
☐ Relative humidity [%]
☐ Exposure to direct sunlight
☐ Aggressive media (e.g.: salty air)
☐ Increased installation altitude [m]
☐ Precipitation
☐ ATEX (explosive mixtures in the vicinity) Zone

**Painting**

○ Not painted
○ Paint 1.0 - Primer
○ Paint 2.0 - standard
○ Paint 3.0 - normal environmental contamination
○ Paint 3.1 - moderate environmental contamination
○ Paint 3.2 - severe environmental contamination
○ Other painting (e.g.: Z, 3.4 or 3.5)
☐ Special colour (Standard RAL7031) RAL
☐ Regulations DIN EN, etc., please state

**General conditions**

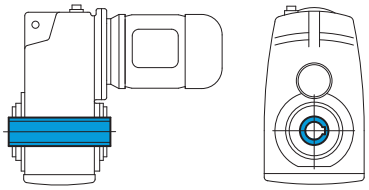
Quote by
Purchasing conditions known ○ not known ○
Purchasing conditions attached ☐
Delivery time after receipt of order
Delivery carriage paid ☐

Comments

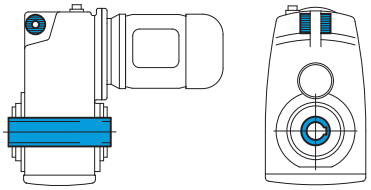
## Examples - available vesions: parallel shaft geared motor

### With hollow shaft

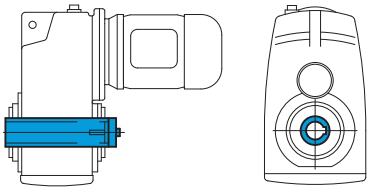
**SK 1282 A - 90 LP/4**
Hollow shaft



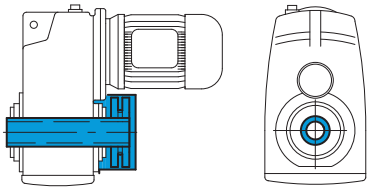
**SK 1282 AG - 90 LP/4**
Hollow shaft, rubber buffer for torque arm



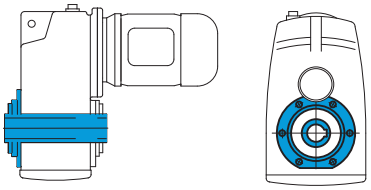
**SK 1282 AB - 90 LP/4**
Hollow shaft, fastening element



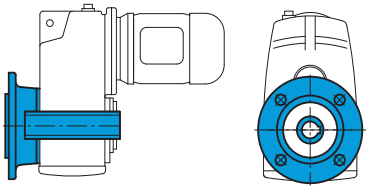
**SK 1282 ASH - 80 LP/4**
Hollow shaft, shrink disk
See page A25



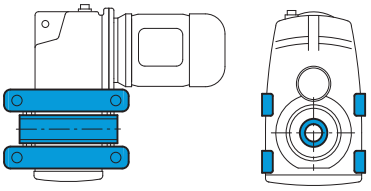
**SK 1282 AZ - 90 LP/4**
Hollow shaft, B14 flange



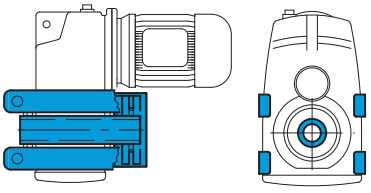
**SK 1282 AF - 90 LP/4**
Hollow shaft, B5 flange



**SK 1282 AX - 90 LP/4**
Hollow shaft,
Foot-mounted housing

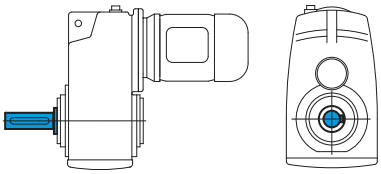


**SK 1282 AXSH - 90 LP/4**
Hollow shaft, shrink disk,
foot-mounted housing

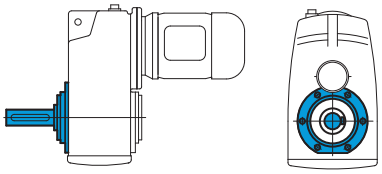


### With solid shaft

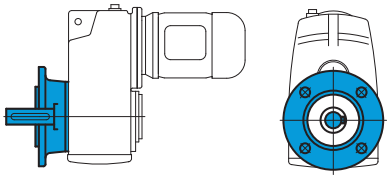
**SK 1282 V - 90 LP/4**
Solid shaft



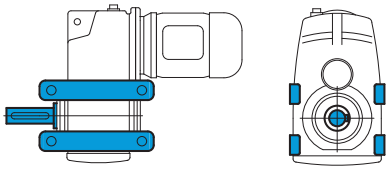
**SK 1282 VZ - 90 LP/4**
Solid shaft, B14 flange



**SK 1282 VF - 90 LP/4**
Solid shaft, B5 flange



**SK 1282 VX - 90 LP/4**
Solid shaft, foot-mounted housing



# 0,12 kW
# 0,18 kW

IE1 Standard

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 1,0 | 769 | 2,3 | 1343,53 | 21,5 | 22,0 | 30,3 | 30,0 | **SK 4282/12 - 63 S/4** | 69 | D66 |
| | 1,2 | 636 | 2,8 | 1110,82 | 21,7 | 22,0 | 30,4 | 30,0 | | | D82 |
| | 1,5 | 500 | 3,6 | 873,31 | 21,9 | 22,0 | 30,6 | 30,0 | | | |
| | 1,0 | 765 | 1,2 | 1335,98 | 15,0 | 14,5 | 21,9 | 20,0 | **SK 3282/12 - 63 S/4** | 54 | D64 |
| | 1,3 | 611 | 1,5 | 1067,99 | 15,5 | 14,5 | 22,2 | 20,0 | | | D82 |
| | 1,6 | 488 | 1,8 | 853,43 | 15,9 | 14,5 | 22,5 | 20,0 | | | |
| | 1,9 | 393 | 2,3 | 686,08 | 16,1 | 14,5 | 22,6 | 20,0 | | | |
| | 1,1 | *1125 | 0,8 | 808,42 | 13,1 | 14,5 | 20,6 | 20,0 | **SK 3382 - 63 L/6** | 52 | D65 |
| | 1,2 | 963 | 1,0 | 726,61 | 14,1 | 14,5 | 21,2 | 20,0 | | | |
| | 1,5 | 774 | 1,3 | 584,13 | 14,9 | 14,5 | 21,8 | 20,0 | | | |
| | 1,3 | 878 | 0,9 | 1022,42 | 14,5 | 14,5 | 21,5 | 20,0 | **SK 3382 - 63 S/4** | 52 | D65 |
| | 1,7 | 694 | 1,5 | 808,42 | 15,2 | 14,5 | 22,0 | 20,0 | | | |
| | 1,8 | 624 | 1,5 | 726,61 | 15,5 | 14,5 | 22,2 | 20,0 | | | |
| | 2,3 | 501 | 2,0 | 584,13 | 15,8 | 14,5 | 22,5 | 20,0 | | | |
| | 2,8 | 414 | 2,1 | 482,56 | 16,0 | 14,5 | 22,6 | 20,0 | | | |
| | 3,3 | 351 | 2,3 | 408,58 | 16,1 | 14,5 | 22,7 | 20,0 | | | |
| | 1,3 | 609 | 0,9 | 1064,71 | 7,3 | 12,0 | 12,2 | 15,0 | **SK 2282/02 - 63 S/4** | 37 | D64 |
| | 1,6 | 472 | 1,1 | 824,77 | 8,6 | 12,0 | 13,0 | 15,0 | | | D82 |
| | 1,1 | *548 | 0,8 | 763,41 | 8,0 | 12,0 | 12,6 | 15,0 | **SK 2382 - 63 L/6** | 36 | D65 |
| | 1,4 | *651 | 0,8 | 623,10 | 6,9 | 12,0 | 12,0 | 15,0 | | | |
| | 1,8 | *651 | 0,8 | 482,56 | 6,9 | 12,0 | 12,0 | 15,0 | | | |
| | 1,7 | *548 | 0,8 | 763,41 | 8,0 | 12,0 | 12,6 | 15,0 | **SK 2382 - 63 S/4** | 36 | D65 |
| | 2,1 | 535 | 1,0 | 623,10 | 8,1 | 12,0 | 12,7 | 15,0 | | | |
| | 2,8 | 414 | 1,3 | 482,56 | 8,9 | 12,0 | 13,2 | 15,0 | | | |
| | 3,4 | 336 | 1,6 | 390,93 | 9,4 | 12,0 | 13,5 | 15,0 | | | |
| | 4,0 | 284 | 2,0 | 330,45 | 9,6 | 12,0 | 13,7 | 15,0 | | | |
| | 4,8 | 237 | 2,3 | 276,27 | 9,7 | 12,0 | 13,8 | 15,0 | | | |
| | 5,7 | 203 | 2,3 | 236,11 | 9,8 | 12,0 | 13,9 | 15,0 | | | |
| | 1,0 | *362 | 0,8 | 1362,13 | 5,2 | 7,2 | 8,4 | 7,2 | **SK 1282/02 - 63 S/4** | 26 | D61 |
| | 1,3 | *362 | 0,8 | 1066,50 | 5,2 | 7,2 | 8,4 | 7,2 | | | D82 |
| | 1,6 | *362 | 0,8 | 826,23 | 5,2 | 7,2 | 8,4 | 7,2 | | | |
| | 2,0 | *362 | 0,8 | 663,69 | 5,2 | 7,2 | 8,4 | 7,2 | | | |
| | 2,4 | 313 | 0,9 | 546,50 | 5,7 | 7,2 | 8,8 | 7,2 | | | |
| | 3,3 | 232 | 1,2 | 405,75 | 6,3 | 7,2 | 9,2 | 7,2 | | | |
| | 7,9 | 145 | 1,4 | 109,50 | 6,7 | 7,2 | 9,5 | 7,2 | **SK 1282 - 63 L/6** | 18 | D61 |
| | 9,4 | 123 | 1,9 | 92,48 | 6,8 | 7,2 | 9,5 | 7,2 | | | |
| | 11 | 108 | 2,8 | 81,17 | 6,8 | 7,2 | 9,6 | 7,2 | | | |
| | 12 | 94 | 2,2 | 109,50 | 6,9 | 7,2 | 9,6 | 7,2 | **SK 1282 - 63 S/4** | 18 | D61 |
| | 14 | 79 | 2,9 | 92,48 | 6,9 | 7,2 | 9,6 | 7,2 | | | |
| | 16 | 70 | 4,2 | 81,17 | 6,9 | 7,2 | 9,6 | 7,2 | | | |
| 0,18 | 1,2 | 1077 | 2,8 | 1095,71 | 31,2 | 32,0 | 44,2 | 40,0 | **SK 5282/12 - 63 L/4** | 105 | D68 |
| | | | | | | | | | | | D82 |
| | 1,0 | 1321 | 1,4 | 1343,53 | 20,1 | 22,0 | 29,3 | 30,0 | **SK 4282/12 - 63 L/4** | 69 | D66 |
| | 1,2 | 1092 | 1,6 | 1110,82 | 20,8 | 22,0 | 29,8 | 30,0 | | | D82 |
| | 1,6 | 859 | 2,1 | 873,31 | 21,3 | 22,0 | 30,2 | 30,0 | | | |
| | 1,2 | 1478 | 1,0 | 782,32 | 19,5 | 22,0 | 28,9 | 30,0 | **SK 4382 - 71 S/6** | 75 | D67 |
| | 1,4 | 1236 | 1,0 | 654,27 | 20,3 | 22,0 | 29,5 | 30,0 | | | |
| | 1,7 | 1006 | 2,0 | 532,44 | 21,0 | 22,0 | 29,9 | 30,0 | | | |
| | 2,0 | 841 | 2,0 | 445,23 | 21,3 | 22,0 | 30,2 | 30,0 | | | |
| | 2,5 | 701 | 2,4 | 371,28 | 21,6 | 22,0 | 30,4 | 30,0 | | | |
| | 1,3 | 1050 | 0,9 | 1067,99 | 13,6 | 14,5 | 20,9 | 20,0 | **SK 3282/12 - 63 L/4** | 54 | D64 |
| | 1,6 | 839 | 1,1 | 853,43 | 14,7 | 14,5 | 21,6 | 20,0 | | | D82 |
| | 1,6 | 1103 | 0,9 | 584,13 | 13,2 | 14,5 | 20,7 | 20,0 | **SK 3382 - 71 S/6** | 53 | D65 |

* Maximum output torque with $f_B = 0,8$

IE1 Standard

# 0,18 kW
# 0,25 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,18** | 1,7 | 1022 | 1,0 | 808,42 | 13,7 | 14,5 | 21,0 | 20,0 | **SK 3382 - 63 L/4** | 52 | D65 |
| | 1,9 | 918 | 1,0 | 726,61 | 14,3 | 14,5 | 21,4 | 20,0 | | | |
| | 2,3 | 738 | 1,4 | 584,13 | 15,1 | 14,5 | 21,9 | 20,0 | | | |
| | 2,8 | 610 | 1,4 | 482,56 | 15,5 | 14,5 | 22,2 | 20,0 | | | |
| | 3,3 | 516 | 1,5 | 408,58 | 15,8 | 14,5 | 22,4 | 20,0 | | | |
| | 4,7 | 363 | 2,6 | 287,14 | 16,1 | 14,5 | 22,7 | 20,0 | | | |
| | 5,9 | 292 | 3,4 | 230,83 | 16,2 | 14,5 | 22,7 | 20,0 | | | |
| | 7,1 | 241 | 3,6 | 190,69 | 16,3 | 14,5 | 22,8 | 20,0 | | | |
| | 8,1 | 212 | 3,6 | 112,23 | 16,3 | 14,5 | 22,8 | 20,0 | **SK 3282 - 71 S/6** | 45 | D64 |
| | 2,1 | 652 | 0,8 | 662,92 | 6,9 | 12,0 | 11,9 | 15,0 | **SK 2282/02 - 63 L/4** | 37 | D62 |
| | 2,6 | 506 | 1,0 | 514,51 | 8,3 | 12,0 | 12,8 | 15,0 | | | D82 |
| | 2,8 | 610 | 0,9 | 482,56 | 7,3 | 12,0 | 12,2 | 15,0 | **SK 2382 - 63 L/4** | 36 | D63 |
| | 3,5 | 494 | 1,1 | 390,93 | 8,4 | 12,0 | 12,9 | 15,0 | | | |
| | 4,1 | 418 | 1,3 | 330,45 | 8,9 | 12,0 | 13,2 | 15,0 | | | |
| | 4,9 | 349 | 1,6 | 276,27 | 9,3 | 12,0 | 13,5 | 15,0 | | | |
| | 5,8 | 298 | 1,6 | 236,11 | 9,5 | 12,0 | 13,6 | 15,0 | | | |
| | 7,3 | 234 | 2,2 | 185,11 | 9,8 | 12,0 | 13,8 | 15,0 | | | |
| | 7,1 | 241 | 1,6 | 127,51 | 9,7 | 12,0 | 13,8 | 15,0 | **SK 2282 - 71 S/6** | 30 | D62 |
| | 8,7 | 197 | 2,0 | 104,07 | 9,9 | 12,0 | 13,9 | 15,0 | | | |
| | 9,0 | 191 | 2,3 | 100,98 | 9,9 | 12,0 | 13,9 | 15,0 | | | |
| | 8,3 | 207 | 1,0 | 109,50 | 6,4 | 7,2 | 9,3 | 7,2 | **SK 1282 - 71 S/6** | 19 | D61 |
| | 9,8 | 175 | 1,3 | 92,48 | 6,6 | 7,2 | 9,4 | 7,2 | | | |
| | 11 | 153 | 1,9 | 81,17 | 6,7 | 7,2 | 9,5 | 7,2 | | | |
| | 12 | 138 | 1,5 | 109,50 | 6,8 | 7,2 | 9,5 | 7,2 | **SK 1282 - 63 L/4** | 18 | D61 |
| | 15 | 117 | 2,0 | 92,48 | 6,8 | 7,2 | 9,5 | 7,2 | | | |
| | 17 | 103 | 2,9 | 81,17 | 6,7 | 7,2 | 9,6 | 7,2 | | | |
| | 21 | 84 | 3,2 | 66,23 | 6,3 | 7,2 | 9,6 | 7,2 | | | |
| **0,25** | 1,0 | 1940 | 1,5 | 1334,62 | 29,6 | 32,0 | 43,1 | 40,0 | **SK 5282/12 - 71 S/4** | 106 | D68 |
| | 1,3 | 1592 | 1,9 | 1095,71 | 30,4 | 32,0 | 43,6 | 40,0 | | | D82 |
| | 1,6 | 1253 | 2,4 | 862,46 | 31,0 | 32,0 | 44,0 | 40,0 | | | |
| | 2,0 | 1002 | 3,0 | 689,45 | 31,3 | 32,0 | 44,3 | 40,0 | | | |
| | 1,0 | 1952 | 0,9 | 1343,53 | 17,3 | 22,0 | 27,5 | 30,0 | **SK 4282/12 - 71 S/4** | 70 | D66 |
| | 1,2 | 1614 | 1,1 | 1110,82 | 19,0 | 22,0 | 28,6 | 30,0 | | | D82 |
| | 1,6 | 1269 | 1,4 | 873,31 | 20,2 | 22,0 | 29,4 | 30,0 | | | |
| | 2,0 | 1016 | 1,8 | 698,96 | 21,0 | 22,0 | 29,9 | 30,0 | | | |
| | 2,5 | 812 | 2,2 | 558,54 | 21,4 | 22,0 | 30,2 | 30,0 | | | |
| | 1,7 | 1382 | 1,4 | 532,44 | 19,9 | 22,0 | 29,2 | 30,0 | **SK 4382 - 71 L/6** | 76 | D67 |
| | 2,1 | 1155 | 1,4 | 445,23 | 20,6 | 22,0 | 29,7 | 30,0 | | | |
| | 2,5 | 964 | 1,7 | 371,28 | 21,1 | 22,0 | 30,0 | 30,0 | | | |
| | 1,2 | 1955 | 0,8 | 1129,91 | 17,3 | 22,0 | 27,5 | 30,0 | **SK 4382 - 71 S/4** | 75 | D67 |
| | 1,8 | 1353 | 1,1 | 782,32 | 20,0 | 22,0 | 29,2 | 30,0 | | | |
| | 2,6 | 921 | 2,2 | 532,44 | 21,2 | 22,0 | 30,1 | 30,0 | | | |
| | 3,1 | 770 | 2,2 | 445,23 | 21,5 | 22,0 | 30,3 | 30,0 | | | |
| | 3,5 | 676 | 3,0 | 390,76 | 21,6 | 22,0 | 30,4 | 30,0 | | | |
| | 4,2 | 565 | 3,3 | 326,81 | 21,8 | 22,0 | 30,5 | 30,0 | | | |
| | 5,1 | 472 | 3,3 | 272,54 | 21,9 | 22,0 | 30,6 | 30,0 | | | |
| | 1,9 | 1257 | 0,8 | 726,61 | 12,1 | 14,5 | 20,0 | 20,0 | **SK 3382 - 71 S/4** | 53 | D65 |
| | 2,4 | 1011 | 1,0 | 584,13 | 13,8 | 14,5 | 21,1 | 20,0 | | | |
| | 2,9 | 835 | 1,0 | 482,56 | 14,7 | 14,5 | 21,7 | 20,0 | | | |
| | 3,4 | 707 | 1,1 | 408,58 | 15,2 | 14,5 | 22,0 | 20,0 | | | |
| | 4,8 | 497 | 1,9 | 287,14 | 15,8 | 14,5 | 22,5 | 20,0 | | | |
| | 6,0 | 399 | 2,5 | 230,83 | 16,1 | 14,5 | 22,6 | 20,0 | | | |
| | 7,2 | 330 | 2,6 | 190,69 | 16,2 | 14,5 | 22,7 | 20,0 | | | |
| | 8,2 | 291 | 2,6 | 112,23 | 16,2 | 14,5 | 22,7 | 20,0 | **SK 3282 - 71 L/6** | 46 | D64 |
| | 9,1 | 262 | 3,1 | 100,88 | 16,3 | 14,5 | 22,8 | 20,0 | | | |

# 0,25 kW
# 0,37 kW

IE1 Standard

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,25** | 3,3 | 615 | 0,8 | 423,50 | 7,3 | 12,0 | 12,2 | 15,0 | **SK 2282/02 - 71 S/4** | 38 | D62<br>D82 |
| | 3,5<br>4,2<br>5,0<br>5,8<br>7,5 | 676<br>572<br>478<br>408<br>320 | 0,8<br>1,0<br>1,2<br>1,2<br>1,6 | 390,93<br>330,45<br>276,27<br>236,11<br>185,11 | 6,6<br>7,7<br>8,5<br>9,0<br>9,4 | 12,0<br>12,0<br>12,0<br>12,0<br>12,0 | 11,8<br>12,5<br>13,0<br>13,3<br>13,6 | 15,0<br>15,0<br>15,0<br>15,0<br>15,0 | **SK 2382 - 71 S/4** | 37 | D63 |
| | 7,2<br>8,8<br>9,1<br>11 | 331<br>270<br>262<br>214 | 1,1<br>1,5<br>1,7<br>2,2 | 127,51<br>104,07<br>100,98<br>82,42 | 9,4<br>9,6<br>9,7<br>9,8 | 12,0<br>12,0<br>12,0<br>12,0 | 13,6<br>13,7<br>13,8<br>13,9 | 15,0<br>15,0<br>15,0<br>15,0 | **SK 2282 - 71 L/6** | 31 | D62 |
| | 9,9<br>11 | 240<br>211 | 1,0<br>1,4 | 92,48<br>81,17 | 6,2<br>6,4 | 7,2<br>7,2 | 9,1<br>9,3 | 7,2<br>7,2 | **SK 1282 - 71 L/6** | 20 | D61 |
| | 13<br>15<br>17<br>19<br>21<br>23<br>25<br>28<br>30 | 189<br>160<br>140<br>125<br>115<br>102<br>96<br>85<br>80 | 1,1<br>1,5<br>2,1<br>2,4<br>2,4<br>2,8<br>2,5<br>3,1<br>2,5 | 109,50<br>92,48<br>81,17<br>72,17<br>66,23<br>58,89<br>55,39<br>49,25<br>46,19 | 6,5<br>6,6<br>6,4<br>6,2<br>6,1<br>5,9<br>5,8<br>5,6<br>5,5 | 7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2 | 9,3<br>9,4<br>9,5<br>9,5<br>9,6<br>9,6<br>9,6<br>9,6<br>9,6 | 7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2<br>7,2 | **SK 1282 - 71 S/4** | 19 | D61 |
| **0,37** | 1,0 | 3068 | 2,3 | 1343,50 | 57,4 | 58,0 | 81,3 | 80,0 | **SK 7382/22 - 71 L/4** | 270 | D73<br>D82 |
| | 1,1<br>1,2<br>1,7 | 2876<br>2522<br>1870 | 1,9<br>2,1<br>2,9 | 1259,27<br>1104,39<br>818,71 | 39,1<br>39,8<br>40,9 | 46,5<br>46,5<br>46,5 | 56,7<br>57,2<br>58,0 | 60,0<br>60,0<br>60,0 | **SK 6382/22 - 71 L/4** | 197 | D71<br>D82 |
| | 1,0<br>1,3<br>1,6<br>2,0 | 3048<br>2502<br>1970<br>1574 | 1,0<br>1,2<br>1,5<br>1,9 | 1334,62<br>1095,71<br>862,46<br>689,45 | 25,9<br>28,0<br>29,6<br>30,4 | 32,0<br>32,0<br>32,0<br>32,0 | 40,6<br>42,0<br>43,0<br>43,7 | 40,0<br>40,0<br>40,0<br>40,0 | **SK 5282/12 - 71 L/4** | 107 | D68<br>D82 |
| | 1,0<br>1,3<br>1,6<br>1,8<br>2,2<br>2,6<br>3,4 | 3558<br>2660<br>2166<br>1995<br>1625<br>1374<br>1026 | 0,8<br>1,2<br>1,3<br>1,6<br>2,0<br>2,0<br>2,6 | 936,45<br>700,03<br>570,18<br>525,20<br>427,79<br>361,69<br>269,99 | 23,3<br>27,5<br>29,0<br>29,5<br>30,3<br>30,8<br>31,3 | 32,0<br>32,0<br>32,0<br>32,0<br>32,0<br>32,0<br>32,0 | 39,0<br>41,6<br>42,7<br>43,0<br>43,6<br>43,9<br>44,3 | 40,0<br>40,0<br>40,0<br>40,0<br>40,0<br>40,0<br>40,0 | **SK 5382 - 80 S/6** | 118 | D69 |
| | 5,5<br>6,8 | 637<br>519 | 5,0<br>6,2 | 248,70<br>202,57 | 31,7<br>31,8 | 32,0<br>32,0 | 44,5<br>44,6 | 40,0<br>40,0 | **SK 5382 - 71 L/4** | 116 | D69 |
| | 1,6<br>2,0<br>2,5 | 1994<br>1596<br>1276 | 0,9<br>1,1<br>1,4 | 873,31<br>698,96<br>558,54 | 17,1<br>19,0<br>20,2 | 22,0<br>22,0<br>22,0 | 27,3<br>28,6<br>29,4 | 30,0<br>30,0<br>30,0 | **SK 4282/12 - 71 L/4** | 71 | D66<br>D82 |
| | 1,7<br>2,1<br>2,5 | 2023<br>1692<br>1411 | 1,0<br>1,0<br>1,2 | 532,44<br>445,23<br>371,28 | 16,9<br>18,6<br>19,8 | 22,0<br>22,0<br>22,0 | 27,2<br>28,3<br>29,1 | 30,0<br>30,0<br>30,0 | **SK 4382 - 80 S/6** | 78 | D67 |
| | 2,6<br>3,1<br>3,5<br>4,2<br>5,1<br>7,2<br>8,6 | 1363<br>1140<br>1001<br>837<br>698<br>491<br>410 | 1,5<br>1,5<br>2,0<br>2,3<br>2,3<br>4,1<br>4,0 | 532,44<br>445,23<br>390,76<br>326,81<br>272,54<br>191,57<br>160,20 | 19,9<br>20,6<br>21,0<br>21,3<br>21,6<br>21,9<br>22,0 | 22,0<br>22,0<br>22,0<br>22,0<br>22,0<br>22,0<br>22,0 | 29,2<br>29,7<br>29,9<br>30,2<br>30,4<br>30,6<br>30,6 | 30,0<br>30,0<br>30,0<br>30,0<br>30,0<br>30,0<br>30,0 | **SK 4382 - 71 L/4** | 76 | D67 |
| | 2,6<br>3,0 | 1189<br>1055 | 0,8<br>0,9 | 520,83<br>461,81 | 12,6<br>13,5 | 14,5<br>14,5 | 20,3<br>20,9 | 20,0<br>20,0 | **SK 3282/12 - 71 L/4** | 56 | D64<br>D82 |

IE1 Standard

# 0,37 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,37** | 3,4 | 1046 | 0,8 | 408,58 | 13,6 | 14,5 | 20,9 | 20,0 | **SK 3382 - 71 L/4** | 54 | D65 |
| | 4,8 | 735 | 1,3 | 287,14 | 15,1 | 14,5 | 21,9 | 20,0 | | | |
| | 6,0 | 591 | 1,7 | 230,83 | 15,6 | 14,5 | 22,3 | 20,0 | | | |
| | 7,2 | 488 | 1,8 | 190,69 | 15,9 | 14,5 | 22,5 | 20,0 | | | |
| | 8,5 | 413 | 1,9 | 161,46 | 16,0 | 14,5 | 22,6 | 20,0 | | | |
| | 8,3 | 426 | 1,8 | 112,23 | 16,0 | 14,5 | 22,6 | 20,0 | **SK 3282 - 80 S/6** | 48 | D64 |
| | 9,2 | 383 | 2,1 | 100,88 | 16,1 | 14,5 | 22,6 | 20,0 | | | |
| | 10 | 337 | 2,8 | 88,74 | 15,9 | 14,5 | 22,7 | 20,0 | | | |
| | 12 | 303 | 2,8 | 79,76 | 15,4 | 14,5 | 22,7 | 20,0 | | | |
| | 13 | 268 | 2,1 | 70,56 | 14,9 | 14,5 | 22,8 | 20,0 | | | |
| | 14 | 258 | 3,1 | 100,88 | 14,7 | 14,5 | 22,8 | 20,0 | **SK 3282 - 71 L/4** | 46 | D64 |
| | 4,8 | 657 | 0,8 | 287,51 | 6,8 | 12,0 | 11,9 | 15,0 | **SK 2282/02 - 71 L/4** | 39 | D62<br>D82 |
| | 5,0 | 707 | 0,8 | 276,27 | 6,1 | 12,0 | 11,5 | 15,0 | **SK 2382 - 71 L/4** | 38 | D63 |
| | 5,8 | 605 | 0,8 | 236,11 | 7,4 | 12,0 | 12,3 | 15,0 | | | |
| | 7,5 | 474 | 1,1 | 185,11 | 8,6 | 12,0 | 13,0 | 15,0 | | | |
| | 9,2 | 384 | 1,4 | 149,96 | 9,1 | 12,0 | 13,4 | 15,0 | | | |
| | 7,3 | 484 | 0,8 | 127,51 | 8,5 | 12,0 | 12,9 | 15,0 | **SK 2282 - 80 S/6** | 33 | D62 |
| | 8,9 | 395 | 1,0 | 104,07 | 9,1 | 12,0 | 13,3 | 15,0 | | | |
| | 9,2 | 384 | 1,1 | 100,98 | 9,1 | 12,0 | 13,4 | 15,0 | | | |
| | 11 | 313 | 1,5 | 82,42 | 9,5 | 12,0 | 13,6 | 15,0 | | | |
| | 13 | 265 | 1,7 | 69,67 | 9,6 | 12,0 | 13,7 | 15,0 | | | |
| | 15 | 243 | 2,1 | 63,83 | 9,7 | 12,0 | 13,8 | 15,0 | | | |
| | 17 | 205 | 2,5 | 53,96 | 9,8 | 12,0 | 13,9 | 15,0 | | | |
| | 14 | 259 | 1,7 | 100,98 | 9,7 | 12,0 | 13,8 | 15,0 | **SK 2282 - 71 L/4** | 31 | D62 |
| | 11 | 308 | 1,0 | 81,17 | 5,7 | 7,2 | 8,8 | 7,2 | **SK 1282 - 80 S/6** | 22 | D61 |
| | 15 | 237 | 1,0 | 92,48 | 6,2 | 7,2 | 9,2 | 7,2 | **SK 1282 - 71 L/4** | 20 | D61 |
| | 17 | 208 | 1,4 | 81,17 | 6,0 | 7,2 | 9,3 | 7,2 | | | |
| | 19 | 185 | 1,6 | 72,17 | 5,9 | 7,2 | 9,4 | 7,2 | | | |
| | 21 | 170 | 1,6 | 66,23 | 5,8 | 7,2 | 9,4 | 7,2 | | | |
| | 23 | 151 | 1,9 | 58,89 | 5,6 | 7,2 | 9,5 | 7,2 | | | |
| | 25 | 142 | 1,7 | 55,39 | 5,5 | 7,2 | 9,5 | 7,2 | | | |
| | 28 | 126 | 2,1 | 49,25 | 5,4 | 7,2 | 9,5 | 7,2 | | | |
| | 30 | 118 | 1,7 | 46,19 | 5,2 | 7,2 | 9,5 | 7,2 | | | |
| | 34 | 105 | 2,1 | 41,07 | 5,1 | 7,2 | 9,6 | 7,2 | | | |
| | 43 | 82 | 2,8 | 32,08 | 4,8 | 7,2 | 9,6 | 7,2 | | | |
| | 49 | 73 | 3,1 | 28,33 | 4,7 | 7,2 | 9,6 | 7,2 | | | |
| | 55 | 65 | 3,5 | 25,22 | 4,5 | 7,2 | 9,6 | 7,2 | | | |

# 0,55 kW

IE2

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,55 | 1,0 | 4688 | 2,6 | 1366,83 | 92,0 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 80 SH/4** | 409 | D75 |
| | 1,3 | 3653 | 3,3 | 1064,91 | 92,7 | 73,0 | 100,0 | 100,0 | | | D82 |
| | 1,1 | 4608 | 1,5 | 1343,50 | 55,2 | 58,0 | 79,8 | 80,0 | **SK 7382/22 - 80 SH/4** | 273 | D73 |
| | 1,4 | 3588 | 2,0 | 1046,18 | 56,8 | 58,0 | 80,9 | 80,0 | | | D82 |
| | 1,5 | 3203 | 2,2 | 933,91 | 57,3 | 58,0 | 81,2 | 80,0 | | | |
| | 2,0 | 2450 | 2,9 | 714,31 | 58,0 | 58,0 | 81,8 | 80,0 | | | |
| | 1,1 | 4319 | 1,3 | 1259,27 | 34,7 | 46,5 | 53,8 | 60,0 | **SK 6382/22 - 80 SH/4** | 200 | D71 |
| | 1,3 | 3788 | 1,4 | 1104,39 | 36,6 | 46,5 | 55,0 | 60,0 | | | D82 |
| | 1,7 | 2808 | 1,9 | 818,71 | 39,2 | 46,5 | 56,8 | 60,0 | | | |
| | 2,2 | 2187 | 2,5 | 637,53 | 40,4 | 46,5 | 57,7 | 60,0 | | | |
| | 2,5 | 1952 | 2,8 | 569,11 | 40,8 | 46,5 | 57,9 | 60,0 | | | |
| | 1,3 | 3758 | 0,8 | 1095,71 | 22,1 | 32,0 | 38,3 | 40,0 | **SK 5282/12 - 80 SH/4** | 110 | D68 |
| | 1,6 | 2958 | 1,0 | 862,46 | 26,3 | 32,0 | 40,9 | 40,0 | | | D82 |
| | 2,1 | 2365 | 1,3 | 689,45 | 28,5 | 32,0 | 42,3 | 40,0 | | | |
| | 2,6 | 1890 | 1,6 | 550,94 | 29,8 | 32,0 | 43,2 | 40,0 | | | |
| | 3,2 | 1537 | 2,0 | 448,15 | 30,5 | 32,0 | 43,7 | 40,0 | | | |
| | 1,5 | 3464 | 0,8 | 936,45 | 23,9 | 32,0 | 39,3 | 40,0 | **SK 5382 - 80 SH/4** | 119 | D69 |
| | 2,0 | 2589 | 1,2 | 700,03 | 27,7 | 32,0 | 41,8 | 40,0 | | | |
| | 2,5 | 2109 | 1,3 | 570,18 | 29,2 | 32,0 | 42,8 | 40,0 | | | |
| | 2,7 | 1943 | 1,6 | 525,20 | 29,6 | 32,0 | 43,1 | 40,0 | | | |
| | 3,3 | 1582 | 2,0 | 427,79 | 30,4 | 32,0 | 43,7 | 40,0 | | | |
| | 3,9 | 1338 | 2,1 | 361,69 | 30,9 | 32,0 | 44,0 | 40,0 | | | |
| | 4,3 | 1226 | 2,6 | 331,48 | 31,0 | 32,0 | 44,1 | 40,0 | | | |
| | 5,3 | 999 | 2,7 | 269,99 | 31,3 | 32,0 | 44,3 | 40,0 | | | |
| | 2,0 | 2397 | 0,8 | 698,96 | 14,2 | 22,0 | 25,7 | 30,0 | **SK 4282/12 - 80 SH/4** | 74 | D66 |
| | 2,5 | 1916 | 0,9 | 558,54 | 17,5 | 22,0 | 27,6 | 30,0 | | | D82 |
| | 2,7 | 1969 | 1,0 | 532,44 | 17,2 | 22,0 | 27,4 | 30,0 | **SK 4382 - 80 SH/4** | 79 | D67 |
| | 3,2 | 1647 | 1,0 | 445,23 | 18,8 | 22,0 | 28,5 | 30,0 | | | |
| | 3,4 | 1525 | 1,3 | 412,38 | 19,3 | 22,0 | 28,8 | 30,0 | | | |
| | 3,6 | 1445 | 1,4 | 390,76 | 19,6 | 22,0 | 29,0 | 30,0 | | | |
| | 4,1 | 1276 | 1,3 | 344,84 | 20,2 | 22,0 | 29,4 | 30,0 | | | |
| | 4,3 | 1209 | 1,6 | 326,81 | 20,4 | 22,0 | 29,6 | 30,0 | | | |
| | 4,7 | 1119 | 1,9 | 302,65 | 20,7 | 22,0 | 29,7 | 30,0 | | | |
| | 5,2 | 1008 | 1,6 | 272,54 | 21,0 | 22,0 | 29,9 | 30,0 | | | |
| | 5,6 | 936 | 2,1 | 253,12 | 21,1 | 22,0 | 30,0 | 30,0 | | | |
| | 6,7 | 781 | 2,1 | 211,09 | 21,5 | 22,0 | 30,3 | 30,0 | | | |
| | 7,4 | 709 | 2,8 | 191,57 | 21,6 | 22,0 | 30,4 | 30,0 | | | |
| | 8,9 | 593 | 2,8 | 160,20 | 21,8 | 22,0 | 30,5 | 30,0 | | | |
| | 10 | 520 | 3,8 | 140,60 | 21,8 | 22,0 | 30,5 | 30,0 | | | |
| | 12 | 438 | 4,6 | 118,38 | 21,9 | 22,0 | 30,6 | 30,0 | | | |
| | 4,9 | 1062 | 0,9 | 287,14 | 13,5 | 14,5 | 20,9 | 20,0 | **SK 3382 - 80 SH/4** | 57 | D65 |
| | 6,2 | 854 | 1,2 | 230,83 | 14,6 | 14,5 | 21,6 | 20,0 | | | |
| | 7,4 | 705 | 1,2 | 190,69 | 15,2 | 14,5 | 22,0 | 20,0 | | | |
| | 8,8 | 597 | 1,3 | 161,46 | 15,6 | 14,5 | 22,3 | 20,0 | | | |
| | 11 | 470 | 1,6 | 126,93 | 14,9 | 14,5 | 22,5 | 20,0 | | | |
| | 14 | 385 | 1,9 | 104,05 | 14,1 | 14,5 | 22,6 | 20,0 | | | |
| | 13 | 415 | 1,9 | 112,23 | 14,5 | 14,5 | 22,6 | 20,0 | **SK 3282 - 80 SH/4** | 49 | D64 |
| | 14 | 373 | 2,2 | 100,88 | 14,1 | 14,5 | 22,6 | 20,0 | | | |
| | 16 | 328 | 2,9 | 88,74 | 13,6 | 14,5 | 22,7 | 20,0 | | | |
| | 18 | 295 | 2,9 | 79,76 | 13,3 | 14,5 | 22,7 | 20,0 | | | |
| | 20 | 261 | 2,2 | 70,56 | 12,8 | 14,5 | 22,8 | 20,0 | | | |
| | 7,7 | 685 | 0,8 | 185,11 | 6,4 | 12,0 | 11,7 | 15,0 | **SK 2382 - 80 SH/4** | 41 | D63 |
| | 9,5 | 555 | 0,9 | 149,96 | 7,9 | 12,0 | 12,6 | 15,0 | | | |
| | 11 | 488 | 1,1 | 131,86 | 8,4 | 12,0 | 12,9 | 15,0 | | | |
| | 12 | 430 | 1,2 | 116,35 | 8,8 | 12,0 | 13,2 | 15,0 | | | |

IE2
IE3

**0,55 kW**
**0,75 kW**

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,55** | 11 | 472 | 0,8 | 127,51 | 8,6 | 12,0 | 13,0 | 15,0 | **SK 2282 - 80 SH/4** | 34 | D62 |
| | 14 | 374 | 1,2 | 100,98 | 9,2 | 12,0 | 13,4 | 15,0 | | | |
| | 17 | 305 | 1,6 | 82,42 | 9,5 | 12,0 | 13,6 | 15,0 | | | |
| | 20 | 258 | 1,7 | 69,67 | 9,7 | 12,0 | 13,8 | 15,0 | | | |
| | 22 | 236 | 2,2 | 63,83 | 9,7 | 12,0 | 13,8 | 15,0 | | | |
| | 26 | 200 | 2,5 | 53,96 | 9,9 | 12,0 | 13,9 | 15,0 | | | |
| | 31 | 167 | 2,7 | 45,11 | 9,9 | 12,0 | 13,9 | 15,0 | | | |
| | 17 | 300 | 1,0 | 81,17 | 5,4 | 7,2 | 8,8 | 7,2 | **SK 1282 - 80 SH/4** | 23 | D61 |
| | 20 | 267 | 1,1 | 72,17 | 5,3 | 7,2 | 9,0 | 7,2 | | | |
| | 21 | 245 | 1,1 | 66,23 | 5,3 | 7,2 | 9,1 | 7,2 | | | |
| | 24 | 218 | 1,3 | 58,89 | 5,2 | 7,2 | 9,2 | 7,2 | | | |
| | 26 | 205 | 1,1 | 55,39 | 5,1 | 7,2 | 9,3 | 7,2 | | | |
| | 29 | 182 | 1,4 | 49,25 | 5,0 | 7,2 | 9,4 | 7,2 | | | |
| | 31 | 171 | 1,1 | 46,19 | 4,9 | 7,2 | 9,4 | 7,2 | | | |
| | 35 | 152 | 1,4 | 41,07 | 4,8 | 7,2 | 9,5 | 7,2 | | | |
| | 44 | 119 | 1,9 | 32,08 | 4,6 | 7,2 | 9,5 | 7,2 | | | |
| | 50 | 105 | 2,1 | 28,33 | 4,4 | 7,2 | 9,6 | 7,2 | | | |
| | 56 | 93 | 2,4 | 25,22 | 4,3 | 7,2 | 9,6 | 7,2 | | | |
| | 69 | 76 | 3,0 | 20,57 | 4,1 | 7,2 | 9,6 | 7,2 | | | |
| **0,75** | 1,0 | 6531 | 1,9 | 1366,83 | 90,4 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 80 LP/4** | 410 | D75<br>D82 |
| | 1,3 | 5088 | 2,4 | 1064,91 | 91,7 | 73,0 | 100,0 | 100,0 | | | |
| | 1,6 | 4260 | 2,8 | 891,21 | 92,3 | 73,0 | 100,0 | 100,0 | | | |
| | 1,1 | 6432 | 1,1 | 1343,50 | 51,2 | 58,0 | 77,1 | 80,0 | **SK 7382/22 - 80 LP/4** | 274 | D73<br>D82 |
| | 1,4 | 4993 | 1,4 | 1046,18 | 54,5 | 58,0 | 79,3 | 80,0 | | | |
| | 1,5 | 4467 | 1,6 | 933,91 | 55,4 | 58,0 | 79,9 | 80,0 | | | |
| | 2,0 | 3403 | 2,1 | 714,31 | 57,0 | 58,0 | 81,0 | 80,0 | | | |
| | 1,1 | 6041 | 0,9 | 1259,27 | 25,6 | 46,5 | 48,4 | 60,0 | **SK 6382/22 - 80 LP/4** | 201 | D71<br>D82 |
| | 1,3 | 5293 | 1,0 | 1104,39 | 30,2 | 46,5 | 51,0 | 60,0 | | | |
| | 1,7 | 3934 | 1,4 | 818,71 | 36,1 | 46,5 | 54,7 | 60,0 | | | |
| | 2,2 | 3054 | 1,8 | 637,53 | 38,6 | 46,5 | 56,4 | 60,0 | | | |
| | 2,5 | 2732 | 2,0 | 569,11 | 39,4 | 46,5 | 56,9 | 60,0 | | | |
| | 3,3 | 2082 | 2,6 | 435,29 | 40,6 | 46,5 | 57,8 | 60,0 | | | |
| | 4,1 | 1673 | 3,2 | 347,33 | 41,2 | 46,5 | 58,2 | 60,0 | | | |
| | 4,7 | 1438 | 3,8 | 298,46 | 41,5 | 46,5 | 58,4 | 60,0 | | | |
| | 2,1 | 3302 | 0,9 | 689,45 | 24,7 | 32,0 | 39,9 | 40,0 | **SK 5282/12 - 80 LP/4** | 111 | D68<br>D82 |
| | 2,6 | 2633 | 1,1 | 550,94 | 27,5 | 32,0 | 41,7 | 40,0 | | | |
| | 3,2 | 2147 | 1,4 | 448,15 | 29,1 | 32,0 | 42,7 | 40,0 | | | |
| | 4,2 | 1621 | 1,9 | 338,35 | 30,3 | 32,0 | 43,6 | 40,0 | | | |
| | 2,0 | 3541 | 0,9 | 700,03 | 23,4 | 32,0 | 39,1 | 40,0 | **SK 5382 - 80 LP/4** | 120 | D69 |
| | 2,5 | 2888 | 1,0 | 570,18 | 26,6 | 32,0 | 41,1 | 40,0 | | | |
| | 2,7 | 2656 | 1,2 | 525,20 | 27,5 | 32,0 | 41,6 | 40,0 | | | |
| | 3,3 | 2166 | 1,5 | 427,79 | 29,0 | 32,0 | 42,7 | 40,0 | | | |
| | 3,9 | 1830 | 1,5 | 361,69 | 29,9 | 32,0 | 43,3 | 40,0 | | | |
| | 4,3 | 1678 | 1,9 | 331,48 | 30,2 | 32,0 | 43,5 | 40,0 | | | |
| | 5,2 | 1369 | 2,0 | 269,99 | 30,8 | 32,0 | 43,9 | 40,0 | | | |
| | 5,7 | 1259 | 2,5 | 248,70 | 31,0 | 32,0 | 44,0 | 40,0 | | | |
| | 7,0 | 1026 | 3,1 | 202,57 | 31,3 | 32,0 | 44,3 | 40,0 | | | |
| | 3,4 | 2089 | 1,0 | 412,38 | 16,5 | 22,0 | 27,0 | 30,0 | **SK 4382 - 80 LP/4** | 80 | D67 |
| | 3,6 | 1980 | 1,0 | 390,76 | 17,1 | 22,0 | 27,4 | 30,0 | | | |
| | 4,1 | 1745 | 1,0 | 344,84 | 18,4 | 22,0 | 28,2 | 30,0 | | | |
| | 4,3 | 1654 | 1,1 | 326,81 | 18,8 | 22,0 | 28,5 | 30,0 | | | |
| | 4,7 | 1533 | 1,4 | 302,65 | 19,3 | 22,0 | 28,8 | 30,0 | | | |
| | 5,2 | 1379 | 1,1 | 272,54 | 19,9 | 22,0 | 29,2 | 30,0 | | | |
| | 5,6 | 1281 | 1,5 | 253,12 | 20,2 | 22,0 | 29,4 | 30,0 | | | |
| | 6,7 | 1068 | 1,5 | 211,09 | 20,8 | 22,0 | 29,8 | 30,0 | | | |
| | 7,4 | 969 | 2,1 | 191,57 | 21,1 | 22,0 | 30,0 | 30,0 | | | |
| | 8,8 | 810 | 2,0 | 160,20 | 21,4 | 22,0 | 30,2 | 30,0 | | | |
| | 10 | 712 | 2,8 | 140,60 | 21,6 | 22,0 | 30,4 | 30,0 | | | |
| | 12 | 600 | 3,3 | 118,38 | 21,4 | 22,0 | 30,5 | 30,0 | | | |
| | 14 | 526 | 3,8 | 103,82 | 20,6 | 22,0 | 30,5 | 30,0 | | | |
| | 16 | 439 | 4,5 | 86,83 | 19,6 | 22,0 | 30,6 | 30,0 | | | |

# 0,75 kW
# 1,10 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 6,1 | 1168 | 0,9 | 230,83 | 12,8 | 14,5 | 20,4 | 20,0 | **SK 3382 - 80 LP/4** | 58 | D65 |
| | 7,4 | 965 | 0,9 | 190,69 | 14,1 | 14,5 | 21,2 | 20,0 | | | |
| | 8,8 | 817 | 1,0 | 161,46 | 14,8 | 14,5 | 21,7 | 20,0 | | | |
| | 11 | 643 | 1,2 | 126,93 | 14,1 | 14,5 | 22,2 | 20,0 | | | |
| | 14 | 526 | 1,4 | 104,05 | 13,5 | 14,5 | 22,4 | 20,0 | | | |
| | 16 | 453 | 1,4 | 89,60 | 13,0 | 14,5 | 22,5 | 20,0 | | | |
| | 13 | 568 | 1,4 | 112,23 | 13,9 | 14,5 | 22,3 | 20,0 | **SK 3282 - 80 LP/4** | 50 | D64 |
| | 14 | 510 | 1,6 | 100,88 | 13,6 | 14,5 | 22,4 | 20,0 | | | |
| | 16 | 449 | 2,1 | 88,74 | 13,2 | 14,5 | 22,5 | 20,0 | | | |
| | 18 | 404 | 2,1 | 79,76 | 12,8 | 14,5 | 22,6 | 20,0 | | | |
| | 20 | 357 | 1,6 | 70,56 | 12,3 | 14,5 | 22,7 | 20,0 | | | |
| | 21 | 334 | 2,3 | 65,89 | 12,2 | 14,5 | 22,7 | 20,0 | | | |
| | 25 | 282 | 2,3 | 55,79 | 11,6 | 14,5 | 22,6 | 20,0 | | | |
| | 29 | 243 | 2,3 | 48,04 | 11,1 | 14,5 | 21,7 | 20,0 | | | |
| | 34 | 213 | 4,4 | 42,02 | 10,8 | 14,5 | 21,0 | 20,0 | | | |
| | 11 | 667 | 0,8 | 131,86 | 6,7 | 12,0 | 11,8 | 15,0 | **SK 2382 - 80 LP/4** | 42 | D63 |
| | 12 | 589 | 0,9 | 116,35 | 7,6 | 12,0 | 12,4 | 15,0 | | | |
| | 14 | 498 | 1,1 | 98,35 | 8,4 | 12,0 | 12,9 | 15,0 | | | |
| | 17 | 416 | 1,3 | 82,22 | 8,9 | 12,0 | 13,2 | 15,0 | | | |
| | 20 | 351 | 1,6 | 82,22 | 9,3 | 12,0 | 13,5 | 15,0 | | | |
| | 14 | 511 | 0,9 | 100,98 | 8,3 | 12,0 | 12,8 | 15,0 | **SK 2282 - 80 LP/4** | 35 | D62 |
| | 17 | 417 | 1,1 | 82,42 | 8,9 | 12,0 | 13,2 | 15,0 | | | |
| | 20 | 353 | 1,3 | 69,67 | 9,3 | 12,0 | 13,5 | 15,0 | | | |
| | 22 | 323 | 1,6 | 63,83 | 9,4 | 12,0 | 13,6 | 15,0 | | | |
| | 26 | 273 | 1,9 | 53,96 | 9,6 | 12,0 | 13,7 | 15,0 | | | |
| | 31 | 228 | 2,0 | 45,11 | 9,8 | 12,0 | 13,8 | 15,0 | | | |
| | 38 | 188 | 2,4 | 37,18 | 9,3 | 12,0 | 13,9 | 15,0 | | | |
| | 48 | 150 | 3,3 | 29,65 | 8,8 | 12,0 | 14,0 | 15,0 | | | |
| | 53 | 136 | 3,2 | 26,83 | 8,5 | 12,0 | 14,0 | 15,0 | | | |
| | 57 | 126 | 3,9 | 24,97 | 8,3 | 12,0 | 14,0 | 15,0 | | | |
| | 59 | 121 | 3,6 | 23,96 | 8,3 | 12,0 | 14,0 | 15,0 | | | |
| | 65 | 111 | 4,3 | 21,90 | 8,0 | 12,0 | 14,0 | 15,0 | | | |
| | 20 | 365 | 0,8 | 72,17 | 4,8 | 7,2 | 8,4 | 7,2 | **SK 1282 - 80 LP/4** | 24 | D61 |
| | 21 | 335 | 0,8 | 66,23 | 4,7 | 7,2 | 8,6 | 7,2 | | | |
| | 24 | 298 | 0,9 | 58,89 | 4,7 | 7,2 | 8,9 | 7,2 | | | |
| | 26 | 280 | 0,8 | 55,39 | 4,6 | 7,2 | 8,9 | 7,2 | | | |
| | 29 | 249 | 1,0 | 49,25 | 4,6 | 7,2 | 9,1 | 7,2 | | | |
| | 31 | 234 | 0,8 | 46,19 | 4,5 | 7,2 | 9,2 | 7,2 | | | |
| | 34 | 208 | 1,0 | 41,07 | 4,4 | 7,2 | 9,3 | 7,2 | | | |
| | 44 | 162 | 1,4 | 32,08 | 4,3 | 7,2 | 9,4 | 7,2 | | | |
| | 50 | 143 | 1,6 | 28,33 | 4,2 | 7,2 | 9,5 | 7,2 | | | |
| | 56 | 128 | 1,8 | 25,22 | 4,1 | 7,2 | 9,5 | 7,2 | | | |
| | 69 | 104 | 2,2 | 20,57 | 3,9 | 7,2 | 9,6 | 7,2 | | | |
| | 82 | 87,1 | 2,6 | 17,21 | 3,8 | 7,2 | 9,6 | 7,2 | | | |
| | 100 | 71,3 | 2,9 | 14,11 | 3,6 | 7,2 | 9,6 | 7,2 | | | |
| | 120 | 59,4 | 3,4 | 11,76 | 3,4 | 6,7 | 9,6 | 7,2 | | | |
| | 137 | 52,4 | 3,7 | 10,34 | 3,3 | 6,4 | 9,3 | 7,2 | | | |
| | 154 | 46,4 | 4,1 | 9,18 | 3,2 | 6,1 | 9,0 | 7,2 | | | |
| | 172 | 41,7 | 4,6 | 8,24 | 3,1 | 5,8 | 8,7 | 7,2 | | | |
| | 173 | 41,4 | 3,9 | 8,21 | 3,1 | 5,9 | 8,7 | 7,2 | | | |
| | 195 | 36,7 | 5,1 | 7,24 | 2,9 | 5,6 | 8,4 | 7,2 | | | |
| | 220 | 32,5 | 5,6 | 6,43 | 2,8 | 5,3 | 8,1 | 7,2 | | | |
| | 259 | 27,7 | 6,2 | 5,47 | 2,7 | 5,0 | 7,8 | 7,2 | | | |
| | 296 | 24,2 | 5,3 | 4,79 | 2,6 | 4,8 | 7,5 | 7,2 | | | |
| 1,10 | 1,0 | 10410 | 2,3 | 1419,20 | 120,0 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 90 SP/4** | 732 | D77 D82 |
| | 1,2 | 8648 | 2,8 | 1178,81 | 120,0 | 102,0 | 120,0 | 130,0 | | | |
| | 1,6 | 6506 | 3,7 | 886,49 | 114,1 | 102,0 | 120,0 | 130,0 | | | |
| | 1,0 | 10010 | 1,2 | 1366,83 | 85,7 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 90 SP/4** | 415 | D75 D82 |
| | 1,3 | 7800 | 1,6 | 1064,91 | 88,9 | 73,0 | 100,0 | 100,0 | | | |
| | 1,6 | 6531 | 1,9 | 891,21 | 90,4 | 73,0 | 100,0 | 100,0 | | | |
| | 2,0 | 5264 | 2,3 | 718,43 | 91,6 | 73,0 | 100,0 | 100,0 | | | |
| | 2,3 | 4481 | 2,7 | 612,94 | 92,2 | 73,0 | 100,0 | 100,0 | | | |

IE3

# 1,10 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 1,4 | 7654 | 0,9 | 1046,18 | 47,6 | 58,0 | 74,7 | 80,0 | **SK 7382/22 - 90 SP/4** | 279 | D73 D82 |
| | 1,5 | 6848 | 1,0 | 933,91 | 50,1 | 58,0 | 76,4 | 80,0 | | | |
| | 2,0 | 5217 | 1,4 | 714,31 | 54,0 | 58,0 | 79,0 | 80,0 | | | |
| | 2,5 | 4192 | 1,7 | 569,97 | 55,9 | 58,0 | 80,3 | 80,0 | | | |
| | 3,3 | 3194 | 2,2 | 435,50 | 57,3 | 58,0 | 81,2 | 80,0 | | | |
| | 1,7 | 6031 | 0,9 | 818,71 | 25,9 | 46,5 | 48,6 | 60,0 | **SK 6382/22 - 90 SP/4** | 206 | D71 D82 |
| | 2,2 | 4682 | 1,2 | 637,53 | 33,3 | 46,5 | 52,9 | 60,0 | | | |
| | 2,5 | 4189 | 1,3 | 569,11 | 35,3 | 46,5 | 54,2 | 60,0 | | | |
| | 3,3 | 3191 | 1,7 | 435,29 | 38,3 | 46,5 | 56,2 | 60,0 | | | |
| | 2,6 | 4056 | 1,3 | 551,58 | 35,7 | 46,5 | 54,5 | 60,0 | **SK 6382 - 90 SP/4** | 187 | D71 |
| | 3,2 | 3275 | 1,3 | 445,09 | 38,1 | 46,5 | 56,1 | 60,0 | | | |
| | 3,6 | 2890 | 2,0 | 393,19 | 39,0 | 46,5 | 56,7 | 60,0 | | | |
| | 4,5 | 2333 | 2,4 | 317,28 | 40,2 | 46,5 | 57,5 | 60,0 | | | |
| | 5,7 | 1848 | 2,4 | 251,76 | 41,0 | 46,5 | 58,0 | 60,0 | | | |
| | 6,3 | 1659 | 2,4 | 225,79 | 41,2 | 46,5 | 58,2 | 60,0 | | | |
| | 2,7 | 3855 | 0,8 | 525,20 | 21,5 | 32,0 | 38,0 | 40,0 | **SK 5382 - 90 SP/4** | 125 | D69 |
| | 3,3 | 3144 | 1,0 | 427,79 | 25,5 | 32,0 | 40,4 | 40,0 | | | |
| | 4,0 | 2656 | 1,1 | 361,69 | 27,5 | 32,0 | 41,7 | 40,0 | | | |
| | 4,3 | 2435 | 1,3 | 331,48 | 28,2 | 32,0 | 42,2 | 40,0 | | | |
| | 5,3 | 1986 | 1,4 | 269,99 | 29,5 | 32,0 | 43,0 | 40,0 | | | |
| | 5,8 | 1827 | 1,8 | 248,70 | 29,9 | 32,0 | 43,3 | 40,0 | | | |
| | 7,1 | 1490 | 2,1 | 202,57 | 30,6 | 32,0 | 43,8 | 40,0 | | | |
| | 8,3 | 1259 | 2,2 | 171,27 | 31,0 | 32,0 | 44,0 | 40,0 | | | |
| | 9,3 | 1130 | 2,8 | 153,92 | 31,2 | 32,0 | 44,2 | 40,0 | | | |
| | 10 | 1019 | 3,1 | 138,82 | 30,7 | 32,0 | 44,3 | 40,0 | | | |
| | 11 | 985 | 2,7 | 134,03 | 30,6 | 32,0 | 44,3 | 40,0 | **SK 5282 - 90 SP/4** | 106 | D68 |
| | 14 | 736 | 3,0 | 100,19 | 28,2 | 32,0 | 44,5 | 40,0 | | | |
| | 4,4 | 2401 | 0,8 | 326,81 | 14,3 | 22,0 | 25,7 | 30,0 | **SK 4382 - 90 SP/4** | 85 | D67 |
| | 4,7 | 2225 | 0,9 | 302,65 | 15,6 | 22,0 | 26,5 | 30,0 | | | |
| | 5,2 | 2002 | 0,8 | 272,54 | 17,0 | 22,0 | 27,3 | 30,0 | | | |
| | 5,6 | 1859 | 1,1 | 253,12 | 17,8 | 22,0 | 27,8 | 30,0 | | | |
| | 6,8 | 1550 | 1,1 | 211,09 | 19,2 | 22,0 | 28,8 | 30,0 | | | |
| | 7,5 | 1407 | 1,4 | 191,57 | 19,8 | 22,0 | 29,1 | 30,0 | | | |
| | 8,9 | 1175 | 1,4 | 160,20 | 20,5 | 22,0 | 29,6 | 30,0 | | | |
| | 10 | 1033 | 1,9 | 140,60 | 20,9 | 22,0 | 29,9 | 30,0 | | | |
| | 9,2 | 1142 | 1,1 | 155,40 | 20,6 | 22,0 | 29,7 | 30,0 | **SK 4282 - 90 SP/4** | 70 | D66 |
| | 13 | 813 | 2,0 | 110,78 | 20,2 | 22,0 | 30,2 | 30,0 | | | |
| | 16 | 665 | 2,4 | 90,52 | 19,2 | 22,0 | 30,4 | 30,0 | | | |
| | 19 | 563 | 2,8 | 76,70 | 18,3 | 22,0 | 30,5 | 30,0 | | | |
| | 10 | 1039 | 0,9 | 141,49 | 13,1 | 14,5 | 21,0 | 20,0 | **SK 3282/12 - 90 SP/4** | 65 | D64 D82 |
| | 11 | 933 | 0,8 | 126,93 | 12,7 | 14,5 | 21,4 | 20,0 | **SK 3382 - 90 SP/4** | 63 | D65 |
| | 13 | 824 | 0,9 | 112,23 | 12,7 | 14,5 | 21,7 | 20,0 | **SK 3282 - 90 SP/4** | 55 | D64 |
| | 14 | 741 | 1,1 | 100,88 | 12,5 | 14,5 | 21,9 | 20,0 | | | |
| | 16 | 652 | 1,4 | 88,74 | 12,3 | 14,5 | 22,1 | 20,0 | | | |
| | 18 | 586 | 1,5 | 79,76 | 12,0 | 14,5 | 22,3 | 20,0 | | | |
| | 20 | 518 | 1,1 | 70,56 | 11,6 | 14,5 | 22,4 | 20,0 | | | |
| | 22 | 471 | 2,2 | 64,12 | 11,4 | 14,5 | 22,5 | 20,0 | | | |
| | 26 | 410 | 1,6 | 55,79 | 11,0 | 14,5 | 22,0 | 20,0 | | | |
| | 27 | 389 | 2,2 | 52,97 | 10,9 | 14,5 | 21,8 | 20,0 | | | |
| | 30 | 353 | 1,6 | 48,04 | 10,6 | 14,5 | 21,2 | 20,0 | | | |
| | 32 | 329 | 2,2 | 44,85 | 10,5 | 14,5 | 20,8 | 20,0 | | | |
| | 34 | 309 | 3,0 | 42,02 | 10,4 | 14,5 | 20,5 | 20,0 | | | |
| | 37 | 283 | 2,2 | 38,62 | 10,1 | 14,5 | 20,0 | 20,0 | | | |
| | 38 | 278 | 3,0 | 37,77 | 10,1 | 14,5 | 20,0 | 20,0 | | | |
| | 45 | 234 | 3,7 | 31,93 | 9,6 | 14,5 | 19,1 | 20,0 | | | |
| | 15 | 723 | 0,8 | 98,35 | 5,9 | 12,0 | 11,4 | 15,0 | **SK 2382 - 90 SP/4** | 47 | D63 |
| | 17 | 604 | 0,9 | 82,22 | 7,4 | 12,0 | 12,3 | 15,0 | | | |

# 1,10 kW
# 1,50 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 17 | 606 | 0,8 | 82,42 | 7,4 | 12,0 | 12,3 | 15,0 | **SK 2282 - 90 SP/4** | 40 | D62 |
| | 21 | 512 | 0,9 | 69,67 | 8,3 | 12,0 | 12,8 | 15,0 | | | |
| | 22 | 469 | 1,1 | 63,83 | 8,6 | 12,0 | 13,0 | 15,0 | | | |
| | 26 | 397 | 1,3 | 53,96 | 9,1 | 12,0 | 13,3 | 15,0 | | | |
| | 28 | 380 | 1,4 | 51,71 | 9,1 | 12,0 | 13,4 | 15,0 | | | |
| | 32 | 332 | 1,4 | 45,11 | 9,2 | 12,0 | 13,6 | 15,0 | | | |
| | 33 | 321 | 1,8 | 43,71 | 9,2 | 12,0 | 13,6 | 15,0 | | | |
| | 38 | 273 | 1,7 | 37,18 | 8,9 | 12,0 | 13,7 | 15,0 | | | |
| | 39 | 269 | 1,9 | 36,54 | 8,8 | 12,0 | 13,7 | 15,0 | | | |
| | 46 | 229 | 1,9 | 31,23 | 8,4 | 12,0 | 13,8 | 15,0 | | | |
| | 48 | 218 | 2,3 | 29,65 | 8,4 | 12,0 | 13,9 | 15,0 | | | |
| | 53 | 197 | 2,2 | 26,83 | 8,2 | 12,0 | 13,9 | 15,0 | | | |
| | 57 | 184 | 2,7 | 24,97 | 8,0 | 12,0 | 13,9 | 15,0 | | | |
| | 60 | 176 | 2,5 | 23,96 | 8,0 | 12,0 | 13,9 | 15,0 | | | |
| | 65 | 161 | 3,0 | 21,90 | 7,8 | 12,0 | 13,9 | 15,0 | | | |
| | 77 | 136 | 3,6 | 18,51 | 7,4 | 12,0 | 14,0 | 15,0 | | | |
| | 86 | 122 | 3,9 | 16,53 | 7,2 | 12,0 | 13,9 | 15,0 | | | |
| | 45 | 236 | 1,0 | 32,08 | 3,9 | 7,2 | 9,2 | 7,2 | **SK 1282 - 90 SP/4** | 29 | D61 |
| | 50 | 208 | 1,1 | 28,33 | 3,8 | 7,2 | 9,3 | 7,2 | | | |
| | 57 | 185 | 1,2 | 25,22 | 3,8 | 7,2 | 9,4 | 7,2 | | | |
| | 69 | 151 | 1,5 | 20,57 | 3,6 | 7,2 | 9,5 | 7,2 | | | |
| | 83 | 126 | 1,8 | 17,21 | 3,5 | 7,0 | 9,5 | 7,2 | | | |
| | 102 | 103 | 2,0 | 14,11 | 3,4 | 6,6 | 9,6 | 7,2 | | | |
| | 122 | 86,3 | 2,4 | 11,76 | 3,2 | 6,2 | 9,5 | 7,2 | | | |
| | 138 | 76,0 | 2,6 | 10,34 | 3,1 | 6,0 | 9,1 | 7,2 | | | |
| | 156 | 67,3 | 2,8 | 9,18 | 3,0 | 5,8 | 8,9 | 7,2 | | | |
| | 174 | 60,5 | 3,2 | 8,24 | 2,9 | 5,5 | 8,6 | 7,2 | | | |
| | 175 | 60,1 | 2,7 | 8,21 | 3,0 | 5,6 | 8,6 | 7,2 | | | |
| | 197 | 53,2 | 3,5 | 7,24 | 2,8 | 5,3 | 8,3 | 7,2 | | | |
| | 223 | 47,1 | 3,8 | 6,43 | 2,7 | 5,1 | 8,0 | 7,2 | | | |
| | 261 | 40,2 | 4,3 | 5,47 | 2,6 | 4,8 | 7,7 | 7,2 | | | |
| | 299 | 35,1 | 3,6 | 4,79 | 2,5 | 4,6 | 7,4 | 7,2 | | | |
| 1,50 | 1,0 | 14350 | 1,7 | 1419,20 | 120,0 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 90 LP/4** | 734 | D77<br>D82 |
| | 1,2 | 11920 | 2,0 | 1178,81 | 118,6 | 102,0 | 120,0 | 130,0 | | | |
| | 1,6 | 8966 | 2,7 | 886,49 | 110,3 | 102,0 | 120,0 | 130,0 | | | |
| | 2,0 | 7242 | 3,3 | 715,38 | 105,1 | 102,0 | 120,0 | 130,0 | | | |
| | 1,0 | 13800 | 0,9 | 1366,83 | 77,7 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 90 LP/4** | 417 | D75<br>D82 |
| | 1,3 | 10750 | 1,1 | 1064,91 | 84,3 | 73,0 | 100,0 | 100,0 | | | |
| | 1,6 | 9000 | 1,3 | 891,21 | 87,3 | 73,0 | 100,0 | 100,0 | | | |
| | 2,0 | 7254 | 1,7 | 718,43 | 89,6 | 73,0 | 100,0 | 100,0 | | | |
| | 2,3 | 6176 | 2,0 | 612,94 | 89,4 | 73,0 | 100,0 | 100,0 | | | |
| | 1,5 | 9437 | 0,8 | 933,91 | 36,9 | 58,0 | 57,0 | 80,0 | **SK 7382/22 - 90 LP/4** | 281 | D73<br>D82 |
| | 2,0 | 7190 | 1,0 | 714,31 | 49,0 | 58,0 | 75,6 | 80,0 | | | |
| | 2,5 | 5777 | 1,2 | 569,97 | 52,9 | 58,0 | 78,2 | 80,0 | | | |
| | 3,3 | 4402 | 1,6 | 435,50 | 55,5 | 58,0 | 80,0 | 80,0 | | | |
| | 3,8 | 3809 | 1,9 | 376,26 | 56,5 | 58,0 | 80,7 | 80,0 | | | |
| | 4,8 | 2987 | 2,4 | 295,54 | 57,5 | 58,0 | 81,4 | 80,0 | **SK 7382/32 - 90 LP/4** | 292 | D73<br>D82 |
| | 2,2 | 6452 | 0,8 | 637,53 | 22,2 | 46,5 | 46,7 | 60,0 | **SK 6382/22 - 90 LP/4** | 208 | D71<br>D82 |
| | 2,5 | 5772 | 0,9 | 569,11 | 27,5 | 46,5 | 49,4 | 60,0 | | | |
| | 3,3 | 4398 | 1,2 | 435,29 | 34,3 | 46,5 | 53,6 | 60,0 | | | |
| | 4,1 | 3534 | 1,5 | 347,33 | 37,4 | 46,5 | 55,6 | 60,0 | | | |
| | 4,7 | 3038 | 1,8 | 298,46 | 38,7 | 46,5 | 56,5 | 60,0 | | | |
| | 6,3 | 2263 | 2,1 | 223,73 | 40,3 | 46,5 | 57,6 | 60,0 | **SK 6382/32 - 90 LP/4** | 219 | D71<br>D82 |
| | 7,4 | 1935 | 2,5 | 191,51 | 40,8 | 46,5 | 57,9 | 60,0 | | | |
| | 2,6 | 5589 | 0,9 | 551,58 | 28,6 | 46,5 | 50,1 | 60,0 | **SK 6382 - 90 LP/4** | 189 | D71 |
| | 3,2 | 4513 | 0,9 | 445,09 | 34,0 | 46,5 | 53,3 | 60,0 | | | |
| | 3,6 | 3983 | 1,5 | 393,19 | 35,9 | 46,5 | 54,6 | 60,0 | | | |
| | 4,5 | 3215 | 1,8 | 317,28 | 38,2 | 46,5 | 56,2 | 60,0 | | | |
| | 5,6 | 2547 | 1,8 | 251,76 | 39,8 | 46,5 | 57,2 | 60,0 | | | |
| | 6,3 | 2286 | 1,8 | 225,79 | 40,2 | 46,5 | 57,5 | 60,0 | | | |
| | 8,8 | 1621 | 3,6 | 159,88 | 41,2 | 46,5 | 58,2 | 60,0 | | | |

IE3

# 1,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 3,9 | 3661 | 0,8 | 361,69 | 22,7 | 32,0 | 38,7 | 40,0 | **SK 5382 - 90 LP/4** | 127 | D69 |
| | 4,3 | 3356 | 1,0 | 331,48 | 24,4 | 32,0 | 39,7 | 40,0 | | | |
| | 5,2 | 2737 | 1,0 | 269,99 | 27,2 | 32,0 | 41,5 | 40,0 | | | |
| | 5,7 | 2517 | 1,3 | 248,70 | 28,0 | 32,0 | 42,0 | 40,0 | | | |
| | 7,0 | 2053 | 1,6 | 202,57 | 29,4 | 32,0 | 42,9 | 40,0 | | | |
| | 8,3 | 1735 | 1,6 | 171,27 | 30,1 | 32,0 | 43,4 | 40,0 | | | |
| | 9,2 | 1557 | 2,1 | 153,92 | 30,5 | 32,0 | 43,7 | 40,0 | | | |
| | 10 | 1405 | 2,3 | 138,82 | 29,7 | 32,0 | 43,9 | 40,0 | | | |
| | 12 | 1187 | 2,3 | 117,37 | 28,4 | 32,0 | 44,1 | 40,0 | | | |
| | 11 | 1357 | 2,0 | 134,03 | 29,7 | 32,0 | 43,9 | 40,0 | **SK 5282 - 90 LP/4** | 108 | D68 |
| | 14 | 1014 | 2,2 | 100,19 | 27,5 | 32,0 | 44,3 | 40,0 | | | |
| | 17 | 827 | 2,2 | 81,61 | 25,9 | 32,0 | 44,4 | 40,0 | | | |
| | 5,6 | 2562 | 0,8 | 253,12 | 12,7 | 22,0 | 24,8 | 30,0 | **SK 4382 - 90 LP/4** | 87 | D67 |
| | 6,7 | 2136 | 0,8 | 211,09 | 16,2 | 22,0 | 26,8 | 30,0 | | | |
| | 7,4 | 1939 | 1,0 | 191,57 | 17,4 | 22,0 | 27,5 | 30,0 | | | |
| | 8,8 | 1620 | 1,0 | 160,20 | 18,9 | 22,0 | 28,5 | 30,0 | | | |
| | 10 | 1423 | 1,4 | 140,60 | 19,7 | 22,0 | 29,1 | 30,0 | | | |
| | 9,1 | 1573 | 0,8 | 155,40 | 19,1 | 22,0 | 28,7 | 30,0 | **SK 4282 - 90 LP/4** | 72 | D66 |
| | 13 | 1121 | 1,4 | 110,78 | 19,2 | 22,0 | 29,7 | 30,0 | | | |
| | 16 | 916 | 1,7 | 90,52 | 18,4 | 22,0 | 30,1 | 30,0 | | | |
| | 18 | 776 | 2,0 | 76,70 | 17,6 | 22,0 | 30,3 | 30,0 | | | |
| | 31 | 456 | 3,5 | 45,05 | 15,5 | 22,0 | 30,1 | 30,0 | | | |
| | 35 | 413 | 3,8 | 40,74 | 15,1 | 22,0 | 29,2 | 30,0 | | | |
| | 12 | 1154 | 0,8 | 114,23 | 11,4 | 14,5 | 20,5 | 20,0 | **SK 3282/12 - 90 LP/4** | 67 | D64<br>D82 |
| | 16 | 898 | 1,1 | 88,74 | 11,3 | 14,5 | 21,5 | 20,0 | **SK 3282 - 90 LP/4** | 57 | D64 |
| | 18 | 807 | 1,1 | 79,76 | 11,1 | 14,5 | 21,7 | 20,0 | | | |
| | 21 | 667 | 1,1 | 65,89 | 10,8 | 14,5 | 22,1 | 20,0 | | | |
| | 22 | 649 | 1,6 | 64,12 | 10,8 | 14,5 | 22,1 | 20,0 | | | |
| | 25 | 564 | 1,1 | 55,79 | 10,4 | 14,5 | 21,6 | 20,0 | | | |
| | 27 | 536 | 1,6 | 52,97 | 10,3 | 14,5 | 21,3 | 20,0 | | | |
| | 29 | 486 | 1,1 | 48,04 | 10,1 | 14,5 | 20,8 | 20,0 | | | |
| | 32 | 454 | 1,6 | 44,85 | 10,0 | 14,5 | 20,5 | 20,0 | | | |
| | 34 | 426 | 2,2 | 42,02 | 9,9 | 14,5 | 20,2 | 20,0 | | | |
| | 37 | 383 | 2,2 | 37,77 | 9,7 | 14,5 | 19,7 | 20,0 | | | |
| | 44 | 323 | 2,7 | 31,93 | 9,4 | 14,5 | 18,9 | 20,0 | | | |
| | 49 | 290 | 3,0 | 28,70 | 9,1 | 14,5 | 18,4 | 20,0 | | | |
| | 55 | 262 | 3,2 | 25,88 | 8,9 | 14,5 | 17,8 | 20,0 | | | |
| | 60 | 240 | 3,4 | 23,71 | 8,6 | 14,5 | 17,4 | 20,0 | | | |
| | 63 | 227 | 3,5 | 22,45 | 8,6 | 14,5 | 17,2 | 20,0 | | | |
| | 22 | 646 | 0,8 | 63,83 | 6,9 | 12,0 | 12,0 | 15,0 | **SK 2282 - 90 LP/4** | 42 | D62 |
| | 26 | 546 | 0,9 | 53,96 | 8,0 | 12,0 | 12,6 | 15,0 | | | |
| | 27 | 524 | 1,0 | 51,71 | 8,2 | 12,0 | 12,7 | 15,0 | | | |
| | 31 | 457 | 1,0 | 45,11 | 8,7 | 12,0 | 13,1 | 15,0 | | | |
| | 32 | 443 | 1,3 | 43,71 | 8,7 | 12,0 | 13,1 | 15,0 | | | |
| | 38 | 376 | 1,2 | 37,18 | 8,4 | 12,0 | 13,4 | 15,0 | | | |
| | 39 | 370 | 1,4 | 36,54 | 8,3 | 12,0 | 13,4 | 15,0 | | | |
| | 45 | 316 | 1,4 | 31,23 | 8,1 | 12,0 | 13,6 | 15,0 | | | |
| | 48 | 300 | 1,7 | 29,65 | 8,1 | 12,0 | 13,6 | 15,0 | | | |
| | 53 | 271 | 1,6 | 26,83 | 7,9 | 12,0 | 13,7 | 15,0 | | | |
| | 57 | 253 | 1,9 | 24,97 | 7,8 | 12,0 | 13,8 | 15,0 | | | |
| | 59 | 243 | 1,8 | 23,96 | 7,7 | 12,0 | 13,8 | 15,0 | | | |
| | 65 | 222 | 2,2 | 21,90 | 7,5 | 12,0 | 13,8 | 15,0 | | | |
| | 76 | 187 | 2,6 | 18,51 | 7,2 | 12,0 | 13,9 | 15,0 | | | |
| | 85 | 168 | 2,8 | 16,53 | 7,0 | 12,0 | 13,7 | 15,0 | | | |
| | 107 | 134 | 3,0 | 13,23 | 6,6 | 12,0 | 12,9 | 15,0 | | | |
| | 120 | 120 | 3,2 | 11,81 | 6,4 | 12,0 | 12,5 | 15,0 | | | |
| | 139 | 103 | 3,5 | 10,15 | 6,1 | 12,0 | 12,0 | 15,0 | | | |
| | 157 | 91,1 | 3,7 | 9,03 | 5,9 | 11,5 | 11,6 | 15,0 | | | |
| | 169 | 84,6 | 3,0 | 8,37 | 5,7 | 11,1 | 11,3 | 15,0 | | | |
| | 189 | 75,7 | 3,2 | 7,48 | 5,6 | 10,6 | 11,0 | 15,0 | | | |

# 1,50 kW
# 2,20 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1,50** | 50 | 287 | 0,8 | 28,33 | 3,4 | 6,9 | 8,9 | 7,2 | **SK 1282 - 90 LP/4** | 31 | D61 |
| | 56 | 256 | 0,9 | 25,22 | 3,4 | 6,8 | 9,1 | 7,2 | | | |
| | 69 | 209 | 1,1 | 20,57 | 3,3 | 6,6 | 9,3 | 7,2 | | | |
| | 82 | 174 | 1,3 | 17,21 | 3,2 | 6,4 | 9,4 | 7,2 | | | |
| | 100 | 143 | 1,5 | 14,11 | 3,2 | 6,1 | 9,5 | 7,2 | | | |
| | 120 | 119 | 1,7 | 11,76 | 3,0 | 5,8 | 9,4 | 7,2 | | | |
| | 137 | 105 | 1,9 | 10,34 | 3,0 | 5,6 | 9,0 | 7,2 | | | |
| | 154 | 92,7 | 2,0 | 9,18 | 2,9 | 5,4 | 8,8 | 7,2 | | | |
| | 172 | 83,3 | 2,3 | 8,24 | 2,8 | 5,2 | 8,5 | 7,2 | | | |
| | 173 | 82,8 | 1,9 | 8,21 | 2,8 | 5,3 | 8,5 | 7,2 | | | |
| | 195 | 73,4 | 2,5 | 7,24 | 2,7 | 5,0 | 8,2 | 7,2 | | | |
| | 220 | 65,0 | 2,8 | 6,43 | 2,6 | 4,8 | 7,9 | 7,2 | | | |
| | 259 | 55,4 | 3,1 | 5,47 | 2,5 | 4,6 | 7,6 | 7,2 | | | |
| | 296 | 48,4 | 2,6 | 4,79 | 2,5 | 4,4 | 7,3 | 7,2 | | | |
| **2,20** | 1,0 | 20330 | 1,2 | 1419,20 | 110,7 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 100 LP/4** | 745 | D77 D82 |
| | 1,2 | 16880 | 1,4 | 1178,81 | 108,1 | 102,0 | 120,0 | 130,0 | | | |
| | 1,7 | 12700 | 1,9 | 886,49 | 102,2 | 102,0 | 120,0 | 130,0 | | | |
| | 2,0 | 10260 | 2,3 | 715,38 | 98,8 | 102,0 | 120,0 | 130,0 | | | |
| | 2,4 | 8874 | 2,7 | 618,30 | 95,8 | 102,0 | 120,0 | 130,0 | | | |
| | 3,2 | 6465 | 3,7 | 449,57 | 88,7 | 102,0 | 120,0 | 130,0 | | | |
| | 1,4 | 15230 | 0,8 | 1064,91 | 73,0 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 100 LP/4** | 428 | D75 D82 |
| | 1,6 | 12750 | 0,9 | 891,21 | 79,8 | 73,0 | 100,0 | 100,0 | | | |
| | 2,0 | 10280 | 1,2 | 718,43 | 84,1 | 73,0 | 100,0 | 100,0 | | | |
| | 2,4 | 8749 | 1,4 | 612,94 | 82,2 | 73,0 | 100,0 | 100,0 | | | |
| | 2,7 | 7891 | 1,5 | 551,02 | 80,9 | 73,0 | 100,0 | 100,0 | **SK 8382/42 - 100 LP/4** | 443 | D75 D82 |
| | 3,1 | 6723 | 1,8 | 468,52 | 78,4 | 73,0 | 100,0 | 100,0 | | | |
| | 3,8 | 5541 | 2,3 | 386,68 | 75,7 | 73,0 | 100,0 | 105,0 | **SK 8382 - 100 LP/4** | 398 | D75 |
| | 4,6 | 4562 | 2,8 | 318,31 | 72,2 | 73,0 | 100,0 | 105,0 | | | |
| | 2,6 | 8184 | 0,9 | 569,97 | 45,3 | 58,0 | 73,3 | 80,0 | **SK 7382/22 - 100 LP/4** | 292 | D73 D82 |
| | 3,4 | 6235 | 1,1 | 435,50 | 51,5 | 58,0 | 77,3 | 80,0 | | | |
| | 3,9 | 5395 | 1,3 | 376,26 | 53,5 | 58,0 | 78,6 | 80,0 | | | |
| | 5,0 | 4231 | 1,7 | 295,54 | 55,7 | 58,0 | 80,2 | 80,0 | **SK 7382/32 - 100 LP/4** | 303 | D73 D82 |
| | 6,6 | 3198 | 2,2 | 223,20 | 53,3 | 58,0 | 81,2 | 80,0 | | | |
| | 4,3 | 4852 | 1,6 | 338,79 | 54,6 | 58,0 | 79,4 | 80,0 | **SK 7382 - 100 LP/4** | 273 | D73 |
| | 5,4 | 3919 | 1,9 | 273,57 | 56,0 | 58,0 | 80,5 | 80,0 | | | |
| | 6,8 | 3104 | 2,7 | 216,43 | 53,0 | 58,0 | 81,3 | 80,0 | | | |
| | 7,2 | 2936 | 2,6 | 204,99 | 52,5 | 58,0 | 81,4 | 80,0 | | | |
| | 9,0 | 2325 | 2,7 | 162,17 | 49,5 | 58,0 | 81,8 | 80,0 | | | |
| | 9,7 | 2156 | 3,5 | 150,57 | 48,8 | 58,0 | 81,9 | 80,0 | | | |
| | 12 | 1766 | 4,3 | 123,37 | 46,4 | 58,0 | 82,1 | 80,0 | | | |
| | 14 | 1528 | 4,9 | 106,59 | 44,5 | 58,0 | 82,2 | 80,0 | | | |
| | 3,4 | 6230 | 0,9 | 435,29 | 23,2 | 46,5 | 47,2 | 60,0 | **SK 6382/22 - 100 LP/4** | 219 | D71 D82 |
| | 3,7 | 5642 | 1,0 | 393,19 | 27,7 | 46,5 | 49,6 | 60,0 | **SK 6382 - 100 LP/4** | 200 | D71 |
| | 4,6 | 4555 | 1,2 | 317,28 | 33,5 | 46,5 | 53,0 | 60,0 | | | |
| | 5,5 | 3842 | 1,5 | 267,59 | 36,2 | 46,5 | 54,8 | 60,0 | | | |
| | 5,8 | 3608 | 1,2 | 251,76 | 37,0 | 46,5 | 55,3 | 60,0 | | | |
| | 6,5 | 3239 | 1,2 | 225,79 | 38,0 | 46,5 | 56,0 | 60,0 | | | |
| | 6,9 | 3044 | 1,5 | 212,33 | 38,6 | 46,5 | 56,4 | 60,0 | | | |
| | 8,5 | 2458 | 2,3 | 171,34 | 39,9 | 46,5 | 57,3 | 60,0 | | | |
| | 9,1 | 2296 | 2,5 | 159,88 | 40,2 | 46,5 | 57,5 | 60,0 | | | |
| | 12 | 1819 | 2,5 | 126,87 | 41,0 | 46,5 | 58,0 | 60,0 | | | |
| | 13 | 1646 | 3,6 | 114,79 | 41,2 | 46,5 | 58,2 | 60,0 | | | |
| | 5,4 | 3912 | 0,8 | 273,15 | 20,7 | 32,0 | 37,5 | 40,0 | **SK 5282/12 - 100 LP/4** | 129 | D68 D82 |

IE3

# 2,20 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,20 | 5,9 | 3566 | 0,9 | 248,70 | 23,0 | 32,0 | 38,8 | 40,0 | **SK 5382 - 100 LP/4** | 138 | D69 |
| | 7,2 | 2908 | 1,1 | 202,57 | 26,3 | 32,0 | 40,9 | 40,0 | | | |
| | 8,5 | 2457 | 1,1 | 171,27 | 28,0 | 32,0 | 42,0 | 40,0 | | | |
| | 9,5 | 2206 | 1,5 | 153,92 | 28,1 | 32,0 | 42,6 | 40,0 | | | |
| | 11 | 1990 | 1,6 | 138,82 | 27,6 | 32,0 | 43,0 | 40,0 | | | |
| | 12 | 1682 | 1,6 | 117,37 | 26,5 | 32,0 | 43,5 | 40,0 | | | |
| | 16 | 1312 | 2,2 | 91,71 | 25,5 | 32,0 | 44,0 | 40,0 | | | |
| | 18 | 1184 | 2,4 | 82,72 | 24,9 | 32,0 | 44,1 | 40,0 | | | |
| | 19 | 1115 | 2,6 | 91,71 | 24,0 | 32,0 | 44,2 | 40,0 | | | |
| | 21 | 1005 | 2,8 | 82,72 | 23,4 | 32,0 | 44,3 | 40,0 | | | |
| | 11 | 1922 | 1,4 | 134,03 | 27,7 | 32,0 | 43,1 | 40,0 | **SK 5282 - 100 LP/4** | 119 | D68 |
| | 15 | 1436 | 1,6 | 100,19 | 26,0 | 32,0 | 43,8 | 40,0 | | | |
| | 16 | 1317 | 2,1 | 91,81 | 25,5 | 32,0 | 44,0 | 40,0 | | | |
| | 18 | 1171 | 1,6 | 81,61 | 24,6 | 32,0 | 44,1 | 40,0 | | | |
| | 21 | 984 | 3,0 | 68,63 | 23,7 | 32,0 | 44,3 | 40,0 | | | |
| | 9,6 | 2187 | 0,8 | 152,47 | 15,6 | 22,0 | 26,5 | 30,0 | **SK 4282/12 - 100 LP/4** | 93 | D66<br>D82 |
| | 10 | 2016 | 1,0 | 140,60 | 16,8 | 22,0 | 27,1 | 30,0 | **SK 4382 - 100 LP/4** | 98 | D67 |
| | 12 | 1700 | 1,2 | 118,38 | 17,1 | 22,0 | 28,2 | 30,0 | | | |
| | 14 | 1489 | 1,3 | 103,82 | 16,9 | 22,0 | 28,9 | 30,0 | | | |
| | 17 | 1244 | 1,6 | 86,83 | 16,5 | 22,0 | 29,4 | 30,0 | | | |
| | 13 | 1588 | 1,0 | 110,78 | 17,3 | 22,0 | 28,6 | 30,0 | **SK 4282 - 100 LP/4** | 83 | D66 |
| | 16 | 1298 | 1,2 | 90,52 | 16,8 | 22,0 | 29,3 | 30,0 | | | |
| | 19 | 1081 | 1,5 | 75,39 | 16,4 | 22,0 | 29,8 | 30,0 | | | |
| | 24 | 884 | 2,0 | 61,60 | 15,7 | 22,0 | 30,1 | 30,0 | | | |
| | 28 | 749 | 2,4 | 52,20 | 15,1 | 22,0 | 30,3 | 30,0 | | | |
| | 33 | 646 | 2,5 | 45,05 | 14,7 | 22,0 | 29,3 | 30,0 | | | |
| | 34 | 626 | 2,6 | 43,65 | 14,5 | 22,0 | 29,0 | 30,0 | | | |
| | 36 | 585 | 2,7 | 40,74 | 14,4 | 22,0 | 28,5 | 30,0 | | | |
| | 40 | 528 | 2,7 | 36,81 | 14,0 | 22,0 | 27,7 | 30,0 | | | |
| | 45 | 463 | 3,5 | 32,34 | 13,6 | 22,0 | 26,9 | 30,0 | | | |
| | 23 | 919 | 1,1 | 64,12 | 9,4 | 14,5 | 21,1 | 20,0 | **SK 3282 - 100 LP/4** | 68 | D64 |
| | 28 | 760 | 1,1 | 52,97 | 9,2 | 14,5 | 20,4 | 20,0 | | | |
| | 33 | 643 | 1,1 | 44,85 | 9,0 | 14,5 | 19,6 | 20,0 | | | |
| | 35 | 603 | 1,5 | 42,02 | 9,1 | 14,5 | 19,4 | 20,0 | | | |
| | 38 | 553 | 1,1 | 38,62 | 8,8 | 14,5 | 18,9 | 20,0 | | | |
| | 39 | 542 | 1,5 | 37,77 | 8,9 | 14,5 | 19,0 | 20,0 | | | |
| | 46 | 457 | 1,9 | 31,93 | 8,7 | 14,5 | 18,2 | 20,0 | | | |
| | 51 | 411 | 2,1 | 28,70 | 8,5 | 14,5 | 17,8 | 20,0 | | | |
| | 57 | 371 | 2,3 | 25,88 | 8,3 | 14,5 | 17,3 | 20,0 | | | |
| | 62 | 340 | 2,4 | 23,71 | 8,1 | 14,5 | 16,9 | 20,0 | | | |
| | 65 | 321 | 2,5 | 22,45 | 8,1 | 14,5 | 16,7 | 20,0 | | | |
| | 69 | 306 | 2,4 | 21,38 | 8,0 | 14,5 | 16,5 | 20,0 | | | |
| | 73 | 289 | 2,8 | 20,18 | 7,9 | 14,5 | 16,3 | 20,0 | | | |
| | 88 | 239 | 3,5 | 16,67 | 7,5 | 14,1 | 15,5 | 20,0 | | | |
| | 104 | 202 | 4,2 | 14,11 | 7,2 | 13,2 | 14,8 | 20,0 | | | |
| | 33 | 627 | 0,9 | 43,71 | 7,1 | 12,0 | 12,1 | 15,0 | **SK 2282 - 100 LP/4** | 53 | D62 |
| | 40 | 524 | 1,0 | 36,54 | 7,5 | 12,0 | 12,7 | 15,0 | | | |
| | 47 | 447 | 1,0 | 31,23 | 7,3 | 12,0 | 13,1 | 15,0 | | | |
| | 49 | 425 | 1,2 | 29,65 | 7,4 | 12,0 | 13,2 | 15,0 | | | |
| | 55 | 384 | 1,1 | 26,83 | 7,3 | 12,0 | 13,4 | 15,0 | | | |
| | 59 | 358 | 1,4 | 24,97 | 7,2 | 12,0 | 13,4 | 15,0 | | | |
| | 61 | 344 | 1,3 | 23,96 | 7,2 | 12,0 | 13,5 | 15,0 | | | |
| | 67 | 314 | 1,5 | 21,90 | 7,0 | 12,0 | 13,6 | 15,0 | | | |
| | 79 | 265 | 1,8 | 18,51 | 6,8 | 12,0 | 13,7 | 15,0 | | | |
| | 88 | 237 | 2,0 | 16,53 | 6,6 | 12,0 | 13,3 | 15,0 | | | |
| | 111 | 189 | 2,1 | 13,23 | 6,2 | 12,0 | 12,6 | 15,0 | | | |
| | 124 | 169 | 2,3 | 11,81 | 6,1 | 11,9 | 12,2 | 15,0 | | | |
| | 144 | 146 | 2,4 | 10,15 | 5,8 | 11,3 | 11,7 | 15,0 | | | |
| | 163 | 129 | 2,6 | 9,03 | 5,7 | 10,9 | 11,4 | 15,0 | | | |
| | 175 | 120 | 2,1 | 8,37 | 5,5 | 10,5 | 11,1 | 15,0 | | | |
| | 196 | 107 | 2,3 | 7,48 | 5,3 | 10,1 | 10,8 | 15,0 | | | |
| | 228 | 92,2 | 2,5 | 6,43 | 5,1 | 9,6 | 10,3 | 15,0 | | | |
| | 257 | 81,7 | 2,6 | 5,72 | 5,0 | 9,2 | 10,0 | 15,0 | | | |
| | 325 | 64,7 | 2,9 | 4,51 | 4,7 | 8,4 | 9,4 | 15,0 | | | |

# 2,20 kW
# 3,00 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,20 | 71 | 295 | 0,8 | 20,57 | 2,7 | 5,3 | 8,9 | 7,2 | **SK 1282 - 100 LP/4** | 42 | D61 |
| | 85 | 247 | 0,9 | 17,21 | 2,8 | 5,2 | 9,1 | 7,2 | | | |
| | 104 | 202 | 1,0 | 14,11 | 2,8 | 5,2 | 9,3 | 7,2 | | | |
| | 125 | 168 | 1,2 | 11,76 | 2,7 | 5,0 | 9,0 | 7,2 | | | |
| | 142 | 148 | 1,3 | 10,34 | 2,7 | 4,9 | 8,7 | 7,2 | | | |
| | 160 | 131 | 1,4 | 9,18 | 2,6 | 4,8 | 8,5 | 7,2 | | | |
| | 178 | 118 | 1,6 | 8,24 | 2,5 | 4,6 | 8,2 | 7,2 | | | |
| | 179 | 117 | 1,4 | 8,21 | 2,6 | 4,8 | 8,3 | 7,2 | | | |
| | 202 | 104 | 1,8 | 7,24 | 2,5 | 4,5 | 8,0 | 7,2 | | | |
| | 228 | 92,0 | 2,0 | 6,43 | 2,4 | 4,4 | 7,7 | 7,2 | | | |
| | 268 | 78,5 | 2,2 | 5,47 | 2,4 | 4,2 | 7,4 | 7,2 | | | |
| | 307 | 68,5 | 1,9 | 4,79 | 2,3 | 4,1 | 7,2 | 7,2 | | | |
| 3,00 | 1,0 | 27820 | 0,9 | 1419,20 | 97,0 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 100 AP/4** | 745 | D77 |
| | 1,2 | 23100 | 1,0 | 1178,81 | 97,2 | 102,0 | 120,0 | 130,0 | | | D82 |
| | 1,6 | 17380 | 1,4 | 886,49 | 93,8 | 102,0 | 120,0 | 130,0 | | | |
| | 2,0 | 14040 | 1,7 | 715,38 | 92,4 | 102,0 | 120,0 | 130,0 | | | |
| | 2,4 | 12140 | 2,0 | 618,30 | 90,2 | 102,0 | 120,0 | 130,0 | | | |
| | 3,2 | 8847 | 2,7 | 449,57 | 84,9 | 102,0 | 120,0 | 130,0 | | | |
| | 8,3 | 3434 | 7,4 | 175,05 | 79,7 | 102,0 | 120,0 | 130,0 | **SK 9382 - 100 AP/4** | 700 | D77 |
| | 2,0 | 14060 | 0,9 | 718,43 | 74,6 | 73,0 | 100,0 | 100,0 | **SK 8382/32 - 100 AP/4** | 428 | D75 |
| | 2,4 | 11970 | 1,0 | 612,94 | 74,1 | 73,0 | 100,0 | 100,0 | | | D82 |
| | 2,7 | 10800 | 1,1 | 551,02 | 73,5 | 73,0 | 100,0 | 100,0 | **SK 8382/42 - 100 AP/4** | 443 | D75 |
| | 3,1 | 9199 | 1,3 | 468,52 | 72,3 | 73,0 | 100,0 | 100,0 | | | D82 |
| | 4,2 | 6805 | 1,8 | 346,66 | 69,2 | 73,0 | 100,0 | 100,0 | | | |
| | 3,8 | 7582 | 1,7 | 386,68 | 71,2 | 73,0 | 100,0 | 105,0 | **SK 8382 - 100 AP/4** | 398 | D75 |
| | 4,6 | 6242 | 2,1 | 318,31 | 68,3 | 73,0 | 100,0 | 105,0 | | | |
| | 7,3 | 3941 | 2,7 | 201,00 | 62,2 | 73,0 | 100,0 | 105,0 | | | |
| | 3,4 | 8532 | 0,8 | 435,50 | 43,4 | 58,0 | 72,1 | 80,0 | **SK 7382/22 - 100 AP/4** | 292 | D73 |
| | 3,9 | 7382 | 1,0 | 376,26 | 47,9 | 58,0 | 74,9 | 80,0 | | | D82 |
| | 4,3 | 6640 | 1,1 | 338,79 | 50,2 | 58,0 | 76,4 | 80,0 | **SK 7382 - 100 AP/4** | 273 | D73 |
| | 5,3 | 5363 | 1,4 | 273,57 | 52,1 | 58,0 | 78,6 | 80,0 | | | |
| | 6,7 | 4247 | 2,0 | 216,43 | 49,9 | 58,0 | 80,1 | 80,0 | | | |
| | 7,1 | 4017 | 1,9 | 204,99 | 49,8 | 58,0 | 80,3 | 80,0 | | | |
| | 9,0 | 3181 | 2,0 | 162,17 | 47,3 | 58,0 | 81,2 | 80,0 | | | |
| | 9,7 | 2949 | 2,6 | 150,57 | 46,7 | 58,0 | 81,4 | 80,0 | | | |
| | 12 | 2416 | 3,1 | 123,37 | 44,7 | 58,0 | 81,8 | 80,0 | | | |
| | 14 | 2090 | 3,6 | 106,59 | 43,1 | 58,0 | 81,9 | 80,0 | | | |
| | 3,7 | 7720 | 0,8 | 393,19 | 0 | 46,5 | 40,6 | 60,0 | **SK 6382 - 100 AP/4** | 200 | D71 |
| | 4,6 | 6233 | 0,9 | 317,28 | 22,8 | 46,5 | 47,0 | 60,0 | | | |
| | 5,4 | 5257 | 1,1 | 267,59 | 29,8 | 46,5 | 50,8 | 60,0 | | | |
| | 5,8 | 4938 | 0,9 | 251,76 | 31,4 | 46,5 | 51,8 | 60,0 | | | |
| | 6,5 | 4431 | 0,9 | 225,79 | 33,8 | 46,5 | 53,2 | 60,0 | | | |
| | 6,9 | 4165 | 1,1 | 212,33 | 34,9 | 46,5 | 53,9 | 60,0 | | | |
| | 8,5 | 3363 | 1,7 | 171,34 | 37,6 | 46,5 | 55,7 | 60,0 | | | |
| | 9,1 | 3142 | 1,8 | 159,88 | 38,2 | 46,5 | 56,1 | 60,0 | | | |
| | 12 | 2489 | 1,8 | 126,87 | 39,8 | 46,5 | 57,2 | 60,0 | | | |
| | 13 | 2252 | 2,6 | 114,79 | 39,6 | 46,5 | 57,5 | 60,0 | | | |
| | 16 | 1819 | 3,3 | 92,63 | 37,8 | 46,5 | 58,0 | 60,0 | | | |
| | 18 | 1575 | 2,6 | 80,33 | 36,6 | 46,5 | 58,2 | 60,0 | **SK 6282 - 100 AP/4** | 203 | D70 |
| | 7,2 | 3979 | 0,8 | 202,57 | 19,9 | 32,0 | 37,1 | 40,0 | **SK 5382 - 100 AP/4** | 138 | D69 |
| | 8,5 | 3362 | 0,8 | 171,27 | 24,0 | 32,0 | 39,4 | 40,0 | | | |
| | 9,5 | 3019 | 1,1 | 153,92 | 25,5 | 32,0 | 40,5 | 40,0 | | | |
| | 11 | 2723 | 1,2 | 138,82 | 25,2 | 32,0 | 41,3 | 40,0 | | | |
| | 12 | 2301 | 1,2 | 117,37 | 24,6 | 32,0 | 42,3 | 40,0 | | | |
| | 16 | 1796 | 1,6 | 91,71 | 24,1 | 32,0 | 43,3 | 40,0 | | | |
| | 18 | 1620 | 1,7 | 82,72 | 23,6 | 32,0 | 43,5 | 40,0 | | | |

IE3

# 3,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 11 | 2630 | 1,0 | 134,03 | 25,6 | 32,0 | 41,5 | 40,0 | **SK 5282 - 100 AP/4** | 119 | D68 |
| | 15 | 1965 | 1,1 | 100,19 | 24,5 | 32,0 | 43,0 | 40,0 | | | |
| | 16 | 1802 | 1,5 | 91,81 | 24,2 | 32,0 | 43,3 | 40,0 | | | |
| | 18 | 1603 | 1,1 | 81,61 | 23,4 | 32,0 | 43,6 | 40,0 | | | |
| | 21 | 1346 | 2,2 | 68,63 | 22,7 | 32,0 | 43,9 | 40,0 | | | |
| | 26 | 1098 | 2,4 | 55,90 | 21,6 | 32,0 | 43,1 | 40,0 | | | |
| | 31 | 928 | 2,6 | 47,27 | 20,7 | 32,0 | 41,3 | 40,0 | | | |
| | 36 | 800 | 3,1 | 40,80 | 20,2 | 32,0 | 39,9 | 40,0 | | | |
| | 44 | 656 | 3,5 | 33,43 | 19,1 | 32,0 | 37,9 | 40,0 | | | |
| | 12 | 2326 | 0,9 | 118,38 | 14,4 | 22,0 | 25,7 | 30,0 | **SK 4382 - 100 AP/4** | 98 | D67 |
| | 14 | 2038 | 1,0 | 103,82 | 14,8 | 22,0 | 27,0 | 30,0 | | | |
| | 17 | 1703 | 1,2 | 86,83 | 14,7 | 22,0 | 28,2 | 30,0 | | | |
| | 16 | 1776 | 0,9 | 90,52 | 15,0 | 22,0 | 27,9 | 30,0 | **SK 4282 - 100 AP/4** | 83 | D66 |
| | 19 | 1505 | 1,1 | 76,70 | 14,7 | 22,0 | 28,8 | 30,0 | | | |
| | 24 | 1210 | 1,5 | 61,60 | 14,6 | 22,0 | 29,5 | 30,0 | | | |
| | 28 | 1025 | 1,8 | 52,20 | 14,1 | 22,0 | 29,6 | 30,0 | | | |
| | 32 | 884 | 1,8 | 45,05 | 13,9 | 22,0 | 28,7 | 30,0 | | | |
| | 33 | 856 | 1,9 | 43,65 | 13,6 | 22,0 | 28,4 | 30,0 | | | |
| | 36 | 800 | 1,9 | 40,74 | 13,7 | 22,0 | 28,0 | 30,0 | | | |
| | 40 | 723 | 1,9 | 36,81 | 13,4 | 22,0 | 27,3 | 30,0 | | | |
| | 45 | 634 | 2,6 | 32,34 | 13,1 | 22,0 | 26,5 | 30,0 | | | |
| | 55 | 518 | 3,4 | 26,43 | 12,4 | 22,0 | 25,1 | 30,0 | | | |
| | 56 | 515 | 3,1 | 26,25 | 12,4 | 22,0 | 25,1 | 30,0 | | | |
| | 65 | 439 | 3,9 | 22,39 | 11,9 | 22,0 | 24,0 | 30,0 | | | |
| | 68 | 421 | 4,0 | 21,45 | 11,8 | 22,0 | 23,8 | 30,0 | | | |
| | 35 | 825 | 1,1 | 42,02 | 8,1 | 14,5 | 18,7 | 20,0 | **SK 3282 - 100 AP/4** | 68 | D64 |
| | 39 | 741 | 1,1 | 37,77 | 8,0 | 14,5 | 18,2 | 20,0 | | | |
| | 46 | 626 | 1,4 | 31,93 | 8,0 | 14,5 | 17,7 | 20,0 | | | |
| | 51 | 562 | 1,5 | 28,70 | 7,8 | 14,5 | 17,3 | 20,0 | | | |
| | 56 | 507 | 1,7 | 25,88 | 7,8 | 14,5 | 16,9 | 20,0 | | | |
| | 62 | 465 | 1,7 | 23,71 | 7,6 | 14,4 | 16,5 | 20,0 | | | |
| | 65 | 440 | 1,8 | 22,45 | 7,6 | 14,4 | 16,4 | 20,0 | | | |
| | 68 | 419 | 1,7 | 21,38 | 7,5 | 14,1 | 16,1 | 20,0 | | | |
| | 72 | 395 | 2,1 | 20,18 | 7,4 | 13,9 | 15,9 | 20,0 | | | |
| | 88 | 327 | 2,6 | 16,67 | 7,2 | 13,2 | 15,2 | 20,0 | | | |
| | 104 | 276 | 3,1 | 14,11 | 6,9 | 12,5 | 14,6 | 20,0 | | | |
| | 129 | 223 | 3,7 | 11,38 | 6,6 | 11,7 | 13,8 | 20,0 | | | |
| | 149 | 192 | 4,4 | 9,80 | 6,3 | 11,1 | 13,2 | 20,0 | | | |
| | 174 | 165 | 4,1 | 8,31 | 6,0 | 10,5 | 12,6 | 19,3 | | | |
| | 216 | 133 | 4,6 | 6,70 | 5,7 | 9,8 | 11,9 | 18,3 | | | |
| | 255 | 113 | 4,9 | 5,74 | 5,5 | 9,2 | 11,5 | 17,6 | | | |
| | 321 | 89,1 | 5,2 | 4,48 | 5,1 | 8,5 | 10,7 | 16,5 | | | |
| | 49 | 582 | 0,9 | 29,65 | 6,6 | 12,0 | 12,3 | 15,0 | **SK 2282 - 100 AP/4** | 53 | D62 |
| | 54 | 526 | 0,8 | 26,83 | 6,6 | 12,0 | 12,7 | 15,0 | | | |
| | 58 | 490 | 1,0 | 24,97 | 6,5 | 12,0 | 12,9 | 15,0 | | | |
| | 61 | 471 | 0,9 | 23,96 | 6,6 | 12,0 | 13,0 | 15,0 | | | |
| | 67 | 430 | 1,1 | 21,90 | 6,4 | 12,0 | 13,1 | 15,0 | | | |
| | 79 | 363 | 1,3 | 18,51 | 6,3 | 12,0 | 13,4 | 15,0 | | | |
| | 88 | 325 | 1,4 | 16,53 | 6,2 | 12,0 | 13,0 | 15,0 | | | |
| | 111 | 259 | 1,6 | 13,23 | 5,9 | 11,5 | 12,3 | 15,0 | | | |
| | 124 | 232 | 1,7 | 11,81 | 5,8 | 11,2 | 12,0 | 15,0 | | | |
| | 144 | 199 | 1,8 | 10,15 | 5,6 | 10,7 | 11,6 | 15,0 | | | |
| | 162 | 177 | 1,9 | 9,03 | 5,4 | 10,3 | 11,2 | 15,0 | | | |
| | 175 | 164 | 1,6 | 8,37 | 5,3 | 9,9 | 10,9 | 15,0 | | | |
| | 195 | 147 | 1,7 | 7,48 | 5,2 | 9,6 | 10,6 | 15,0 | | | |
| | 227 | 126 | 1,8 | 6,43 | 5,0 | 9,2 | 10,2 | 15,0 | | | |
| | 256 | 112 | 1,9 | 5,72 | 4,8 | 8,8 | 9,9 | 15,0 | | | |
| | 324 | 88,5 | 2,1 | 4,51 | 4,6 | 8,2 | 9,3 | 15,0 | | | |
| | 104 | 276 | 0,8 | 14,11 | 2,1 | 4,7 | 9,0 | 7,2 | **SK 1282 - 100 AP/4** | 42 | D61 |
| | 124 | 230 | 0,9 | 11,76 | 2,3 | 4,1 | 8,7 | 7,2 | | | |
| | 141 | 203 | 1,0 | 10,34 | 2,3 | 4,1 | 8,5 | 7,2 | | | |
| | 159 | 180 | 1,1 | 9,18 | 2,3 | 4,1 | 8,3 | 7,2 | | | |
| | 177 | 161 | 1,2 | 8,24 | 2,2 | 4,0 | 8,0 | 7,2 | | | |
| | 178 | 161 | 1,0 | 8,21 | 2,3 | 4,2 | 8,1 | 7,2 | | | |
| | 201 | 142 | 1,3 | 7,24 | 2,2 | 3,9 | 7,8 | 7,2 | | | |
| | 228 | 126 | 1,4 | 6,43 | 2,2 | 3,9 | 7,6 | 7,2 | | | |
| | 267 | 107 | 1,6 | 5,47 | 2,2 | 3,8 | 7,3 | 7,2 | | | |
| | 306 | 93,8 | 1,4 | 4,79 | 2,2 | 3,7 | 7,1 | 7,2 | | | |

# 4,00 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,00 | 1,2 | 31230 | 0,8 | 1178,81 | 82,4 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 112 MP/4** | 752 | D77 D82 |
| | 1,6 | 23490 | 1,0 | 886,49 | 82,8 | 102,0 | 120,0 | 130,0 | | | |
| | 2,0 | 18980 | 1,3 | 715,38 | 83,7 | 102,0 | 120,0 | 130,0 | | | |
| | 2,3 | 16410 | 1,5 | 618,30 | 82,7 | 102,0 | 120,0 | 130,0 | | | |
| | 3,2 | 11960 | 2,0 | 449,57 | 79,4 | 102,0 | 120,0 | 130,0 | | | |
| | 8,2 | 4643 | 5,5 | 175,05 | 77,5 | 102,0 | 120,0 | 130,0 | **SK 9382 - 112 MP/4** | 708 | D77 |
| | 2,6 | 14600 | 0,8 | 551,02 | 64,3 | 73,0 | 100,0 | 100,0 | **SK 8382/42 - 112 MP/4** | 450 | D75 D82 |
| | 3,1 | 12440 | 1,0 | 468,52 | 64,4 | 73,0 | 100,0 | 100,0 | | | |
| | 4,2 | 9200 | 1,3 | 346,66 | 63,5 | 73,0 | 100,0 | 100,0 | | | |
| | 4,9 | 7838 | 1,5 | 294,43 | 62,4 | 73,0 | 100,0 | 100,0 | | | |
| | 6,6 | 5808 | 2,1 | 223,40 | 59,8 | 73,0 | 100,0 | 100,0 | | | |
| | 3,7 | 10250 | 1,2 | 386,68 | 64,8 | 73,0 | 100,0 | 105,0 | **SK 8382 - 112 MP/4** | 406 | D75 |
| | 4,5 | 8438 | 1,5 | 318,31 | 63,0 | 73,0 | 100,0 | 105,0 | | | |
| | 7,2 | 5327 | 2,0 | 201,00 | 58,7 | 73,0 | 100,0 | 105,0 | | | |
| | 10 | 3817 | 3,3 | 143,91 | 55,2 | 73,0 | 100,0 | 105,0 | | | |
| | 11 | 3323 | 3,7 | 125,38 | 53,3 | 73,0 | 100,0 | 105,0 | | | |
| | 4,3 | 8976 | 0,8 | 338,79 | 42,4 | 58,0 | 71,5 | 80,0 | **SK 7382 - 112 MP/4** | 280 | D73 |
| | 5,3 | 7250 | 1,0 | 273,57 | 47,0 | 58,0 | 75,5 | 80,0 | | | |
| | 6,7 | 5741 | 1,4 | 216,43 | 45,8 | 58,0 | 78,2 | 80,0 | | | |
| | 7,0 | 5430 | 1,4 | 204,99 | 46,0 | 58,0 | 78,7 | 80,0 | | | |
| | 8,9 | 4300 | 1,5 | 162,17 | 44,2 | 58,0 | 80,2 | 80,0 | | | |
| | 9,6 | 3987 | 1,9 | 150,57 | 44,0 | 58,0 | 80,5 | 80,0 | | | |
| | 12 | 3266 | 2,3 | 123,37 | 42,4 | 58,0 | 81,2 | 80,0 | | | |
| | 14 | 2826 | 2,7 | 106,59 | 41,3 | 58,0 | 81,5 | 80,0 | | | |
| | 15 | 2468 | 3,1 | 93,18 | 39,9 | 58,0 | 81,8 | 80,0 | | | |
| | 18 | 2089 | 3,6 | 78,81 | 38,3 | 58,0 | 82,0 | 80,0 | | | |
| | 21 | 1808 | 4,0 | 68,10 | 37,1 | 58,0 | 79,2 | 80,0 | | | |
| | 5,4 | 7107 | 0,8 | 267,59 | 14,9 | 46,5 | 43,7 | 60,0 | **SK 6382 - 112 MP/4** | 208 | D71 |
| | 6,8 | 5630 | 0,8 | 212,33 | 28,3 | 46,5 | 49,9 | 60,0 | | | |
| | 8,4 | 4546 | 1,2 | 171,34 | 33,8 | 46,5 | 53,2 | 60,0 | | | |
| | 9,0 | 4247 | 1,4 | 159,88 | 35,0 | 46,5 | 54,0 | 60,0 | | | |
| | 11 | 3365 | 1,4 | 126,87 | 37,5 | 46,5 | 55,9 | 60,0 | | | |
| | 13 | 3045 | 1,9 | 114,79 | 37,1 | 46,5 | 56,4 | 60,0 | | | |
| | 16 | 2458 | 2,4 | 92,63 | 35,8 | 46,5 | 57,3 | 60,0 | | | |
| | 19 | 1997 | 3,0 | 75,18 | 34,3 | 46,5 | 57,9 | 60,0 | | | |
| | 20 | 1948 | 2,9 | 73,50 | 34,0 | 46,5 | 57,9 | 60,0 | | | |
| | 24 | 1582 | 3,5 | 59,66 | 32,4 | 46,5 | 58,3 | 60,0 | | | |
| | 28 | 1353 | 3,8 | 51,07 | 31,3 | 46,5 | 58,4 | 60,0 | | | |
| | 18 | 2129 | 1,9 | 80,33 | 35,0 | 46,5 | 57,7 | 60,0 | **SK 6282 - 112 MP/4** | 210 | D70 |
| | 22 | 1736 | 1,9 | 65,44 | 33,2 | 46,5 | 58,1 | 60,0 | | | |
| | 9,4 | 4081 | 0,8 | 153,92 | 19,8 | 32,0 | 37,0 | 40,0 | **SK 5382 - 112 MP/4** | 146 | D69 |
| | 10 | 3681 | 0,9 | 138,82 | 22,3 | 32,0 | 38,6 | 40,0 | | | |
| | 12 | 3111 | 0,9 | 117,37 | 22,0 | 32,0 | 40,4 | 40,0 | | | |
| | 16 | 2427 | 1,2 | 91,71 | 22,2 | 32,0 | 42,2 | 40,0 | | | |
| | 17 | 2190 | 1,3 | 82,72 | 21,9 | 32,0 | 42,6 | 40,0 | | | |
| | 14 | 2657 | 0,8 | 100,19 | 22,4 | 32,0 | 41,6 | 40,0 | **SK 5282 - 112 MP/4** | 126 | D68 |
| | 16 | 2436 | 1,1 | 91,81 | 22,3 | 32,0 | 42,2 | 40,0 | | | |
| | 18 | 2167 | 0,8 | 81,61 | 21,7 | 32,0 | 42,7 | 40,0 | | | |
| | 21 | 1820 | 1,6 | 68,63 | 21,3 | 32,0 | 43,3 | 40,0 | | | |
| | 26 | 1484 | 1,8 | 55,90 | 20,4 | 32,0 | 42,1 | 40,0 | | | |
| | 28 | 1365 | 2,4 | 51,49 | 20,2 | 32,0 | 41,4 | 40,0 | | | |
| | 30 | 1254 | 1,9 | 47,27 | 19,6 | 32,0 | 40,3 | 40,0 | | | |
| | 34 | 1113 | 2,9 | 41,94 | 19,2 | 32,0 | 39,2 | 40,0 | | | |
| | 35 | 1082 | 2,3 | 40,80 | 19,3 | 32,0 | 39,1 | 40,0 | | | |
| | 41 | 940 | 2,9 | 35,46 | 18,5 | 32,0 | 37,5 | 40,0 | | | |
| | 43 | 886 | 2,6 | 33,43 | 18,5 | 32,0 | 37,2 | 40,0 | | | |
| | 19 | 2034 | 0,8 | 76,70 | 12,7 | 22,0 | 27,2 | 30,0 | **SK 4282 - 112 MP/4** | 90 | D66 |
| | 23 | 1635 | 1,1 | 61,60 | 13,0 | 22,0 | 28,5 | 30,0 | | | |
| | 28 | 1385 | 1,3 | 52,20 | 12,8 | 22,0 | 28,3 | 30,0 | | | |
| | 32 | 1195 | 1,3 | 45,05 | 12,8 | 22,0 | 27,7 | 30,0 | | | |
| | 33 | 1158 | 1,4 | 43,65 | 12,5 | 22,0 | 27,4 | 30,0 | | | |

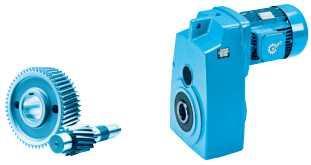
IE3

# 4,00 kW
# 5,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4,00** | 35 | 1082 | 1,4 | 40,74 | 12,7 | 22,0 | 27,1 | 30,0 | **SK 4282 - 112 MP/4** | 90 | D66 |
| | 38 | 1017 | 2,0 | 38,31 | 12,4 | 22,0 | 26,6 | 30,0 | | | |
| | 39 | 977 | 1,4 | 36,81 | 12,4 | 22,0 | 26,5 | 30,0 | | | |
| | 40 | 965 | 1,4 | 36,40 | 12,2 | 22,0 | 26,1 | 30,0 | | | |
| | 45 | 850 | 2,1 | 32,04 | 12,1 | 22,0 | 25,5 | 30,0 | | | |
| | 54 | 709 | 2,3 | 26,72 | 11,6 | 22,0 | 24,4 | 30,0 | | | |
| | 55 | 701 | 2,6 | 26,43 | 11,8 | 22,0 | 24,5 | 30,0 | | | |
| | 64 | 594 | 2,9 | 22,39 | 11,3 | 21,5 | 23,5 | 30,0 | | | |
| | 67 | 569 | 3,0 | 21,45 | 11,3 | 21,3 | 23,3 | 30,0 | | | |
| | 79 | 482 | 3,7 | 18,18 | 10,8 | 20,2 | 22,3 | 30,0 | | | |
| | 95 | 403 | 4,5 | 15,20 | 10,4 | 19,1 | 21,3 | 30,0 | | | |
| | 34 | 1115 | 0,8 | 42,02 | 6,8 | 13,3 | 17,6 | 20,0 | **SK 3282 - 112 MP/4** | 76 | D64 |
| | 38 | 1002 | 0,8 | 37,77 | 6,9 | 13,2 | 17,3 | 20,0 | | | |
| | 45 | 846 | 1,0 | 31,93 | 7,0 | 13,4 | 16,9 | 20,0 | | | |
| | 50 | 760 | 1,1 | 28,70 | 7,0 | 13,2 | 16,5 | 20,0 | | | |
| | 56 | 686 | 1,2 | 25,88 | 7,0 | 13,1 | 16,2 | 20,0 | | | |
| | 61 | 628 | 1,3 | 23,71 | 6,9 | 12,8 | 15,9 | 20,0 | | | |
| | 64 | 595 | 1,3 | 22,45 | 6,9 | 12,9 | 15,8 | 20,0 | | | |
| | 67 | 567 | 1,3 | 21,38 | 6,8 | 12,6 | 15,6 | 20,0 | | | |
| | 71 | 534 | 1,5 | 20,18 | 6,8 | 12,6 | 15,4 | 20,0 | | | |
| | 86 | 442 | 1,9 | 16,67 | 6,6 | 12,1 | 14,7 | 20,0 | | | |
| | 102 | 374 | 2,3 | 14,11 | 6,4 | 11,6 | 14,2 | 20,0 | | | |
| | 127 | 301 | 2,7 | 11,38 | 6,2 | 10,9 | 13,5 | 20,0 | | | |
| | 147 | 259 | 3,2 | 9,80 | 6,0 | 10,5 | 13,0 | 19,6 | | | |
| | 171 | 223 | 3,0 | 8,31 | 5,7 | 9,9 | 12,4 | 18,8 | | | |
| | 213 | 180 | 3,4 | 6,70 | 5,5 | 9,3 | 11,7 | 17,9 | | | |
| | 251 | 152 | 3,6 | 5,74 | 5,3 | 8,8 | 11,3 | 17,2 | | | |
| | 317 | 120 | 3,8 | 4,48 | 4,9 | 8,1 | 10,5 | 16,2 | | | |
| | 66 | 581 | 0,8 | 21,90 | 5,7 | 11,3 | 12,4 | 15,0 | **SK 2282 - 112 MP/4** | 60 | D62 |
| | 78 | 491 | 1,0 | 18,51 | 5,7 | 11,2 | 12,9 | 15,0 | | | |
| | 87 | 439 | 1,1 | 16,53 | 5,6 | 11,0 | 12,6 | 15,0 | | | |
| | 109 | 350 | 1,2 | 13,23 | 5,4 | 10,4 | 11,9 | 15,0 | | | |
| | 122 | 313 | 1,2 | 11,81 | 5,4 | 10,2 | 11,6 | 15,0 | | | |
| | 142 | 269 | 1,3 | 10,15 | 5,2 | 9,9 | 11,2 | 15,0 | | | |
| | 160 | 239 | 1,4 | 9,03 | 5,1 | 9,6 | 10,9 | 15,0 | | | |
| | 172 | 222 | 1,2 | 8,37 | 5,0 | 9,2 | 10,6 | 15,0 | | | |
| | 193 | 198 | 1,2 | 7,48 | 4,8 | 8,9 | 10,4 | 15,0 | | | |
| | 224 | 171 | 1,3 | 6,43 | 4,7 | 8,6 | 10,0 | 15,0 | | | |
| | 253 | 151 | 1,4 | 5,72 | 4,6 | 8,3 | 9,7 | 15,0 | | | |
| | 319 | 120 | 1,6 | 4,51 | 4,4 | 7,8 | 9,1 | 15,0 | | | |
| | 157 | 243 | 0,8 | 9,18 | 1,9 | 3,3 | 7,9 | 7,2 | **SK 1282 - 112 MP/4** | 50 | D61 |
| | 175 | 218 | 0,9 | 8,24 | 1,9 | 3,2 | 7,7 | 7,2 | | | |
| | 199 | 192 | 1,0 | 7,24 | 1,9 | 3,2 | 7,5 | 7,2 | | | |
| | 224 | 170 | 1,1 | 6,43 | 1,9 | 3,3 | 7,3 | 7,2 | | | |
| | 263 | 145 | 1,2 | 5,47 | 1,9 | 3,3 | 7,1 | 7,2 | | | |
| | 301 | 127 | 1,0 | 4,79 | 1,9 | 3,2 | 6,8 | 7,2 | | | |
| **5,50** | 4,3 | 12304 | 2,7 | 343,19 | 140 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 132 SP/4** | 1053 | D57 |
| | 4,7 | 11194 | 2,7 | 312,23 | 140 | 150,0 | 140,0 | 150,0 | | | |
| | 5,2 | 10180 | 2,7 | 283,96 | 140 | 150,0 | 140,0 | 150,0 | | | |
| | 5,7 | 9262 | 2,7 | 258,35 | 140 | 150,0 | 140,0 | 150,0 | | | |
| | 1,7 | 31750 | 0,8 | 886,49 | 65,6 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 132 SP/4** | 772 | D77 |
| | 2,0 | 25650 | 0,9 | 715,38 | 70,6 | 102,0 | 120,0 | 130,0 | | | |
| | 2,4 | 22190 | 1,1 | 618,30 | 71,5 | 102,0 | 120,0 | 130,0 | | | |
| | 3,2 | 16160 | 1,5 | 449,57 | 71,5 | 102,0 | 120,0 | 130,0 | | | |
| | 3,6 | 14720 | 1,6 | 411,63 | 71,0 | 102,0 | 120,0 | 130,0 | **SK 9382/52 - 132 SP/4** | 801 | D77<br>D86 |
| | 4,2 | 12630 | 2,0 | 352,36 | 85,6 | 102,0 | 120,0 | 130,0 | **SK 9382 - 132 SP/4** | 727 | D77 |
| | 5,0 | 10430 | 2,3 | 291,25 | 82,1 | 102,0 | 120,0 | 130,0 | | | |
| | 7,2 | 7337 | 3,0 | 204,68 | 77,0 | 102,0 | 120,0 | 130,0 | | | |
| | 8,4 | 6275 | 4,0 | 175,05 | 74,3 | 102,0 | 120,0 | 130,0 | | | |

# 5,50 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,50 | 4,2 | 12430 | 1,0 | 346,66 | 54,7 | 73,0 | 100,0 | 100,0 | **SK 8382/42 - 132 SP/4** | 470 | D75 |
| | 5,0 | 10590 | 1,1 | 294,43 | 54,9 | 73,0 | 100,0 | 100,0 | | | D82 |
| | 6,7 | 7850 | 1,5 | 223,40 | 54,2 | 73,0 | 100,0 | 100,0 | | | |
| | 7,9 | 6688 | 1,8 | 185,94 | 53,2 | 73,0 | 100,0 | 100,0 | | | |
| | 3,8 | 13850 | 0,9 | 386,68 | 55,1 | 73,0 | 100,0 | 105,0 | **SK 8382 - 132 SP/4** | 425 | D75 |
| | 4,6 | 11400 | 1,1 | 318,31 | 54,9 | 73,0 | 100,0 | 105,0 | | | |
| | 5,0 | 10540 | 1,2 | 294,01 | 55,7 | 73,0 | 100,0 | 105,0 | | | |
| | 6,1 | 8675 | 1,5 | 242,02 | 54,5 | 73,0 | 100,0 | 105,0 | | | |
| | 7,3 | 7200 | 1,5 | 201,00 | 53,7 | 73,0 | 100,0 | 105,0 | | | |
| | 7,9 | 6652 | 1,9 | 185,66 | 53,8 | 73,0 | 100,0 | 105,0 | | | |
| | 9,6 | 5477 | 2,4 | 152,83 | 51,8 | 73,0 | 100,0 | 105,0 | | | |
| | 10 | 5159 | 2,4 | 143,91 | 51,5 | 73,0 | 100,0 | 105,0 | | | |
| | 12 | 4248 | 2,9 | 118,47 | 49,4 | 73,0 | 100,0 | 105,0 | | | |
| | 14 | 3697 | 3,3 | 103,21 | 48,1 | 73,0 | 99,9 | 105,0 | | | |
| | 5,4 | 9799 | 0,8 | 273,57 | 38,2 | 58,0 | 69,1 | 80,0 | **SK 7382 - 132 SP/4** | 300 | D73 |
| | 6,8 | 7760 | 1,1 | 216,43 | 39,7 | 58,0 | 74,4 | 80,0 | | | |
| | 7,2 | 7339 | 1,0 | 204,99 | 40,2 | 58,0 | 75,3 | 80,0 | | | |
| | 9,0 | 5812 | 1,1 | 162,17 | 39,7 | 58,0 | 78,1 | 80,0 | | | |
| | 9,7 | 5389 | 1,4 | 150,57 | 39,8 | 58,0 | 78,7 | 80,0 | | | |
| | 12 | 4414 | 1,7 | 123,37 | 38,9 | 58,0 | 80,0 | 80,0 | | | |
| | 14 | 3819 | 2,0 | 106,59 | 38,2 | 58,0 | 80,7 | 80,0 | | | |
| | 16 | 3336 | 2,3 | 93,18 | 37,4 | 58,0 | 81,1 | 80,0 | | | |
| | 19 | 2823 | 2,6 | 78,81 | 36,2 | 58,0 | 80,1 | 80,0 | | | |
| | 8,5 | 6144 | 0,9 | 171,34 | 24,6 | 46,5 | 47,9 | 60,0 | **SK 6382 - 132 SP/4** | 227 | D71 |
| | 9,1 | 5740 | 1,0 | 159,88 | 27,5 | 46,5 | 49,5 | 60,0 | | | |
| | 12 | 4547 | 1,0 | 126,87 | 33,4 | 46,5 | 53,2 | 60,0 | | | |
| | 13 | 4115 | 1,4 | 114,79 | 33,5 | 46,5 | 54,3 | 60,0 | | | |
| | 16 | 3323 | 1,8 | 92,63 | 32,9 | 46,5 | 55,9 | 60,0 | | | |
| | 19 | 2700 | 2,2 | 75,18 | 31,9 | 46,5 | 57,0 | 60,0 | | | |
| | 20 | 2632 | 2,1 | 73,50 | 31,7 | 46,5 | 57,1 | 60,0 | | | |
| | 18 | 2877 | 1,4 | 80,33 | 32,6 | 46,5 | 56,7 | 60,0 | **SK 6282 - 132 SP/4** | 230 | D70 |
| | 22 | 2347 | 1,4 | 65,44 | 31,1 | 46,5 | 57,5 | 60,0 | | | |
| | 24 | 2189 | 2,1 | 61,08 | 31,1 | 46,5 | 57,6 | 60,0 | | | |
| | 29 | 1785 | 2,3 | 49,75 | 29,5 | 46,5 | 58,1 | 60,0 | | | |
| | 37 | 1414 | 2,3 | 39,48 | 28,0 | 46,5 | 56,1 | 60,0 | | | |
| | 16 | 3281 | 0,9 | 91,71 | 19,4 | 32,0 | 39,9 | 40,0 | **SK 5382 - 132 SP/4** | 165 | D69 |
| | 18 | 2960 | 0,9 | 82,72 | 19,3 | 32,0 | 40,8 | 40,0 | | | |
| | 16 | 3292 | 0,8 | 91,81 | 19,4 | 32,0 | 39,9 | 40,0 | **SK 5282 - 132 SP/4** | 146 | D68 |
| | 21 | 2459 | 1,2 | 68,63 | 19,2 | 32,0 | 42,1 | 40,0 | | | |
| | 26 | 2006 | 1,3 | 55,90 | 18,6 | 32,0 | 40,4 | 40,0 | | | |
| | 28 | 1844 | 1,8 | 51,49 | 18,6 | 32,0 | 39,9 | 40,0 | | | |
| | 31 | 1695 | 1,4 | 47,27 | 18,1 | 32,0 | 38,9 | 40,0 | | | |
| | 35 | 1504 | 2,1 | 41,94 | 17,9 | 32,0 | 38,0 | 40,0 | | | |
| | 36 | 1462 | 1,7 | 40,80 | 18,1 | 32,0 | 38,0 | 40,0 | | | |
| | 41 | 1271 | 2,1 | 35,46 | 17,4 | 32,0 | 36,5 | 40,0 | | | |
| | 44 | 1198 | 1,9 | 33,43 | 17,4 | 32,0 | 36,3 | 40,0 | | | |
| | 48 | 1092 | 2,7 | 30,50 | 17,0 | 32,0 | 35,4 | 40,0 | | | |
| | 59 | 895 | 3,2 | 25,00 | 16,3 | 30,8 | 33,7 | 40,0 | | | |
| | 24 | 2210 | 0,8 | 61,60 | 10,6 | 21,6 | 26,5 | 30,0 | **SK 4282 - 132 SP/4** | 110 | D66 |
| | 28 | 1873 | 1,0 | 52,20 | 10,8 | 21,3 | 26,7 | 30,0 | | | |
| | 33 | 1616 | 1,0 | 45,05 | 11,2 | 22,0 | 26,3 | 30,0 | | | |
| | 34 | 1565 | 1,0 | 43,65 | 10,9 | 21,3 | 25,9 | 30,0 | | | |
| | 36 | 1462 | 1,1 | 40,74 | 11,2 | 21,8 | 25,8 | 30,0 | | | |
| | 38 | 1375 | 1,5 | 38,31 | 10,9 | 21,3 | 25,3 | 30,0 | | | |
| | 40 | 1321 | 1,1 | 36,81 | 11,1 | 21,4 | 25,2 | 30,0 | | | |
| | 45 | 1158 | 1,4 | 32,34 | 11,1 | 21,3 | 24,7 | 30,0 | | | |
| | 46 | 1149 | 1,6 | 32,04 | 10,8 | 20,7 | 24,5 | 30,0 | | | |
| | 55 | 947 | 1,9 | 26,43 | 10,8 | 20,5 | 23,6 | 30,0 | | | |
| | 56 | 941 | 1,7 | 26,25 | 10,8 | 20,5 | 23,6 | 30,0 | | | |
| | 65 | 802 | 2,1 | 22,39 | 10,5 | 19,5 | 22,8 | 30,0 | | | |
| | 68 | 769 | 2,2 | 21,45 | 10,5 | 19,5 | 22,6 | 30,0 | | | |
| | 81 | 652 | 2,8 | 18,18 | 10,1 | 18,7 | 21,6 | 30,0 | | | |
| | 96 | 545 | 3,3 | 15,20 | 9,8 | 17,8 | 20,8 | 30,0 | | | |
| | 116 | 454 | 3,9 | 12,68 | 9,4 | 16,7 | 19,8 | 30,0 | | | |

IE3

# 5,50 kW
# 7,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **5,50** | 46 | 1144 | 0,8 | 31,93 | 5,6 | 10,4 | 15,6 | 20,0 | **SK 3282 - 132 SP/4** | 95 | D64 |
| | 51 | 1028 | 0,8 | 28,70 | 5,7 | 10,5 | 15,4 | 20,0 | | | |
| | 57 | 927 | 0,9 | 25,88 | 5,8 | 10,6 | 15,2 | 20,0 | | | |
| | 62 | 849 | 0,9 | 23,71 | 5,8 | 10,5 | 15,0 | 20,0 | | | |
| | 65 | 804 | 1,0 | 22,45 | 5,9 | 10,8 | 14,9 | 20,0 | | | |
| | 69 | 766 | 0,9 | 21,38 | 5,8 | 10,6 | 14,7 | 20,0 | | | |
| | 73 | 722 | 1,1 | 20,18 | 5,9 | 10,7 | 14,6 | 20,0 | | | |
| | 88 | 597 | 1,4 | 16,67 | 5,9 | 10,5 | 14,1 | 20,0 | | | |
| | 104 | 505 | 1,7 | 14,11 | 5,8 | 10,2 | 13,6 | 20,0 | | | |
| | 129 | 407 | 2,0 | 11,38 | 5,7 | 9,9 | 13,0 | 19,4 | | | |
| | 150 | 350 | 2,4 | 9,80 | 5,6 | 9,5 | 12,6 | 18,8 | | | |
| | 174 | 301 | 2,2 | 8,31 | 5,3 | 9,0 | 12,0 | 18,1 | | | |
| | 216 | 243 | 2,5 | 6,70 | 5,1 | 8,6 | 11,4 | 17,2 | | | |
| | 255 | 206 | 2,7 | 5,74 | 5,0 | 8,2 | 11,0 | 16,7 | | | |
| | 323 | 163 | 2,8 | 4,48 | 4,7 | 7,6 | 10,3 | 15,7 | | | |
| | 88 | 594 | 0,8 | 16,53 | 4,8 | 9,1 | 11,9 | 15,0 | **SK 2282 - 132 SP/4** | 80 | D62 |
| | 111 | 473 | 0,9 | 13,23 | 4,7 | 8,8 | 11,3 | 15,0 | | | |
| | 124 | 423 | 0,9 | 11,81 | 4,7 | 8,8 | 11,1 | 15,0 | | | |
| | 144 | 364 | 1,0 | 10,15 | 4,7 | 8,7 | 10,8 | 15,0 | | | |
| | 163 | 323 | 1,0 | 9,03 | 4,7 | 8,5 | 10,5 | 15,0 | | | |
| | 175 | 300 | 0,9 | 8,37 | 4,5 | 8,1 | 10,3 | 15,0 | | | |
| | 196 | 268 | 0,9 | 7,48 | 4,4 | 8,0 | 10,0 | 15,0 | | | |
| | 228 | 231 | 1,0 | 6,43 | 4,3 | 7,8 | 9,7 | 15,0 | | | |
| | 257 | 204 | 1,0 | 5,72 | 4,3 | 7,6 | 9,4 | 15,0 | | | |
| | 325 | 162 | 1,1 | 4,51 | 4,1 | 7,2 | 8,9 | 15,0 | | | |
| **7,50** | 4,3 | 16835 | 2,0 | 343,19 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 132 MP/4** | 1060 | D78-79 |
| | 4,7 | 15317 | 2,0 | 312,23 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,1 | 13929 | 2,0 | 283,96 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,7 | 12673 | 2,0 | 258,35 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 2,4 | 30360 | 0,8 | 618,30 | 56,2 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 132 MP/4** | 779 | D77 |
| | 3,2 | 22120 | 1,1 | 449,57 | 60,5 | 102,0 | 120,0 | 130,0 | | | D82 |
| | 3,6 | 20140 | 1,2 | 411,63 | 61,0 | 102,0 | 120,0 | 130,0 | **SK 9382/52 - 132 MP/4** | 808 | D77 D86 |
| | 4,1 | 17280 | 1,5 | 352,36 | 77,2 | 102,0 | 120,0 | 130,0 | **SK 9382 - 132 MP/4** | 734 | D77 |
| | 5,0 | 14270 | 1,7 | 291,25 | 75,1 | 102,0 | 120,0 | 130,0 | | | |
| | 7,1 | 10040 | 2,2 | 204,68 | 72,2 | 102,0 | 120,0 | 130,0 | | | |
| | 8,3 | 8586 | 3,0 | 175,05 | 70,3 | 102,0 | 120,0 | 130,0 | | | |
| | 10 | 7093 | 3,4 | 144,69 | 67,2 | 102,0 | 120,0 | 130,0 | | | |
| | 11 | 6655 | 3,8 | 135,90 | 66,8 | 102,0 | 120,0 | 130,0 | | | |
| | 4,9 | 14490 | 0,8 | 294,43 | 44,9 | 73,0 | 100,0 | 100,0 | **SK 8382/42 - 132 MP/4** | 477 | D75 D82 |
| | 5,0 | 14420 | 0,9 | 294,01 | 45,9 | 73,0 | 100,0 | 105,0 | **SK 8382 - 132 MP/4** | 432 | D75 |
| | 6,0 | 11870 | 1,1 | 242,02 | 46,6 | 73,0 | 100,0 | 105,0 | | | |
| | 7,9 | 9102 | 1,4 | 185,66 | 47,6 | 73,0 | 100,0 | 105,0 | | | |
| | 9,6 | 7494 | 1,8 | 152,83 | 46,7 | 73,0 | 100,0 | 105,0 | | | |
| | 10 | 7060 | 1,8 | 143,91 | 47,0 | 73,0 | 100,0 | 105,0 | | | |
| | 12 | 5812 | 2,1 | 118,47 | 45,7 | 73,0 | 100,0 | 105,0 | | | |
| | 14 | 5059 | 2,4 | 103,21 | 44,7 | 73,0 | 97,2 | 105,0 | | | |
| | 16 | 4454 | 2,7 | 90,94 | 44,0 | 73,0 | 94,6 | 105,0 | | | |
| | 19 | 3714 | 3,3 | 75,69 | 42,4 | 73,0 | 90,3 | 105,0 | | | |
| | 20 | 3540 | 2,2 | 72,21 | 42,3 | 72,4 | 0 | 0 | **SK 8282 - 132 MP/4** | 428 | D74 |
| | 7,1 | 10040 | 0,8 | 204,99 | 30,6 | 58,0 | 56,2 | 80,0 | **SK 7382 - 132 MP/4** | 307 | D73 |
| | 9,0 | 7953 | 0,8 | 162,17 | 33,4 | 58,0 | 74,0 | 80,0 | | | |
| | 9,7 | 7374 | 1,0 | 150,57 | 34,3 | 58,0 | 75,3 | 80,0 | | | |
| | 12 | 6039 | 1,2 | 123,37 | 34,5 | 58,0 | 77,7 | 80,0 | | | |
| | 14 | 5226 | 1,4 | 106,59 | 34,3 | 58,0 | 79,0 | 80,0 | | | |
| | 16 | 4565 | 1,7 | 93,18 | 34,0 | 58,0 | 79,8 | 80,0 | | | |
| | 19 | 3863 | 1,9 | 78,81 | 33,3 | 58,0 | 77,6 | 80,0 | | | |
| | 21 | 3343 | 2,2 | 68,10 | 32,5 | 58,0 | 75,1 | 80,0 | | | |
| | 25 | 2920 | 2,4 | 59,52 | 32,0 | 56,3 | 72,9 | 80,0 | | | |

# 7,50 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,50 | 21 | 3424 | 1,7 | 69,73 | 33,3 | 58,0 | 76,0 | 80,0 | **SK 7282 - 132 MP/4** | 300 | D72 |
| | 26 | 2791 | 2,0 | 56,91 | 31,8 | 55,9 | 72,3 | 80,0 | | | |
| | 13 | 5631 | 1,0 | 114,79 | 28,3 | 46,5 | 49,9 | 60,0 | **SK 6382 - 132 MP/4** | 234 | D71 |
| | 16 | 4546 | 1,3 | 92,63 | 29,0 | 46,5 | 53,2 | 60,0 | | | |
| | 19 | 3694 | 1,6 | 75,18 | 28,9 | 46,5 | 55,2 | 60,0 | | | |
| | 20 | 3602 | 1,5 | 73,50 | 28,5 | 46,5 | 55,4 | 60,0 | | | |
| | 24 | 2926 | 1,9 | 59,66 | 28,0 | 46,5 | 56,6 | 60,0 | | | |
| | 29 | 2503 | 2,0 | 51,07 | 27,5 | 46,5 | 57,2 | 60,0 | | | |
| | 34 | 2081 | 2,2 | 42,46 | 26,7 | 46,0 | 55,6 | 60,0 | | | |
| | 40 | 1779 | 2,6 | 36,34 | 26,0 | 44,0 | 53,6 | 60,0 | | | |
| | 47 | 1516 | 3,0 | 30,91 | 25,2 | 42,0 | 51,6 | 60,0 | | | |
| | 24 | 2995 | 1,5 | 61,08 | 28,6 | 46,5 | 56,5 | 60,0 | **SK 6282 - 132 MP/4** | 237 | D70 |
| | 29 | 2442 | 1,7 | 49,75 | 27,5 | 46,5 | 57,3 | 60,0 | | | |
| | 37 | 1935 | 1,7 | 39,48 | 26,4 | 45,1 | 54,7 | 60,0 | | | |
| | 49 | 1466 | 3,1 | 29,90 | 25,2 | 42,0 | 51,4 | 60,0 | | | |
| | 56 | 1276 | 3,6 | 26,05 | 24,5 | 40,0 | 49,6 | 60,0 | | | |
| | 26 | 2725 | 0,9 | 55,55 | 16,6 | 31,8 | 38,8 | 40,0 | **SK 5282 - 132 MP/4** | 153 | D68 |
| | 28 | 2524 | 1,3 | 51,49 | 16,6 | 32,0 | 38,3 | 40,0 | | | |
| | 35 | 2058 | 1,6 | 41,94 | 16,2 | 32,0 | 36,5 | 40,0 | | | |
| | 36 | 2001 | 1,2 | 40,80 | 16,4 | 30,8 | 36,6 | 40,0 | | | |
| | 41 | 1739 | 1,6 | 35,46 | 15,9 | 31,0 | 35,2 | 40,0 | | | |
| | 44 | 1639 | 1,4 | 33,43 | 16,1 | 29,8 | 35,2 | 40,0 | | | |
| | 48 | 1495 | 1,9 | 30,50 | 15,9 | 30,4 | 34,3 | 40,0 | | | |
| | 58 | 1224 | 2,4 | 25,00 | 15,4 | 28,9 | 32,9 | 40,0 | | | |
| | 72 | 999 | 3,1 | 20,36 | 14,7 | 27,0 | 31,2 | 40,0 | | | |
| | 77 | 925 | 2,8 | 18,88 | 14,6 | 26,6 | 30,7 | 40,0 | | | |
| | 36 | 2001 | 0,8 | 40,74 | 9,2 | 17,6 | 24,2 | 30,0 | **SK 4282 - 132 MP/4** | 117 | D66 |
| | 38 | 1881 | 1,1 | 38,31 | 8,9 | 17,1 | 23,7 | 30,0 | | | |
| | 40 | 1807 | 0,8 | 36,81 | 9,2 | 17,5 | 23,8 | 30,0 | | | |
| | 45 | 1585 | 1,0 | 32,34 | 9,5 | 17,8 | 23,4 | 30,0 | | | |
| | 46 | 1572 | 1,1 | 32,04 | 9,1 | 17,2 | 23,1 | 30,0 | | | |
| | 55 | 1296 | 1,4 | 26,43 | 9,5 | 17,6 | 22,6 | 30,0 | | | |
| | 56 | 1288 | 1,2 | 26,25 | 9,6 | 17,8 | 22,6 | 30,0 | | | |
| | 65 | 1098 | 1,5 | 22,39 | 9,3 | 17,1 | 21,8 | 30,0 | | | |
| | 68 | 1053 | 1,6 | 21,45 | 9,4 | 17,3 | 21,7 | 30,0 | | | |
| | 80 | 892 | 2,0 | 18,18 | 9,2 | 16,7 | 20,9 | 30,0 | | | |
| | 96 | 745 | 2,4 | 15,20 | 9,0 | 16,1 | 20,1 | 30,0 | | | |
| | 115 | 621 | 2,8 | 12,68 | 8,7 | 15,3 | 19,2 | 30,0 | | | |
| | 135 | 531 | 3,2 | 10,85 | 8,5 | 14,8 | 18,6 | 30,0 | | | |
| | 158 | 453 | 3,6 | 9,23 | 8,3 | 14,2 | 17,9 | 29,6 | | | |
| | 175 | 409 | 3,1 | 8,33 | 8,0 | 13,5 | 17,3 | 28,7 | | | |
| | 205 | 350 | 3,4 | 7,13 | 7,7 | 13,0 | 16,7 | 27,8 | | | |
| | 240 | 298 | 4,0 | 6,06 | 7,4 | 12,4 | 16,0 | 26,7 | | | |
| | 268 | 267 | 3,9 | 5,43 | 7,2 | 12,0 | 15,6 | 26,0 | | | |
| | 292 | 245 | 4,2 | 5,00 | 7,1 | 11,6 | 15,2 | 25,4 | | | |
| | 72 | 988 | 0,8 | 20,18 | 4,7 | 8,2 | 13,7 | 19,4 | **SK 3282 - 132 MP/4** | 102 | D64 |
| | 88 | 817 | 1,0 | 16,67 | 4,9 | 8,4 | 13,2 | 19,1 | | | |
| | 104 | 691 | 1,2 | 14,11 | 4,9 | 8,4 | 12,9 | 18,7 | | | |
| | 129 | 557 | 1,5 | 11,38 | 5,0 | 8,4 | 12,4 | 18,2 | | | |
| | 149 | 479 | 1,7 | 9,80 | 4,9 | 8,2 | 12,1 | 17,8 | | | |
| | 174 | 412 | 1,6 | 8,31 | 4,8 | 7,9 | 11,6 | 17,2 | | | |
| | 216 | 332 | 1,8 | 6,70 | 4,7 | 7,6 | 11,1 | 16,5 | | | |
| | 255 | 281 | 2,0 | 5,74 | 4,6 | 7,4 | 10,7 | 16,0 | | | |
| | 321 | 223 | 2,1 | 4,48 | 4,4 | 7,1 | 10,1 | 15,2 | | | |
| | 162 | 441 | 0,8 | 9,03 | 4,0 | 7,1 | 10,0 | 15,0 | **SK 2282 - 132 MP/4** | 87 | D62 |
| | 256 | 280 | 0,8 | 5,72 | 3,8 | 6,7 | 9,1 | 15,0 | | | |
| | 324 | 221 | 0,8 | 4,51 | 3,8 | 6,5 | 8,6 | 15,0 | | | |

IE3

# 9,20 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9,20 | 4,3 | 20510 | 1,6 | 343,19 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 160 SP/4** | 1090 | D78-79 |
| | 4,7 | 18660 | 1,6 | 312,23 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,2 | 16971 | 1,6 | 283,96 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,7 | 15440 | 1,6 | 258,35 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 6,5 | 13503 | 3,5 | 225,94 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,2 | 12285 | 3,5 | 205,57 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,9 | 11173 | 3,9 | 186,95 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 8,5 | 10325 | 4,5 | 172,76 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 9,4 | 9393 | 4,5 | 157,18 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 3,3 | 26950 | 0,9 | 449,57 | 51,0 | 102,0 | 120,0 | 130,0 | **SK 9382/42 - 160 SP/4** | 810 | D77<br>D82 |
| | 3,6 | 24530 | 1,0 | 411,63 | 52,6 | 102,0 | 120,0 | 130,0 | **SK 9382/52 - 160 SP/4** | 839 | D77<br>D86 |
| | 4,2 | 21050 | 1,2 | 352,36 | 70,3 | 102,0 | 120,0 | 130,0 | **SK 9382 - 160 SP/4** | 765 | D77 |
| | 5,1 | 17390 | 1,4 | 291,25 | 68,9 | 102,0 | 120,0 | 130,0 | | | |
| | 7,2 | 12230 | 1,8 | 204,68 | 68,4 | 102,0 | 120,0 | 130,0 | | | |
| | 8,4 | 10460 | 2,4 | 175,05 | 67,0 | 102,0 | 120,0 | 130,0 | | | |
| | 10 | 8642 | 2,8 | 144,69 | 64,2 | 102,0 | 120,0 | 130,0 | | | |
| | 11 | 8108 | 3,1 | 135,90 | 64,3 | 102,0 | 120,0 | 130,0 | | | |
| | 13 | 6904 | 3,7 | 115,57 | 62,1 | 102,0 | 117,6 | 130,0 | | | |
| | 15 | 6018 | 4,2 | 100,89 | 60,4 | 102,0 | 113,8 | 130,0 | | | |
| | 6,1 | 14460 | 0,9 | 242,02 | 39,4 | 73,0 | 100,0 | 105,0 | **SK 8382 - 160 SP/4** | 463 | D75 |
| | 7,9 | 11090 | 1,1 | 185,66 | 42,5 | 73,0 | 100,0 | 105,0 | | | |
| | 9,6 | 9130 | 1,4 | 152,83 | 42,4 | 73,0 | 100,0 | 105,0 | | | |
| | 10 | 8601 | 1,5 | 143,91 | 43,2 | 73,0 | 100,0 | 105,0 | | | |
| | 12 | 7081 | 1,8 | 118,47 | 42,4 | 73,0 | 97,1 | 105,0 | | | |
| | 14 | 6163 | 2,0 | 103,21 | 42,0 | 73,0 | 94,7 | 105,0 | | | |
| | 16 | 5426 | 2,2 | 90,94 | 41,4 | 73,0 | 92,2 | 105,0 | | | |
| | 19 | 4524 | 2,7 | 75,69 | 40,5 | 69,4 | 88,5 | 105,0 | | | |
| | 23 | 3894 | 2,9 | 65,22 | 39,4 | 66,8 | 85,5 | 105,0 | | | |
| | 20 | 4313 | 1,8 | 72,21 | 40,3 | 69,1 | 0 | 0 | **SK 8282 - 160 SP/4** | 459 | D74 |
| | 9,8 | 8984 | 0,8 | 150,57 | 29,4 | 58,0 | 71,4 | 80,0 | **SK 7382 - 160 SP/4** | 338 | D73 |
| | 12 | 7358 | 1,0 | 123,37 | 30,7 | 58,0 | 75,2 | 80,0 | | | |
| | 14 | 6367 | 1,2 | 106,59 | 31,0 | 58,0 | 77,2 | 80,0 | | | |
| | 16 | 5561 | 1,4 | 93,18 | 31,1 | 58,0 | 78,1 | 80,0 | | | |
| | 19 | 4707 | 1,6 | 78,81 | 30,6 | 56,0 | 75,4 | 80,0 | | | |
| | 22 | 4073 | 1,8 | 68,10 | 30,5 | 54,6 | 73,4 | 80,0 | | | |
| | 25 | 3557 | 2,0 | 59,52 | 30,0 | 52,9 | 71,2 | 80,0 | | | |
| | 28 | 3193 | 2,2 | 53,38 | 29,9 | 52,0 | 69,8 | 80,0 | | | |
| | 32 | 2789 | 2,5 | 46,66 | 29,2 | 50,4 | 67,6 | 80,0 | | | |
| | 21 | 4172 | 1,4 | 69,73 | 31,1 | 55,9 | 74,2 | 80,0 | **SK 7282 - 160 SP/4** | 331 | D72 |
| | 26 | 3401 | 1,6 | 56,91 | 30,1 | 52,9 | 70,7 | 80,0 | | | |
| | 32 | 2729 | 2,1 | 45,67 | 29,4 | 50,4 | 67,5 | 80,0 | | | |
| | 33 | 2693 | 1,6 | 45,02 | 28,9 | 49,5 | 66,9 | 80,0 | | | |
| | 39 | 2224 | 2,9 | 37,27 | 28,1 | 47,4 | 64,2 | 80,0 | | | |
| | 13 | 6861 | 0,9 | 114,79 | 17,7 | 46,5 | 44,8 | 60,0 | **SK 6382 - 160 SP/4** | 265 | D71 |
| | 16 | 5539 | 1,1 | 92,63 | 25,7 | 46,5 | 50,2 | 60,0 | | | |
| | 20 | 4500 | 1,3 | 75,18 | 26,1 | 46,5 | 53,3 | 60,0 | | | |
| | 25 | 3565 | 1,5 | 59,66 | 25,8 | 46,5 | 55,5 | 60,0 | | | |
| | 29 | 3049 | 1,7 | 51,07 | 25,6 | 45,1 | 56,4 | 60,0 | | | |
| | 35 | 2535 | 1,8 | 42,46 | 25,2 | 43,3 | 54,4 | 60,0 | | | |
| | 41 | 2168 | 2,1 | 36,34 | 24,6 | 41,8 | 52,6 | 60,0 | | | |
| | 48 | 1847 | 2,5 | 30,91 | 24,0 | 40,0 | 50,6 | 60,0 | | | |
| | 24 | 3649 | 1,2 | 61,08 | 26,5 | 46,5 | 55,3 | 60,0 | **SK 6282 - 160 SP/4** | 268 | D70 |
| | 30 | 2976 | 1,4 | 49,75 | 25,9 | 45,2 | 56,3 | 60,0 | | | |
| | 37 | 2357 | 1,4 | 39,48 | 25,0 | 42,6 | 53,5 | 60,0 | | | |
| | 49 | 1786 | 2,5 | 29,90 | 24,2 | 40,2 | 50,5 | 60,0 | | | |
| | 56 | 1555 | 2,9 | 26,05 | 23,6 | 38,7 | 48,8 | 60,0 | | | |
| | 64 | 1369 | 3,3 | 22,95 | 23,0 | 37,2 | 47,4 | 60,0 | | | |

# 9,20 kW
# 11,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9,20** | 36 | 2438 | 1,0 | 40,80 | 15,0 | 27,8 | 35,5 | 40,0 | **SK 5282 - 160 SP/4** | 184 | D68 |
| | 44 | 1997 | 1,2 | 33,43 | 14,9 | 27,2 | 34,1 | 40,0 | | | |
| | 48 | 1821 | 1,6 | 30,50 | 14,8 | 28,4 | 33,4 | 40,0 | | | |
| | 59 | 1492 | 1,9 | 25,00 | 14,5 | 27,2 | 32,1 | 40,0 | | | |
| | 72 | 1217 | 2,5 | 20,36 | 13,9 | 25,7 | 30,6 | 40,0 | | | |
| | 78 | 1127 | 2,3 | 18,88 | 13,9 | 25,4 | 30,1 | 40,0 | | | |
| | 83 | 1053 | 2,6 | 17,59 | 13,6 | 24,7 | 29,5 | 40,0 | | | |
| | 96 | 919 | 2,8 | 15,38 | 13,3 | 23,9 | 28,7 | 40,0 | | | |
| | 46 | 1931 | 0,8 | 32,34 | 8,1 | 15,0 | 22,2 | 30,0 | **SK 4282 - 160 SP/4** | 148 | D66 |
| | 56 | 1578 | 1,1 | 26,43 | 8,3 | 15,3 | 21,6 | 30,0 | | | |
| | 66 | 1337 | 1,3 | 22,39 | 8,4 | 15,1 | 21,0 | 30,0 | | | |
| | 69 | 1282 | 1,3 | 21,45 | 8,5 | 15,4 | 21,0 | 30,0 | | | |
| | 81 | 1087 | 1,7 | 18,18 | 8,5 | 15,0 | 20,3 | 30,0 | | | |
| | 97 | 908 | 2,0 | 15,20 | 8,4 | 14,7 | 19,5 | 30,0 | | | |
| | 116 | 757 | 2,3 | 12,68 | 8,1 | 14,1 | 18,8 | 30,0 | | | |
| | 136 | 647 | 2,6 | 10,85 | 8,0 | 13,8 | 18,1 | 29,8 | | | |
| | 159 | 552 | 3,0 | 9,23 | 7,8 | 13,4 | 17,5 | 28,9 | | | |
| | 176 | 498 | 2,6 | 8,33 | 7,6 | 12,7 | 17,0 | 28,1 | | | |
| | 206 | 426 | 2,8 | 7,13 | 7,4 | 12,3 | 16,4 | 27,1 | | | |
| | 242 | 363 | 3,3 | 6,06 | 7,2 | 11,8 | 15,7 | 26,1 | | | |
| | 270 | 325 | 3,2 | 5,43 | 7,0 | 11,4 | 15,3 | 25,5 | | | |
| | 294 | 299 | 3,5 | 5,00 | 6,9 | 11,2 | 15,0 | 25,0 | | | |
| | 312 | 282 | 3,7 | 4,70 | 6,8 | 11,0 | 14,8 | 24,6 | | | |
| **11,0** | 4,3 | 24607 | 1,4 | 343,19 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 160 MP/4** | 1090 | D78-79 |
| | 4,7 | 22388 | 1,4 | 312,23 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,2 | 20360 | 1,4 | 283,96 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,7 | 18524 | 1,4 | 258,35 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 6,5 | 16201 | 2,9 | 225,94 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,1 | 14739 | 2,9 | 205,57 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,8 | 13404 | 3,3 | 186,95 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 8,5 | 12387 | 3,7 | 172,76 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 9,3 | 11270 | 3,7 | 157,18 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 3,6 | 29430 | 0,8 | 411,63 | 43,3 | 91,3 | 120,0 | 130,0 | **SK 9382/52 - 160 MP/4** | 839 | D77<br>D86 |
| | 4,2 | 25250 | 1,0 | 352,36 | 62,3 | 102,0 | 120,0 | 130,0 | **SK 9382 - 160 MP/4** | 765 | D77 |
| | 5,0 | 20860 | 1,2 | 291,25 | 62,4 | 102,0 | 120,0 | 130,0 | | | |
| | 7,2 | 14670 | 1,5 | 204,68 | 64,0 | 102,0 | 120,0 | 130,0 | | | |
| | 8,4 | 12550 | 2,0 | 175,05 | 63,1 | 102,0 | 120,0 | 130,0 | | | |
| | 10 | 10370 | 2,3 | 144,69 | 61,2 | 102,0 | 120,0 | 130,0 | | | |
| | 11 | 9727 | 2,6 | 135,90 | 61,3 | 102,0 | 120,0 | 130,0 | | | |
| | 13 | 8283 | 3,1 | 115,57 | 59,8 | 102,0 | 115,8 | 130,0 | | | |
| | 15 | 7220 | 3,5 | 100,89 | 58,3 | 102,0 | 112,4 | 130,0 | | | |
| | 18 | 5965 | 4,0 | 83,19 | 55,7 | 96,3 | 106,6 | 130,0 | | | |
| | 6,1 | 17350 | 0,8 | 242,02 | 31,8 | 68,7 | 100,0 | 105,0 | **SK 8382 - 160 MP/4** | 463 | D75 |
| | 7,9 | 13300 | 1,0 | 185,66 | 36,9 | 73,0 | 100,0 | 105,0 | | | |
| | 9,6 | 10950 | 1,2 | 152,83 | 37,7 | 72,3 | 98,0 | 105,0 | | | |
| | 10 | 10320 | 1,2 | 143,91 | 38,8 | 73,0 | 97,7 | 105,0 | | | |
| | 12 | 8495 | 1,5 | 118,47 | 38,7 | 70,8 | 94,2 | 105,0 | | | |
| | 14 | 7395 | 1,6 | 103,21 | 38,9 | 69,6 | 92,1 | 105,0 | | | |
| | 16 | 6510 | 1,9 | 90,94 | 38,7 | 68,2 | 89,8 | 105,0 | | | |
| | 19 | 5428 | 2,2 | 75,69 | 38,2 | 66,0 | 86,8 | 105,0 | | | |
| | 22 | 4672 | 2,4 | 65,22 | 37,6 | 63,6 | 83,9 | 105,0 | | | |
| | 26 | 4110 | 2,9 | 57,43 | 36,9 | 61,7 | 81,6 | 105,0 | | | |
| | 31 | 3427 | 3,5 | 47,80 | 35,8 | 58,7 | 78,2 | 105,0 | | | |
| | 34 | 3120 | 3,4 | 43,59 | 35,5 | 57,5 | 76,7 | 105,0 | | | |
| | 20 | 5174 | 1,5 | 72,21 | 38,3 | 66,0 | 0 | 0 | **SK 8282 - 160 MP/4** | 459 | D74 |
| | 25 | 4260 | 1,5 | 59,44 | 37,1 | 62,2 | 0 | 0 | | | |
| | 31 | 3407 | 3,1 | 47,51 | 36,0 | 59,0 | 0 | 0 | | | |
| | 37 | 2805 | 3,3 | 39,11 | 34,5 | 55,5 | 0 | 0 | | | |
| | 12 | 8828 | 0,9 | 123,37 | 26,4 | 52,4 | 71,9 | 80,0 | **SK 7382 - 160 MP/4** | 338 | D73 |
| | 14 | 7638 | 1,0 | 106,59 | 27,3 | 52,9 | 74,7 | 80,0 | | | |
| | 16 | 6672 | 1,1 | 93,18 | 28,1 | 52,9 | 75,5 | 80,0 | | | |
| | 19 | 5647 | 1,3 | 78,81 | 28,0 | 51,4 | 73,2 | 80,0 | | | |

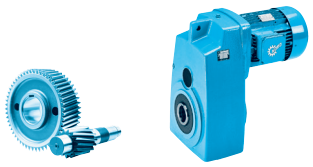
IE3

# 11,0 kW
# 15,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **11,0** | 21 | 4886 | 1,5 | 68,10 | 28,1 | 50,8 | 71,3 | 80,0 | **SK 7382 - 160 MP/4** | 338 | D73 |
| | 25 | 4268 | 1,7 | 59,52 | 28,0 | 49,8 | 69,6 | 80,0 | | | |
| | 27 | 3830 | 1,8 | 53,38 | 28,1 | 49,1 | 68,3 | 80,0 | | | |
| | 31 | 3346 | 2,1 | 46,66 | 27,8 | 47,8 | 66,4 | 80,0 | | | |
| | 21 | 5005 | 1,2 | 69,73 | 28,9 | 52,2 | 72,4 | 80,0 | **SK 7282 - 160 MP/4** | 331 | D72 |
| | 26 | 4080 | 1,4 | 56,91 | 28,2 | 49,8 | 69,1 | 80,0 | | | |
| | 32 | 3274 | 1,8 | 45,67 | 28,1 | 48,0 | 66,3 | 80,0 | | | |
| | 33 | 3231 | 1,4 | 45,02 | 27,4 | 46,9 | 65,6 | 80,0 | | | |
| | 39 | 2669 | 2,4 | 37,27 | 27,0 | 45,2 | 63,0 | 80,0 | | | |
| | 42 | 2487 | 2,3 | 34,64 | 26,9 | 44,7 | 62,2 | 80,0 | | | |
| | 16 | 6645 | 0,9 | 92,63 | 20,4 | 43,3 | 45,9 | 60,0 | **SK 6382 - 160 MP/4** | 265 | D71 |
| | 19 | 5399 | 1,1 | 75,18 | 23,3 | 43,8 | 50,7 | 60,0 | | | |
| | 20 | 5264 | 1,1 | 73,50 | 22,9 | 42,9 | 51,1 | 60,0 | | | |
| | 25 | 4277 | 1,3 | 59,66 | 23,5 | 42,5 | 53,9 | 60,0 | | | |
| | 29 | 3658 | 1,4 | 51,07 | 23,7 | 41,8 | 54,8 | 60,0 | | | |
| | 35 | 3041 | 1,5 | 42,46 | 23,6 | 40,8 | 52,9 | 60,0 | | | |
| | 40 | 2601 | 1,7 | 36,34 | 23,3 | 39,5 | 51,4 | 60,0 | | | |
| | 47 | 2216 | 2,1 | 30,91 | 22,9 | 38,0 | 49,6 | 60,0 | | | |
| | 24 | 4377 | 1,0 | 61,08 | 24,4 | 43,9 | 53,6 | 60,0 | **SK 6282 - 160 MP/4** | 268 | D70 |
| | 29 | 3570 | 1,1 | 49,75 | 23,9 | 42,1 | 54,8 | 60,0 | | | |
| | 37 | 2828 | 1,1 | 39,48 | 23,4 | 40,1 | 52,2 | 60,0 | | | |
| | 49 | 2143 | 2,1 | 29,90 | 23,2 | 38,4 | 49,6 | 60,0 | | | |
| | 56 | 1866 | 2,4 | 26,05 | 22,7 | 37,2 | 48,1 | 60,0 | | | |
| | 64 | 1642 | 2,8 | 22,95 | 22,2 | 35,7 | 46,7 | 60,0 | | | |
| | 78 | 1339 | 3,3 | 18,70 | 21,1 | 33,4 | 44,3 | 60,0 | | | |
| | 36 | 2925 | 0,9 | 40,80 | 13,4 | 24,6 | 34,1 | 40,0 | **SK 5282 - 160 MP/4** | 184 | D68 |
| | 44 | 2395 | 1,0 | 33,43 | 13,7 | 24,6 | 33,1 | 40,0 | | | |
| | 48 | 2185 | 1,3 | 30,50 | 13,7 | 26,4 | 32,5 | 40,0 | | | |
| | 59 | 1790 | 1,6 | 25,00 | 13,6 | 25,6 | 31,4 | 40,0 | | | |
| | 72 | 1459 | 2,1 | 20,36 | 13,2 | 24,3 | 29,9 | 40,0 | | | |
| | 78 | 1353 | 1,9 | 18,88 | 13,3 | 24,1 | 29,6 | 40,0 | | | |
| | 83 | 1263 | 2,2 | 17,59 | 13,0 | 23,6 | 29,0 | 40,0 | | | |
| | 95 | 1103 | 2,4 | 15,38 | 12,8 | 22,7 | 28,1 | 40,0 | | | |
| | 113 | 932 | 2,8 | 13,00 | 12,4 | 21,6 | 27,0 | 40,0 | | | |
| | 55 | 1894 | 0,9 | 26,43 | 7,1 | 12,9 | 20,6 | 30,0 | **SK 4282 - 160 MP/4** | 148 | D66 |
| | 56 | 1882 | 0,9 | 26,25 | 7,2 | 13,1 | 20,7 | 30,0 | | | |
| | 65 | 1605 | 1,1 | 22,39 | 7,3 | 13,0 | 20,1 | 30,0 | | | |
| | 68 | 1539 | 1,1 | 21,45 | 7,6 | 13,4 | 20,2 | 30,0 | | | |
| | 81 | 1304 | 1,4 | 18,18 | 7,6 | 13,4 | 19,6 | 30,0 | | | |
| | 96 | 1089 | 1,7 | 15,20 | 7,7 | 13,2 | 19,0 | 30,0 | | | |
| | 116 | 908 | 1,9 | 12,68 | 7,5 | 12,9 | 18,3 | 29,6 | | | |
| | 135 | 777 | 2,2 | 10,85 | 7,5 | 12,7 | 17,7 | 28,9 | | | |
| | 159 | 662 | 2,5 | 9,23 | 7,4 | 12,5 | 17,2 | 28,1 | | | |
| | 176 | 598 | 2,1 | 8,33 | 7,1 | 11,8 | 16,6 | 27,3 | | | |
| | 206 | 511 | 2,4 | 7,13 | 7,0 | 11,5 | 16,1 | 26,5 | | | |
| | 241 | 435 | 2,8 | 6,06 | 6,9 | 11,2 | 15,5 | 25,6 | | | |
| | 269 | 390 | 2,7 | 5,43 | 6,7 | 10,9 | 15,1 | 25,0 | | | |
| | 293 | 359 | 2,9 | 5,00 | 6,6 | 10,7 | 14,8 | 24,6 | | | |
| | 311 | 338 | 3,1 | 4,70 | 6,6 | 10,5 | 14,6 | 24,2 | | | |
| **15,0** | 8,8 | 16345 | 4,4 | 167,17 | 160,0 | 170,0 | 160,0 | 170,0 | **SK 11382.1 - 160 LP/4** | 1720 | D80-81 |
| | 4,3 | 33555 | 1,0 | 343,19 | 132,4 | 150,0 | 132,4 | 150,0 | **SK 10382.1 - 160 LP/4** | 1120 | D78-79 |
| | 4,7 | 30529 | 1,0 | 312,23 | 137,0 | 150,0 | 137,0 | 150,0 | | | |
| | 5,2 | 27764 | 1,0 | 283,96 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,7 | 25260 | 1,0 | 258,35 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 6,5 | 22092 | 2,1 | 225,94 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,1 | 20099 | 2,1 | 205,57 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 7,8 | 18279 | 2,4 | 186,95 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 8,5 | 16891 | 2,7 | 172,76 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 9,3 | 15368 | 2,7 | 157,18 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 5,0 | 28450 | 0,8 | 291,25 | 47,5 | 101,0 | 120,0 | 130,0 | **SK 9382 - 160 LP/4** | 794 | D77 |
| | 7,2 | 20010 | 1,1 | 204,68 | 54,1 | 102,0 | 120,0 | 130,0 | | | |
| | 8,4 | 17110 | 1,5 | 175,05 | 54,8 | 102,0 | 120,0 | 130,0 | | | |
| | 10 | 14140 | 1,7 | 144,69 | 54,1 | 100,1 | 116,7 | 130,0 | | | |

# 15,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15,0 | 11 | 13260 | 1,9 | 135,90 | 54,9 | 100,4 | 115,9 | 130,0 | **SK 9382 - 160 LP/4** | 794 | D77 |
| | 13 | 11290 | 2,2 | 115,57 | 54,4 | 97,4 | 112,1 | 130,0 | | | |
| | 15 | 9845 | 2,6 | 100,89 | 53,8 | 94,6 | 108,8 | 130,0 | | | |
| | 18 | 8134 | 3,0 | 83,19 | 51,7 | 89,4 | 103,9 | 130,0 | | | |
| | 20 | 7056 | 3,4 | 72,19 | 50,6 | 86,2 | 100,6 | 130,0 | | | |
| | 22 | 6369 | 3,8 | 65,25 | 49,8 | 84,1 | 98,0 | 129,1 | | | |
| | 9,6 | 14940 | 0,9 | 152,83 | 27,0 | 55,5 | 89,0 | 105,0 | **SK 8382 - 160 LP/4** | 492 | D75 |
| | 10 | 14070 | 0,9 | 143,91 | 29,1 | 57,8 | 89,6 | 105,0 | | | |
| | 12 | 11580 | 1,1 | 118,47 | 30,6 | 57,8 | 87,5 | 105,0 | | | |
| | 14 | 10080 | 1,2 | 103,21 | 32,0 | 58,4 | 86,1 | 105,0 | | | |
| | 16 | 8877 | 1,4 | 90,94 | 32,7 | 58,4 | 84,9 | 105,0 | | | |
| | 19 | 7402 | 1,6 | 75,69 | 33,2 | 57,8 | 82,5 | 105,0 | | | |
| | 22 | 6371 | 1,8 | 65,22 | 33,2 | 56,7 | 80,5 | 105,0 | | | |
| | 26 | 5604 | 2,2 | 57,43 | 33,1 | 55,6 | 78,4 | 105,0 | | | |
| | 31 | 4673 | 2,6 | 47,80 | 32,7 | 53,8 | 75,6 | 105,0 | | | |
| | 34 | 4255 | 2,5 | 43,59 | 32,8 | 53,0 | 74,4 | 105,0 | | | |
| | 41 | 3503 | 3,4 | 35,88 | 31,6 | 50,2 | 71,0 | 102,0 | | | |
| | 20 | 7056 | 1,1 | 72,21 | 33,7 | 58,4 | 0 | 0 | **SK 8282 - 160 LP/4** | 488 | D74 |
| | 25 | 5809 | 1,1 | 59,44 | 33,2 | 56,1 | 0 | 0 | | | |
| | 31 | 4645 | 2,3 | 47,51 | 33,0 | 54,1 | 0 | 0 | | | |
| | 37 | 3824 | 2,4 | 39,11 | 31,9 | 51,3 | 0 | 0 | | | |
| | 16 | 9098 | 0,8 | 93,18 | 20,8 | 41,5 | 69,6 | 80,0 | **SK 7382 - 160 LP/4** | 367 | D73 |
| | 19 | 7700 | 1,0 | 78,81 | 21,9 | 41,5 | 68,1 | 80,0 | | | |
| | 21 | 6663 | 1,1 | 68,10 | 22,9 | 42,4 | 66,9 | 80,0 | | | |
| | 25 | 5820 | 1,2 | 59,52 | 23,5 | 42,4 | 65,8 | 80,0 | | | |
| | 27 | 5223 | 1,4 | 53,38 | 24,2 | 42,8 | 65,0 | 80,0 | | | |
| | 31 | 4562 | 1,6 | 46,66 | 24,3 | 42,1 | 63,4 | 80,0 | | | |
| | 40 | 3613 | 1,8 | 36,92 | 24,0 | 40,3 | 60,4 | 80,0 | | | |
| | 48 | 2981 | 2,2 | 30,42 | 23,7 | 39,0 | 58,0 | 80,0 | | | |
| | 21 | 6825 | 0,9 | 69,73 | 23,9 | 44,1 | 68,2 | 80,0 | **SK 7282 - 160 LP/4** | 360 | D72 |
| | 26 | 5564 | 1,0 | 56,91 | 24,0 | 42,8 | 65,6 | 80,0 | | | |
| | 32 | 4464 | 1,3 | 45,67 | 24,9 | 42,8 | 63,6 | 80,0 | | | |
| | 33 | 4406 | 1,0 | 45,02 | 24,1 | 41,5 | 62,7 | 80,0 | | | |
| | 39 | 3639 | 1,8 | 37,27 | 24,2 | 40,8 | 60,9 | 80,0 | | | |
| | 42 | 3392 | 1,7 | 34,64 | 24,5 | 40,8 | 60,2 | 80,0 | | | |
| | 54 | 2629 | 2,2 | 26,89 | 23,8 | 38,7 | 56,9 | 80,0 | | | |
| | 64 | 2239 | 2,6 | 22,87 | 23,2 | 37,0 | 54,8 | 79,9 | | | |
| | 73 | 1951 | 3,0 | 19,97 | 22,7 | 35,6 | 53,0 | 77,3 | | | |
| | 90 | 1591 | 4,1 | 16,29 | 21,6 | 33,3 | 50,3 | 73,4 | | | |
| | 19 | 7363 | 0,8 | 75,18 | 10,4 | 33,3 | 42,4 | 60,0 | **SK 6382 - 160 LP/4** | 294 | D71 |
| | 20 | 7179 | 0,8 | 73,50 | 13,5 | 32,6 | 43,3 | 60,0 | | | |
| | 25 | 5833 | 0,9 | 59,66 | 18,2 | 34,3 | 49,2 | 60,0 | | | |
| | 29 | 4988 | 1,0 | 51,07 | 19,2 | 34,7 | 51,0 | 60,0 | | | |
| | 35 | 4147 | 1,1 | 42,46 | 19,9 | 34,8 | 50,0 | 60,0 | | | |
| | 40 | 3546 | 1,3 | 36,34 | 20,1 | 34,5 | 48,7 | 60,0 | | | |
| | 47 | 3021 | 1,5 | 30,91 | 20,3 | 34,0 | 47,6 | 60,0 | | | |
| | 51 | 2802 | 1,6 | 28,72 | 20,3 | 33,6 | 46,9 | 60,0 | | | |
| | 60 | 2388 | 2,0 | 24,42 | 20,1 | 32,6 | 45,3 | 60,0 | | | |
| | 24 | 5969 | 0,8 | 61,08 | 19,2 | 35,8 | 48,7 | 60,0 | **SK 6282 - 160 LP/4** | 297 | D70 |
| | 29 | 4868 | 0,8 | 49,75 | 19,7 | 35,3 | 51,3 | 60,0 | | | |
| | 37 | 3857 | 0,8 | 39,48 | 20,0 | 34,7 | 49,3 | 60,0 | | | |
| | 49 | 2923 | 1,6 | 29,90 | 20,8 | 34,7 | 47,7 | 60,0 | | | |
| | 56 | 2544 | 1,8 | 26,05 | 20,6 | 33,7 | 46,4 | 60,0 | | | |
| | 64 | 2240 | 2,0 | 22,95 | 20,4 | 32,9 | 45,1 | 60,0 | | | |
| | 78 | 1827 | 2,4 | 18,70 | 19,6 | 31,0 | 43,0 | 60,0 | | | |
| | 99 | 1447 | 3,1 | 14,83 | 18,8 | 29,0 | 40,7 | 58,5 | | | |
| | 48 | 2979 | 1,0 | 30,50 | 11,2 | 21,8 | 30,4 | 40,0 | **SK 5282 - 160 LP/4** | 213 | D68 |
| | 59 | 2440 | 1,2 | 25,00 | 11,5 | 21,8 | 29,6 | 40,0 | | | |
| | 72 | 1990 | 1,6 | 20,36 | 11,5 | 21,1 | 28,5 | 40,0 | | | |
| | 78 | 1844 | 1,4 | 18,88 | 11,7 | 21,4 | 28,3 | 40,0 | | | |
| | 83 | 1722 | 1,6 | 17,59 | 11,5 | 20,9 | 27,7 | 40,0 | | | |
| | 95 | 1504 | 1,7 | 15,38 | 11,5 | 20,5 | 27,0 | 40,0 | | | |
| | 113 | 1271 | 2,1 | 13,00 | 11,2 | 19,6 | 26,1 | 40,0 | | | |
| | 137 | 1049 | 2,4 | 10,71 | 11,0 | 18,9 | 25,0 | 40,0 | | | |

IE3

# 15,0 kW
# 18,5 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **15,0** | 155 | 926 | 2,5 | 9,46 | 10,8 | 18,3 | 24,3 | 40,0 | **SK 5282 - 160 LP/4** | 213 | D68 |
| | 169 | 850 | 2,8 | 8,70 | 10,5 | 17,6 | 23,7 | 39,7 | | | |
| | 204 | 701 | 3,1 | 7,17 | 10,1 | 16,8 | 22,7 | 37,9 | | | |
| | 231 | 619 | 3,4 | 6,33 | 9,9 | 16,2 | 22,0 | 36,8 | | | |
| | 258 | 556 | 3,2 | 5,71 | 9,7 | 15,7 | 21,5 | 35,9 | | | |
| | 278 | 515 | 3,4 | 5,29 | 9,6 | 15,4 | 21,1 | 35,2 | | | |
| | 292 | 491 | 3,5 | 5,01 | 9,5 | 15,1 | 20,8 | 34,8 | | | |
| | 65 | 2188 | 0,8 | 22,39 | 4,8 | 8,4 | 18,1 | 27,9 | **SK 4282 - 160 LP/4** | 177 | D66 |
| | 68 | 2098 | 0,8 | 21,45 | 5,2 | 9,1 | 18,3 | 28,4 | | | |
| | 81 | 1778 | 1,0 | 18,18 | 5,6 | 9,6 | 18,0 | 28,1 | | | |
| | 96 | 1485 | 1,2 | 15,20 | 6,0 | 10,1 | 17,6 | 27,9 | | | |
| | 116 | 1238 | 1,4 | 12,68 | 6,2 | 10,2 | 17,1 | 27,3 | | | |
| | 135 | 1059 | 1,6 | 10,85 | 6,3 | 10,4 | 16,8 | 27,0 | | | |
| | 159 | 902 | 1,8 | 9,23 | 6,5 | 10,5 | 16,4 | 26,4 | | | |
| | 176 | 815 | 1,6 | 8,33 | 6,2 | 10,0 | 15,8 | 25,6 | | | |
| | 206 | 697 | 1,7 | 7,13 | 6,2 | 10,0 | 15,4 | 25,1 | | | |
| | 241 | 594 | 2,0 | 6,06 | 6,2 | 9,8 | 14,9 | 24,4 | | | |
| | 269 | 532 | 1,9 | 5,43 | 6,1 | 9,7 | 14,6 | 23,9 | | | |
| | 293 | 489 | 2,1 | 5,00 | 6,1 | 9,6 | 14,3 | 23,6 | | | |
| | 311 | 461 | 2,2 | 4,70 | 6,0 | 9,5 | 14,1 | 23,3 | | | |
| **18,5** | 8,9 | 19955 | 3,6 | 167,17 | 160,0 | 170,0 | 160,0 | 170,0 | **SK 11382.1 - 180 MP/4** | 1760 | D80-81 |
| | 10 | 16919 | 4,2 | 141,74 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 11 | 15520 | 4,5 | 130,02 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 9 | 20621 | 2,2 | 172,76 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 180 MP/4** | 1160 | D78-79 |
| | 9 | 18761 | 2,2 | 157,18 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 11 | 16143 | 2,8 | 135,24 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 12 | 14687 | 2,8 | 123,04 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 13,2 | 13357 | 3,4 | 111,90 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 15,4 | 11456 | 3,9 | 95,98 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 17 | 10423 | 3,9 | 87,32 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 19 | 9479 | 4,5 | 79,41 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 20 | 8624 | 4,7 | 72,25 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 6,3 | 27850 | 0,9 | 233,17 | 26,6 | 57,2 | 98,0 | 122,5 | **SK 9382/52 - 180 MP/4** | 901 | D77 |
| | 7,4 | 23930 | 1,0 | 200,69 | 30,4 | 60,8 | 97,4 | 122,7 | | | D86 |
| | 8,5 | 20890 | 1,2 | 175,05 | 47,4 | 91,3 | 116,5 | 130,0 | **SK 9382 - 180 MP/4** | 827 | D77 |
| | 10 | 17260 | 1,4 | 144,69 | 47,7 | 89,4 | 112,2 | 130,0 | | | |
| | 11 | 16190 | 1,6 | 135,90 | 49,2 | 90,6 | 112,0 | 130,0 | | | |
| | 13 | 13790 | 1,8 | 115,57 | 49,5 | 89,4 | 108,7 | 130,0 | | | |
| | 15 | 12020 | 2,1 | 100,89 | 49,5 | 87,6 | 105,8 | 130,0 | | | |
| | 18 | 9930 | 2,4 | 83,19 | 48,2 | 83,3 | 101,2 | 130,0 | | | |
| | 21 | 8614 | 2,8 | 72,19 | 47,5 | 81,0 | 98,3 | 128,5 | | | |
| | 23 | 7775 | 3,1 | 65,25 | 47,0 | 79,2 | 95,9 | 126,1 | | | |
| | 27 | 6620 | 3,6 | 55,49 | 45,9 | 76,1 | 92,5 | 121,5 | | | |
| | 12 | 14140 | 0,9 | 118,47 | 23,5 | 47,2 | 81,3 | 105,0 | **SK 8382 - 180 MP/4** | 525 | D75 |
| | 14 | 12310 | 1,0 | 103,21 | 25,8 | 49,1 | 80,9 | 105,0 | | | |
| | 16 | 10840 | 1,1 | 90,94 | 27,2 | 50,2 | 80,2 | 105,0 | | | |
| | 20 | 9036 | 1,3 | 75,69 | 28,8 | 50,7 | 78,5 | 105,0 | | | |
| | 23 | 7777 | 1,5 | 65,22 | 29,4 | 50,7 | 77,0 | 105,0 | | | |
| | 26 | 6842 | 1,8 | 57,43 | 29,8 | 50,2 | 75,5 | 105,0 | | | |
| | 31 | 5705 | 2,1 | 47,80 | 29,9 | 49,3 | 73,1 | 105,0 | | | |
| | 34 | 5194 | 2,0 | 43,59 | 30,3 | 49,1 | 72,3 | 103,7 | | | |
| | 41 | 4277 | 2,8 | 35,88 | 29,5 | 46,9 | 69,1 | 99,4 | | | |
| | 48 | 3681 | 3,3 | 30,92 | 29,1 | 45,4 | 67,1 | 96,3 | | | |
| | 52 | 3384 | 3,0 | 28,33 | 28,9 | 44,8 | 65,9 | 94,8 | **SK 8282 - 180 MP/4** | 521 | D74 |
| | 19 | 9401 | 0,8 | 78,81 | 16,5 | 33,2 | 63,5 | 80,0 | **SK 7382 - 180 MP/4** | 400 | D73 |
| | 22 | 8134 | 0,9 | 68,10 | 18,2 | 34,9 | 63,2 | 80,0 | | | |
| | 25 | 7105 | 1,0 | 59,52 | 19,6 | 36,0 | 62,2 | 80,0 | | | |
| | 28 | 6377 | 1,1 | 53,38 | 20,7 | 37,1 | 61,9 | 80,0 | | | |
| | 32 | 5570 | 1,3 | 46,66 | 21,4 | 37,3 | 60,9 | 80,0 | | | |

# 18,5 kW
# 22,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18,5 | 40 | 4411 | 1,5 | 36,92 | 21,6 | 36,4 | 58,4 | 80,0 | **SK 7382 - 180 MP/4** | 400 | D73 |
| | 49 | 3639 | 1,8 | 30,42 | 21,7 | 35,6 | 56,3 | 80,0 | | | |
| | 55 | 3214 | 2,1 | 26,88 | 21,6 | 35,0 | 55,0 | 80,0 | | | |
| | 63 | 2803 | 2,4 | 23,46 | 21,4 | 34,2 | 53,5 | 77,8 | | | |
| | 43 | 4141 | 1,4 | 34,64 | 22,3 | 37,3 | 58,3 | 80,0 | **SK 7282 - 180 MP/4** | 393 | D72 |
| | 55 | 3210 | 1,8 | 26,89 | 22,1 | 35,8 | 55,5 | 80,0 | | | |
| | 65 | 2733 | 2,1 | 22,87 | 21,8 | 34,7 | 53,6 | 77,9 | | | |
| | 74 | 2382 | 2,4 | 19,97 | 21,5 | 33,6 | 52,0 | 75,7 | | | |
| | 91 | 1942 | 3,3 | 16,29 | 20,6 | 31,6 | 49,4 | 71,9 | | | |
| | 25 | 7121 | 0,8 | 59,66 | 13,6 | 27,2 | 43,5 | 60,0 | **SK 6382 - 180 MP/4** | 327 | D71 |
| | 29 | 6089 | 0,8 | 51,07 | 15,2 | 28,6 | 47,8 | 60,0 | | | |
| | 35 | 5063 | 0,9 | 42,46 | 16,7 | 29,8 | 47,2 | 60,0 | | | |
| | 41 | 4329 | 1,1 | 36,34 | 17,4 | 30,2 | 46,4 | 60,0 | | | |
| | 48 | 3688 | 1,2 | 30,91 | 17,9 | 30,4 | 45,5 | 60,0 | | | |
| | 52 | 3421 | 1,3 | 28,72 | 18,1 | 30,1 | 45,0 | 60,0 | | | |
| | 61 | 2915 | 1,6 | 24,42 | 18,2 | 29,8 | 43,8 | 60,0 | | | |
| | 50 | 3568 | 1,3 | 29,90 | 18,7 | 31,3 | 45,8 | 60,0 | **SK 6282 - 180 MP/4** | 330 | D70 |
| | 57 | 3106 | 1,5 | 26,05 | 18,8 | 30,8 | 44,8 | 60,0 | | | |
| | 65 | 2734 | 1,7 | 22,95 | 18,8 | 30,4 | 43,8 | 60,0 | | | |
| | 79 | 2230 | 2,0 | 18,70 | 18,3 | 28,9 | 41,9 | 60,0 | | | |
| | 100 | 1767 | 2,5 | 14,83 | 17,7 | 27,3 | 39,7 | 57,1 | | | |
| | 120 | 1473 | 3,0 | 12,35 | 17,3 | 26,1 | 38,2 | 54,9 | | | |
| | 139 | 1268 | 3,4 | 10,64 | 16,9 | 25,1 | 36,9 | 53,0 | | | |
| | 59 | 2979 | 1,0 | 25,00 | 9,7 | 18,7 | 28,1 | 40,0 | **SK 5282 - 180 MP/4** | 246 | D68 |
| | 73 | 2430 | 1,3 | 20,36 | 9,9 | 18,5 | 27,2 | 40,0 | | | |
| | 78 | 2252 | 1,2 | 18,88 | 10,3 | 19,1 | 27,1 | 40,0 | | | |
| | 84 | 2102 | 1,3 | 17,59 | 10,2 | 18,5 | 26,6 | 40,0 | | | |
| | 96 | 1836 | 1,4 | 15,38 | 10,3 | 18,5 | 26,1 | 40,0 | | | |
| | 114 | 1552 | 1,7 | 13,00 | 10,2 | 17,9 | 25,2 | 40,0 | | | |
| | 138 | 1280 | 2,0 | 10,71 | 10,2 | 17,5 | 24,3 | 40,0 | | | |
| | 156 | 1131 | 2,0 | 9,46 | 10,1 | 17,1 | 23,7 | 39,5 | | | |
| | 170 | 1037 | 2,3 | 8,70 | 9,8 | 16,4 | 23,1 | 38,5 | | | |
| | 206 | 856 | 2,5 | 7,17 | 9,6 | 15,8 | 22,1 | 37,0 | | | |
| | 234 | 756 | 2,8 | 6,33 | 9,4 | 15,3 | 21,5 | 36,0 | | | |
| | 260 | 679 | 2,7 | 5,71 | 9,3 | 14,9 | 21,0 | 35,1 | | | |
| | 281 | 629 | 2,8 | 5,29 | 9,1 | 14,6 | 20,7 | 34,5 | | | |
| | 295 | 599 | 2,8 | 5,01 | 9,1 | 14,4 | 20,4 | 34,1 | | | |
| | 343 | 515 | 3,0 | 4,32 | 8,8 | 13,8 | 19,7 | 32,9 | | | |
| | 81 | 2170 | 0,8 | 18,18 | 3,8 | 6,4 | 16,5 | 25,4 | **SK 4282 - 180 MP/4** | 210 | D66 |
| | 97 | 1813 | 1,0 | 15,20 | 4,6 | 7,4 | 16,5 | 25,5 | | | |
| | 117 | 1512 | 1,2 | 12,68 | 4,9 | 7,9 | 16,1 | 25,2 | | | |
| | 137 | 1293 | 1,3 | 10,85 | 5,3 | 8,5 | 15,9 | 25,1 | | | |
| | 160 | 1102 | 1,5 | 9,23 | 5,6 | 8,8 | 15,6 | 24,9 | | | |
| | 178 | 995 | 1,3 | 8,33 | 5,3 | 8,4 | 15,1 | 24,1 | | | |
| | 208 | 851 | 1,4 | 7,13 | 5,5 | 8,6 | 14,8 | 23,8 | | | |
| | 244 | 725 | 1,7 | 6,06 | 5,6 | 8,6 | 14,4 | 23,4 | | | |
| | 272 | 650 | 1,6 | 5,43 | 5,6 | 8,6 | 14,1 | 23,0 | | | |
| | 296 | 597 | 1,7 | 5,00 | 5,6 | 8,6 | 13,9 | 22,7 | | | |
| | 314 | 563 | 1,8 | 4,70 | 5,6 | 8,6 | 13,7 | 22,5 | | | |
| 22,0 | 8,8 | 23811 | 3,0 | 167,17 | 160,0 | 170,0 | 160,0 | 170,0 | **SK 11382.1 - 180 LP/4** | 1760 | D80-81 |
| | 10 | 20188 | 3,5 | 141,74 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 11 | 18519 | 3,8 | 130,02 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 13 | 15924 | 4,3 | 111,80 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 14 | 14497 | 4,7 | 101,78 | 160,0 | 170,0 | 160,0 | 169,1 | | | |
| | 8,5 | 24606 | 1,9 | 172,76 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 180 LP/4** | 1160 | D78-79 |
| | 9,4 | 22387 | 1,9 | 157,18 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 11 | 19262 | 2,4 | 135,24 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 12 | 17525 | 2,4 | 123,04 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 13 | 15938 | 2,8 | 111,90 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 15 | 13670 | 3,2 | 95,98 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 17 | 12437 | 3,3 | 87,32 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 19 | 11311 | 3,8 | 79,41 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 20 | 10290 | 4,0 | 72,25 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 24 | 8698 | 4,8 | 61,07 | 140,0 | 150,0 | 140,0 | 149,9 | | | |

IE3

# 22,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22,0 | 8,4 | 24930 | 1,0 | 175,05 | 39,8 | 79,2 | 111,0 | 130,0 | **SK 9382 - 180 LP/4** | 827 | D77 |
| | 10 | 20600 | 1,2 | 144,69 | 41,3 | 79,2 | 107,8 | 130,0 | | | |
| | 11 | 19320 | 1,3 | 135,90 | 43,3 | 81,6 | 107,9 | 130,0 | | | |
| | 13 | 16450 | 1,5 | 115,57 | 44,7 | 81,6 | 105,3 | 130,0 | | | |
| | 15 | 14340 | 1,8 | 100,89 | 45,1 | 80,8 | 102,9 | 130,0 | | | |
| | 18 | 11850 | 2,0 | 83,19 | 44,8 | 77,5 | 98,7 | 128,1 | | | |
| | 20 | 10280 | 2,3 | 72,19 | 44,5 | 76,1 | 96,1 | 125,1 | | | |
| | 23 | 9277 | 2,6 | 65,25 | 44,2 | 74,5 | 94,0 | 122,7 | | | |
| | 27 | 7899 | 3,0 | 55,49 | 43,6 | 72,3 | 90,8 | 118,8 | | | |
| | 31 | 6886 | 3,5 | 48,44 | 42,9 | 70,1 | 88,1 | 115,6 | | | |
| | 35 | 5973 | 4,0 | 41,93 | 42,0 | 67,3 | 85,2 | 112,0 | | | |
| | 14 | 14690 | 0,8 | 103,21 | 19,3 | 39,7 | 75,6 | 105,0 | **SK 8382 - 180 LP/4** | 525 | D75 |
| | 16 | 12930 | 0,9 | 90,94 | 21,6 | 41,8 | 75,5 | 105,0 | | | |
| | 19 | 10780 | 1,1 | 75,69 | 24,2 | 44,0 | 74,8 | 105,0 | | | |
| | 23 | 9280 | 1,2 | 65,22 | 25,7 | 44,8 | 73,8 | 105,0 | | | |
| | 26 | 8164 | 1,5 | 57,43 | 26,4 | 45,3 | 72,6 | 104,5 | | | |
| | 31 | 6807 | 1,8 | 47,80 | 27,2 | 45,0 | 70,8 | 101,7 | | | |
| | 34 | 6198 | 1,7 | 43,59 | 27,8 | 45,3 | 70,1 | 100,7 | | | |
| | 41 | 5103 | 2,4 | 35,88 | 27,5 | 43,8 | 67,4 | 96,9 | | | |
| | 48 | 4392 | 2,8 | 30,92 | 27,3 | 42,7 | 65,6 | 94,3 | | | |
| | 52 | 4038 | 2,5 | 28,33 | 27,4 | 42,4 | 64,6 | 92,8 | **SK 8282 - 180 LP/4** | 521 | D74 |
| | 60 | 3490 | 3,0 | 24,50 | 27,0 | 41,1 | 62,6 | 89,9 | | | |
| | 25 | 8478 | 0,8 | 59,52 | 15,3 | 29,7 | 58,8 | 80,0 | **SK 7382 - 180 LP/4** | 400 | D73 |
| | 28 | 7609 | 0,9 | 53,38 | 17,1 | 31,6 | 58,9 | 80,0 | | | |
| | 32 | 6646 | 1,1 | 46,66 | 18,2 | 32,5 | 58,3 | 80,0 | | | |
| | 40 | 5263 | 1,3 | 36,92 | 19,2 | 32,6 | 56,3 | 80,0 | | | |
| | 48 | 4342 | 1,5 | 30,42 | 19,6 | 32,5 | 54,6 | 79,4 | | | |
| | 55 | 3835 | 1,7 | 26,88 | 19,9 | 32,2 | 53,5 | 77,8 | | | |
| | 63 | 3344 | 2,0 | 23,46 | 19,9 | 31,9 | 52,2 | 75,9 | | | |
| | 43 | 4941 | 1,2 | 34,64 | 20,2 | 33,9 | 56,5 | 80,0 | **SK 7282 - 180 LP/4** | 393 | D72 |
| | 55 | 3830 | 1,5 | 26,89 | 20,5 | 33,2 | 54,0 | 78,5 | | | |
| | 64 | 3261 | 1,8 | 22,87 | 20,4 | 32,5 | 52,5 | 76,2 | | | |
| | 74 | 2843 | 2,0 | 19,97 | 20,3 | 31,7 | 51,0 | 74,1 | | | |
| | 91 | 2317 | 2,8 | 16,29 | 19,6 | 30,0 | 48,5 | 70,8 | | | |
| | 35 | 6041 | 0,8 | 42,46 | 13,3 | 24,8 | 44,5 | 60,0 | **SK 6382 - 180 LP/4** | 327 | D71 |
| | 41 | 5166 | 0,9 | 36,34 | 14,6 | 26,1 | 44,1 | 60,0 | | | |
| | 48 | 4401 | 1,0 | 30,91 | 15,6 | 26,6 | 43,5 | 60,0 | | | |
| | 51 | 4082 | 1,1 | 28,72 | 15,9 | 26,9 | 43,1 | 60,0 | | | |
| | 60 | 3478 | 1,3 | 24,42 | 16,4 | 26,9 | 42,3 | 60,0 | | | |
| | 49 | 4257 | 1,1 | 29,90 | 16,5 | 28,0 | 44,1 | 60,0 | **SK 6282 - 180 LP/4** | 330 | D70 |
| | 57 | 3706 | 1,2 | 26,05 | 16,9 | 28,0 | 43,2 | 60,0 | | | |
| | 64 | 3262 | 1,4 | 22,95 | 17,1 | 27,7 | 42,4 | 60,0 | | | |
| | 79 | 2661 | 1,7 | 18,70 | 16,9 | 26,9 | 40,8 | 58,3 | | | |
| | 100 | 2108 | 2,1 | 14,83 | 16,6 | 25,6 | 38,9 | 55,7 | | | |
| | 120 | 1758 | 2,5 | 12,35 | 16,4 | 24,8 | 37,4 | 53,8 | | | |
| | 139 | 1513 | 2,9 | 10,64 | 16,1 | 23,9 | 36,2 | 52,1 | | | |
| | 157 | 1335 | 2,1 | 9,39 | 15,4 | 22,6 | 34,8 | 50,1 | | | |
| | 189 | 1113 | 2,4 | 7,82 | 15,0 | 21,6 | 33,4 | 48,1 | | | |
| | 59 | 3555 | 0,8 | 25,00 | 7,8 | 15,6 | 26,6 | 40,0 | **SK 5282 - 180 LP/4** | 246 | D68 |
| | 72 | 2899 | 1,1 | 20,36 | 8,4 | 15,9 | 25,9 | 40,0 | | | |
| | 78 | 2687 | 1,0 | 18,88 | 9,0 | 16,7 | 26,0 | 40,0 | | | |
| | 84 | 2509 | 1,1 | 17,59 | 8,8 | 16,4 | 25,5 | 40,0 | | | |
| | 96 | 2191 | 1,2 | 15,38 | 9,1 | 16,5 | 25,2 | 40,0 | | | |
| | 113 | 1852 | 1,4 | 13,00 | 9,2 | 16,2 | 24,4 | 40,0 | | | |
| | 138 | 1528 | 1,6 | 10,71 | 9,4 | 16,1 | 23,6 | 39,3 | | | |
| | 156 | 1349 | 1,7 | 9,46 | 9,4 | 15,9 | 23,1 | 38,5 | | | |
| | 170 | 1238 | 1,9 | 8,70 | 9,1 | 15,2 | 22,5 | 37,5 | | | |

# 22,0 kW
# 30,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **22,0** | 206 | 1021 | 2,1 | 7,17 | 9,0 | 14,8 | 21,7 | 36,2 | **SK 5282 - 180 LP/4** | 246 | D68 |
| | 233 | 902 | 2,3 | 6,33 | 8,9 | 14,5 | 21,1 | 35,2 | | | |
| | 259 | 810 | 2,2 | 5,71 | 8,8 | 14,2 | 20,6 | 34,5 | | | |
| | 280 | 751 | 2,3 | 5,29 | 8,7 | 13,9 | 20,3 | 33,9 | | | |
| | 294 | 715 | 2,4 | 5,01 | 8,7 | 13,8 | 20,0 | 33,5 | | | |
| | 342 | 615 | 2,5 | 4,32 | 8,5 | 13,2 | 19,4 | 32,4 | | | |
| | 97 | 2164 | 0,8 | 15,20 | 3,0 | 4,8 | 15,3 | 23,1 | **SK 4282 - 180 LP/4** | 210 | D66 |
| | 116 | 1804 | 1,0 | 12,68 | 3,6 | 5,6 | 15,1 | 23,1 | | | |
| | 136 | 1543 | 1,1 | 10,85 | 4,2 | 6,5 | 15,0 | 23,4 | | | |
| | 160 | 1314 | 1,2 | 9,23 | 4,7 | 7,2 | 14,9 | 23,4 | | | |
| | 177 | 1187 | 1,1 | 8,33 | 4,5 | 6,8 | 14,4 | 22,7 | | | |
| | 207 | 1015 | 1,2 | 7,13 | 4,8 | 7,2 | 14,2 | 22,6 | | | |
| | 243 | 865 | 1,4 | 6,06 | 4,9 | 7,5 | 13,9 | 22,3 | | | |
| | 271 | 775 | 1,3 | 5,43 | 5,0 | 7,6 | 13,7 | 22,0 | | | |
| | 295 | 712 | 1,5 | 5,00 | 5,1 | 7,7 | 13,5 | 21,8 | | | |
| | 313 | 671 | 1,5 | 4,70 | 5,1 | 7,7 | 13,4 | 21,6 | | | |
| **30,0** | 8,9 | 32250 | 2,2 | 167,17 | 160,0 | 170,0 | 160,0 | 170,0 | **SK 11382.1 - 225 RP/4** | 1920 | D80-81 |
| | 10 | 27344 | 2,6 | 141,74 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 11 | 25084 | 2,8 | 130,02 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 13 | 21569 | 3,2 | 111,80 | 160,0 | 170,0 | 160,0 | 168,0 | | | |
| | 15 | 19635 | 3,5 | 101,78 | 160,0 | 170,0 | 160,0 | 163,8 | | | |
| | 17 | 16884 | 4,6 | 87,52 | 160,0 | 170,0 | 160,0 | 158,4 | | | |
| | 19 | 15423 | 4,6 | 79,95 | 160,0 | 170,0 | 160,0 | 153,8 | | | |
| | 21 | 13964 | 4,6 | 72,38 | 160,0 | 170,0 | 160,0 | 152,3 | | | |
| | 11 | 26090 | 1,8 | 135,24 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 225 RP/4** | 1320 | D78-79 |
| | 12 | 23737 | 1,8 | 123,04 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 13 | 21587 | 2,1 | 111,90 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 15 | 18515 | 2,4 | 95,98 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 17 | 16845 | 2,4 | 87,32 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 19 | 15320 | 2,8 | 79,41 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 21 | 13938 | 2,9 | 72,25 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 24 | 11782 | 3,5 | 61,07 | 140,0 | 150,0 | 140,0 | 146,1 | | | |
| | 27 | 10719 | 4,1 | 55,56 | 140,0 | 150,0 | 140,0 | 141,7 | | | |
| | 31 | 9140 | 4,2 | 47,38 | 140,0 | 150,0 | 140,0 | 137,4 | | | |
| | 33 | 8623 | 4,4 | 44,70 | 140,0 | 150,0 | 140,0 | 134,5 | | | |
| | 11 | 26170 | 1,0 | 135,90 | 29,5 | 60,2 | 98,8 | 123,8 | **SK 9382 - 225 RP/4** | 987 | D77 |
| | 13 | 22280 | 1,1 | 115,57 | 32,9 | 63,4 | 97,5 | 123,5 | | | |
| | 15 | 19430 | 1,3 | 100,89 | 35,1 | 65,3 | 96,3 | 122,5 | | | |
| | 18 | 16050 | 1,5 | 83,19 | 36,2 | 64,6 | 93,3 | 119,2 | | | |
| | 21 | 13920 | 1,7 | 72,19 | 37,2 | 64,6 | 91,2 | 117,3 | | | |
| | 23 | 12570 | 1,9 | 65,25 | 37,9 | 64,6 | 89,7 | 115,8 | | | |
| | 27 | 10700 | 2,2 | 55,49 | 38,3 | 63,6 | 87,1 | 113,0 | | | |
| | 31 | 9327 | 2,6 | 48,44 | 38,1 | 62,7 | 85,1 | 110,4 | | | |
| | 35 | 8091 | 3,0 | 41,93 | 37,9 | 61,0 | 82,5 | 107,6 | | | |
| | 42 | 6847 | 3,5 | 35,61 | 37,4 | 59,1 | 79,6 | 104,2 | | | |
| | 43 | 6629 | 2,5 | 34,38 | 30,6 | 45,8 | 67,9 | 88,6 | **SK 9282 - 225 RP/4** | 982 | D76 |
| | 48 | 5940 | 3,0 | 30,79 | 30,4 | 44,8 | 66,2 | 86,6 | | | |
| | 55 | 5180 | 3,3 | 26,89 | 30,0 | 43,5 | 64,3 | 84,3 | | | |
| | 20 | 14600 | 0,8 | 75,69 | 13,2 | 28,7 | 65,9 | 95,5 | **SK 8382 - 225 RP/4** | 685 | D75 |
| | 23 | 12570 | 0,9 | 65,22 | 16,3 | 31,8 | 66,2 | 95,7 | | | |
| | 26 | 11060 | 1,1 | 57,43 | 18,4 | 33,5 | 66,1 | 95,4 | | | |
| | 31 | 9220 | 1,3 | 47,80 | 20,5 | 35,5 | 65,4 | 94,3 | | | |
| | 34 | 8395 | 1,3 | 43,59 | 21,9 | 37,0 | 65,4 | 94,0 | | | |
| | 41 | 6912 | 1,7 | 35,88 | 22,6 | 36,6 | 63,5 | 91,2 | | | |
| | 48 | 5949 | 2,0 | 30,92 | 23,1 | 36,6 | 62,1 | 89,3 | | | |
| | 52 | 5469 | 1,8 | 28,33 | 23,7 | 37,0 | 61,5 | 88,5 | **SK 8282 - 225 RP/4** | 681 | D74 |
| | 61 | 4728 | 2,2 | 24,50 | 23,8 | 36,5 | 60,0 | 86,2 | | | |
| | 70 | 4079 | 2,6 | 21,13 | 23,7 | 35,7 | 58,3 | 83,9 | | | |
| | 85 | 3358 | 2,9 | 17,40 | 23,2 | 34,1 | 55,9 | 80,3 | | | |
| | 98 | 2930 | 3,2 | 15,18 | 22,9 | 33,2 | 54,3 | 78,1 | | | |

IE3

# 30,0 kW
# 37,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **30,0** | 32 | 9002 | 0,8 | 46,66 | 10,8 | 21,9 | 52,2 | 76,2 | **SK 7382 - 225 RP/4** | 560 | D73 |
| | 40 | 7129 | 0,9 | 36,92 | 13,2 | 24,0 | 51,5 | 75,0 | | | |
| | 49 | 5881 | 1,1 | 30,42 | 14,9 | 25,5 | 50,9 | 73,8 | | | |
| | 55 | 5194 | 1,3 | 26,88 | 15,7 | 26,0 | 50,1 | 72,9 | | | |
| | 63 | 4530 | 1,5 | 23,46 | 16,3 | 26,4 | 49,2 | 71,6 | | | |
| | 55 | 5187 | 1,1 | 26,89 | 16,6 | 27,4 | 50,9 | 73,9 | **SK 7282 - 225 RP/4** | 553 | D72 |
| | 65 | 4417 | 1,3 | 22,87 | 17,1 | 27,6 | 49,7 | 72,2 | | | |
| | 74 | 3850 | 1,5 | 19,97 | 17,4 | 27,4 | 48,6 | 70,8 | | | |
| | 91 | 3139 | 2,1 | 16,29 | 17,2 | 26,6 | 46,6 | 67,8 | | | |
| | 115 | 2486 | 2,4 | 12,89 | 17,0 | 25,5 | 44,4 | 64,6 | | | |
| | 133 | 2156 | 2,9 | 11,16 | 16,8 | 24,7 | 43,0 | 62,7 | | | |
| | 150 | 1912 | 2,2 | 9,92 | 16,1 | 23,5 | 41,6 | 60,6 | | | |
| | 157 | 1825 | 3,4 | 9,48 | 16,5 | 24,0 | 41,6 | 60,5 | | | |
| | 172 | 1667 | 2,5 | 8,66 | 15,9 | 22,9 | 40,4 | 58,8 | | | |
| | 198 | 1446 | 3,1 | 7,49 | 15,6 | 22,1 | 39,0 | 56,9 | | | |
| | 65 | 4419 | 1,0 | 22,95 | 13,3 | 22,2 | 39,3 | 56,2 | **SK 6282 - 225 RP/4** | 490 | D70 |
| | 79 | 3604 | 1,2 | 18,70 | 13,7 | 22,0 | 38,1 | 54,5 | | | |
| | 100 | 2855 | 1,6 | 14,83 | 14,1 | 21,8 | 36,8 | 52,7 | | | |
| | 120 | 2381 | 1,8 | 12,35 | 14,3 | 21,6 | 35,7 | 51,2 | | | |
| | 140 | 2049 | 2,1 | 10,64 | 14,3 | 21,3 | 34,8 | 49,8 | | | |
| | 158 | 1808 | 1,5 | 9,39 | 13,7 | 20,0 | 33,4 | 48,0 | | | |
| | 190 | 1507 | 1,8 | 7,82 | 13,6 | 19,5 | 32,3 | 46,4 | | | |
| | 221 | 1297 | 2,3 | 6,74 | 13,4 | 19,0 | 31,3 | 45,0 | **SK 6282 - 225 RP/4** | 490 | D70 |
| | 248 | 1156 | 2,1 | 5,99 | 13,2 | 18,5 | 30,5 | 43,8 | | | |
| | 257 | 1114 | 2,1 | 5,78 | 13,2 | 18,3 | 30,3 | 43,5 | | | |
| | 271 | 1059 | 2,2 | 5,50 | 13,1 | 18,1 | 30,0 | 43,0 | | | |
| | 303 | 945 | 2,3 | 4,88 | 12,8 | 17,6 | 29,1 | 41,9 | | | |
| | 339 | 845 | 2,4 | 4,39 | 12,6 | 17,1 | 28,4 | 40,9 | | | |
| **37,0** | 8,9 | 39775 | 1,8 | 167,17 | 160,0 | 170,0 | 160,0 | 170,0 | **SK 11382.1 - 225 SP/4** | 1930 | D80-81 |
| | 10 | 33724 | 2,1 | 141,74 | 160,0 | 170,0 | 160,0 | 170,0 | | | |
| | 11 | 30936 | 2,3 | 130,02 | 160,0 | 170,0 | 160,0 | 168,1 | | | |
| | 13 | 26602 | 2,6 | 111,80 | 160,0 | 170,0 | 160,0 | 163,4 | | | |
| | 15 | 24217 | 2,8 | 101,78 | 160,0 | 170,0 | 160,0 | 159,5 | | | |
| | 17 | 20824 | 3,7 | 87,52 | 160,0 | 170,0 | 160,0 | 154,6 | | | |
| | 19 | 19022 | 3,7 | 79,95 | 160,0 | 170,0 | 160,0 | 150,1 | | | |
| | 21 | 17222 | 3,7 | 72,38 | 160,0 | 170,0 | 160,0 | 149,0 | | | |
| | 23 | 15611 | 4,3 | 65,61 | 160,0 | 170,0 | 160,0 | 145,1 | | | |
| | 11 | 32177 | 1,4 | 135,24 | 134,6 | 150,0 | 134,6 | 150,0 | **SK 10382.1 - 225 SP/4** | 1330 | D78-79 |
| | 12 | 29275 | 1,4 | 123,04 | 138,8 | 150,0 | 138,8 | 150,0 | | | |
| | 13 | 26624 | 1,7 | 111,90 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 15 | 22836 | 1,9 | 95,98 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 17 | 20776 | 2,0 | 87,32 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 19 | 18894 | 2,3 | 79,41 | 140,0 | 150,0 | 140,0 | 150,0 | | | |
| | 21 | 17190 | 2,4 | 72,25 | 140,0 | 150,0 | 140,0 | 146,4 | | | |
| | 24 | 14531 | 2,8 | 61,07 | 140,0 | 150,0 | 140,0 | 143,0 | | | |
| | 27 | 13220 | 3,3 | 55,56 | 140,0 | 150,0 | 140,0 | 138,6 | | | |
| | 31 | 11273 | 3,4 | 47,38 | 140,0 | 150,0 | 140,0 | 135,0 | | | |
| | 33 | 10635 | 3,6 | 44,70 | 140,0 | 150,0 | 140,0 | 132,0 | | | |
| | 37 | 9672 | 4,1 | 40,65 | 140,0 | 150,0 | 140,0 | 130,2 | | | |
| | 40 | 8800 | 4,5 | 36,98 | 140,0 | 150,0 | 140,0 | 126,3 | | | |
| | 11 | 32280 | 0,8 | 135,90 | 17,1 | 43,0 | 90,3 | 111,6 | **SK 9382 - 225 SP/4** | 1000 | D77 |
| | 13 | 27480 | 0,9 | 115,57 | 22,7 | 48,6 | 90,5 | 112,9 | | | |
| | 15 | 23960 | 1,1 | 100,89 | 26,3 | 52,2 | 90,0 | 113,2 | | | |
| | 18 | 19790 | 1,2 | 83,19 | 28,9 | 53,3 | 87,9 | 111,2 | | | |
| | 21 | 17170 | 1,4 | 72,19 | 30,8 | 54,9 | 86,7 | 110,4 | | | |
| | 23 | 15500 | 1,6 | 65,25 | 32,0 | 55,5 | 85,6 | 109,5 | | | |
| | 27 | 13200 | 1,8 | 55,49 | 33,4 | 56,1 | 83,7 | 107,6 | | | |
| | 31 | 11500 | 2,1 | 48,44 | 34,1 | 56,1 | 81,8 | 105,7 | | | |
| | 35 | 9979 | 2,4 | 41,93 | 34,3 | 55,5 | 79,9 | 103,3 | | | |
| | 42 | 8444 | 2,8 | 35,61 | 34,3 | 54,4 | 77,3 | 100,7 | | | |

# 37,0 kW
# 45,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **37,0** | 43 | 8176 | 2,0 | 34,38 | 27,8 | 41,6 | 65,8 | 85,2 | **SK 9282 - 225 SP/4** | 997 | D76 |
| | 48 | 7326 | 2,4 | 30,79 | 27,8 | 41,0 | 64,3 | 83,9 | | | |
| | 55 | 6388 | 2,7 | 26,89 | 27,7 | 40,2 | 62,6 | 81,6 | | | |
| | 64 | 5513 | 3,0 | 23,15 | 27,4 | 39,3 | 60,7 | 79,3 | | | |
| | 26 | 13640 | 0,9 | 57,43 | 11,3 | 23,9 | 60,2 | 87,3 | **SK 8382 - 225 SP/4** | 700 | D75 |
| | 31 | 11370 | 1,1 | 47,80 | 14,8 | 27,3 | 60,6 | 87,5 | | | |
| | 34 | 10350 | 1,0 | 43,59 | 16,9 | 29,6 | 61,2 | 87,9 | | | |
| | 41 | 8524 | 1,4 | 35,88 | 18,4 | 30,5 | 59,7 | 86,1 | | | |
| | 48 | 7337 | 1,6 | 30,92 | 19,5 | 31,5 | 59,0 | 84,8 | | | |
| | 52 | 6745 | 1,5 | 28,33 | 20,5 | 32,4 | 58,7 | 84,4 | **SK 8282 - 225 SP/4** | 696 | D74 |
| | 61 | 5831 | 1,8 | 24,50 | 21,1 | 32,4 | 57,7 | 82,7 | | | |
| | 70 | 5030 | 2,1 | 21,13 | 21,4 | 32,1 | 56,2 | 81,0 | | | |
| | 85 | 4142 | 2,3 | 17,40 | 21,2 | 31,1 | 54,1 | 77,8 | | | |
| | 98 | 3613 | 2,6 | 15,18 | 21,1 | 30,6 | 52,7 | 75,7 | | | |
| | 114 | 3090 | 3,3 | 12,96 | 20,9 | 29,7 | 51,1 | 73,3 | | | |
| | 136 | 2588 | 4,0 | 10,86 | 20,5 | 28,7 | 49,1 | 70,6 | | | |
| | 154 | 2301 | 2,8 | 9,67 | 19,8 | 27,3 | 47,4 | 68,2 | | | |
| | 40 | 8792 | 0,8 | 36,92 | 8,0 | 17,0 | 47,1 | 68,9 | **SK 7382 - 225 SP/4** | 575 | D73 |
| | 49 | 7254 | 0,9 | 30,42 | 10,6 | 19,6 | 47,2 | 68,8 | | | |
| | 55 | 6406 | 1,0 | 26,88 | 12,0 | 20,8 | 47,0 | 68,4 | | | |
| | 63 | 5586 | 1,2 | 23,46 | 13,1 | 21,9 | 46,5 | 67,7 | | | |
| | 55 | 6398 | 0,9 | 26,89 | 13,2 | 22,4 | 47,9 | 69,6 | **SK 7282 - 225 SP/4** | 568 | D72 |
| | 65 | 5448 | 1,1 | 22,87 | 14,3 | 23,3 | 47,2 | 68,6 | | | |
| | 74 | 4749 | 1,2 | 19,97 | 14,9 | 23,7 | 46,5 | 67,4 | | | |
| | 91 | 3871 | 1,7 | 16,29 | 15,1 | 23,3 | 44,8 | 65,2 | | | |
| | 115 | 3066 | 1,9 | 12,89 | 15,2 | 22,8 | 42,9 | 62,3 | | | |
| | 133 | 2659 | 2,3 | 11,16 | 15,3 | 22,6 | 41,8 | 60,8 | **SK 7282 - 225 SP/4** | 568 | D72 |
| | 150 | 2358 | 1,8 | 9,92 | 14,8 | 21,5 | 40,3 | 58,7 | | | |
| | 157 | 2251 | 2,8 | 9,48 | 15,3 | 22,1 | 40,4 | 58,8 | | | |
| | 172 | 2056 | 2,1 | 8,66 | 14,7 | 21,0 | 39,2 | 57,2 | | | |
| | 198 | 1783 | 2,5 | 7,49 | 14,6 | 20,6 | 38,0 | 55,5 | | | |
| | 234 | 1509 | 2,9 | 6,36 | 14,3 | 19,8 | 36,7 | 53,5 | | | |
| | 280 | 1261 | 3,2 | 5,30 | 14,0 | 19,0 | 35,2 | 51,3 | | | |
| | 65 | 5450 | 0,8 | 22,95 | 9,9 | 17,4 | 36,5 | 52,2 | **SK 6282 - 225 SP/4** | 505 | D70 |
| | 79 | 4445 | 1,0 | 18,70 | 10,9 | 18,1 | 35,8 | 51,2 | | | |
| | 100 | 3521 | 1,3 | 14,83 | 11,9 | 18,6 | 34,8 | 49,8 | | | |
| | 120 | 2936 | 1,5 | 12,35 | 12,5 | 18,9 | 34,1 | 48,8 | | | |
| | 140 | 2527 | 1,7 | 10,64 | 12,8 | 18,9 | 33,4 | 47,8 | | | |
| | 158 | 2230 | 1,2 | 9,39 | 12,2 | 17,9 | 32,1 | 46,2 | | | |
| | 190 | 1859 | 1,4 | 7,82 | 12,3 | 17,6 | 31,2 | 44,8 | | | |
| | 221 | 1600 | 1,9 | 6,74 | 12,3 | 17,4 | 30,3 | 43,6 | | | |
| | 248 | 1426 | 1,7 | 5,99 | 12,3 | 17,1 | 29,6 | 42,6 | | | |
| | 257 | 1374 | 1,7 | 5,78 | 12,3 | 17,0 | 29,4 | 42,3 | | | |
| | 271 | 1306 | 1,8 | 5,50 | 12,2 | 16,9 | 29,1 | 41,9 | | | |
| | 303 | 1165 | 1,9 | 4,88 | 12,1 | 16,5 | 28,4 | 40,9 | | | |
| | 339 | 1042 | 2,0 | 4,39 | 11,9 | 16,1 | 27,7 | 39,9 | | | |
| **45,0** | 8,9 | 48376 | 1,5 | 167,17 | 160,0 | 170,0 | 160,0 | 167,6 | **SK 11382.1 - 225 MP/4** | 1960 | D80-81 |
| | 10 | 41015 | 1,7 | 141,74 | 160,0 | 170,0 | 160,0 | 164,1 | | | |
| | 11 | 37625 | 1,9 | 130,02 | 160,0 | 170,0 | 160,0 | 162,0 | | | |
| | 13 | 32353 | 2,1 | 111,80 | 160,0 | 170,0 | 160,0 | 158,1 | | | |
| | 15 | 29453 | 2,3 | 101,78 | 160,0 | 170,0 | 160,0 | 154,5 | | | |
| | 17 | 25326 | 3,0 | 87,52 | 160,0 | 170,0 | 160,0 | 150,3 | | | |
| | 19 | 23134 | 3,0 | 79,95 | 160,0 | 170,0 | 160,0 | 145,8 | | | |
| | 21 | 20946 | 3,1 | 72,38 | 160,0 | 170,0 | 160,0 | 145,6 | | | |
| | 23 | 18986 | 3,5 | 65,61 | 160,0 | 170,0 | 160,0 | 141,9 | | | |
| | 26 | 16326 | 4,6 | 56,42 | 160,0 | 170,0 | 160,0 | 137,4 | | | |
| | 29 | 14913 | 4,6 | 51,54 | 160,0 | 170,0 | 160,0 | 133,4 | | | |
| | 15 | 27773 | 1,6 | 95,98 | 140,0 | 150,0 | 140,0 | 150,0 | **SK 10382.1 - 225 MP/4** | 1360 | D78-79 |
| | 17 | 25268 | 1,6 | 87,32 | 140,0 | 150,0 | 140,0 | 146,2 | | | |
| | 19 | 22980 | 1,9 | 79,41 | 140,0 | 150,0 | 140,0 | 146,5 | | | |
| | 21 | 20907 | 1,9 | 72,25 | 140,0 | 150,0 | 140,0 | 141,8 | | | |
| | 24 | 17672 | 2,3 | 61,07 | 140,0 | 150,0 | 140,0 | 139,4 | | | |
| | 27 | 16078 | 2,7 | 55,56 | 140,0 | 150,0 | 140,0 | 135,1 | | | |

IE3

# 45,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **45,0** | 31 | 13710 | 2,8 | 47,38 | 140,0 | 150,0 | 140,0 | 132,2 | **SK 10382.1 - 225 MP/4** | 1360 | D78-79 |
| | 33 | 12935 | 3,0 | 44,70 | 140,0 | 150,0 | 140,0 | 129,2 | | | |
| | 37 | 11763 | 3,4 | 40,65 | 140,0 | 150,0 | 140,0 | 127,8 | | | |
| | 40 | 10702 | 3,7 | 36,98 | 140,0 | 150,0 | 140,0 | 123,9 | | | |
| | 48 | 9047 | 4,3 | 31,26 | 140,0 | 150,0 | 140,0 | 120,2 | | | |
| | 13 | 33430 | 0,8 | 115,57 | 10,2 | 31,8 | 82,5 | 100,7 | **SK 9382 - 225 MP/4** | 1040 | D77 |
| | 15 | 29140 | 0,9 | 100,89 | 15,7 | 37,3 | 83,1 | 102,8 | | | |
| | 18 | 24070 | 1,0 | 83,19 | 19,8 | 40,9 | 82,0 | 102,2 | | | |
| | 21 | 20880 | 1,1 | 72,19 | 23,3 | 44,0 | 81,6 | 102,8 | | | |
| | 27 | 16050 | 1,5 | 55,49 | 27,6 | 47,6 | 79,9 | 101,9 | | | |
| | 31 | 13990 | 1,7 | 48,44 | 29,1 | 48,6 | 78,6 | 100,7 | | | |
| | 35 | 12140 | 2,0 | 41,93 | 30,1 | 49,1 | 77,1 | 98,8 | | | |
| | 42 | 10270 | 2,3 | 35,61 | 30,9 | 49,1 | 74,9 | 96,8 | | | |
| | 43 | 9944 | 1,6 | 34,38 | 24,6 | 37,0 | 63,5 | 81,8 | **SK 9282 - 225 MP/4** | 1030 | D76 |
| | 48 | 8910 | 2,0 | 30,79 | 24,9 | 37,0 | 62,4 | 80,6 | | | |
| | 55 | 7770 | 2,2 | 26,89 | 25,1 | 36,6 | 60,8 | 78,9 | | | |
| | 64 | 6705 | 2,4 | 23,15 | 25,2 | 36,2 | 59,1 | 76,9 | | | |
| | 74 | 5814 | 2,7 | 20,13 | 24,7 | 34,8 | 57,1 | 74,4 | | | |
| | 86 | 5018 | 3,1 | 17,33 | 24,5 | 33,8 | 55,4 | 72,3 | | | |
| | 31 | 13830 | 0,9 | 47,80 | 7,8 | 18,4 | 54,9 | 79,8 | **SK 8382 - 225 MP/4** | 735 | D75 |
| | 34 | 12590 | 0,8 | 43,59 | 10,8 | 21,6 | 56,2 | 81,2 | | | |
| | 41 | 10370 | 1,2 | 35,88 | 13,2 | 23,6 | 55,7 | 80,3 | | | |
| | 48 | 8923 | 1,4 | 30,92 | 15,2 | 25,4 | 55,4 | 79,8 | | | |
| | 61 | 7092 | 1,5 | 24,50 | 17,9 | 27,9 | 55,0 | 78,9 | **SK 8282 - 225 MP/4** | 731 | D74 |
| | 70 | 6118 | 1,7 | 21,13 | 18,6 | 28,4 | 53,9 | 77,6 | | | |
| | 85 | 5037 | 1,9 | 17,40 | 18,9 | 27,9 | 52,1 | 75,0 | | | |
| | 98 | 4394 | 2,2 | 15,18 | 19,1 | 27,9 | 51,0 | 73,3 | | | |
| | 114 | 3758 | 2,7 | 12,96 | 19,2 | 27,3 | 49,6 | 71,2 | | | |
| | 136 | 3148 | 3,3 | 10,86 | 19,1 | 26,7 | 47,9 | 68,9 | | | |
| | 154 | 2798 | 2,3 | 9,67 | 18,4 | 25,4 | 46,3 | 66,6 | | | |
| | 180 | 2393 | 3,0 | 8,26 | 18,2 | 24,7 | 44,8 | 64,5 | | | |
| | 49 | 8822 | 0,8 | 30,42 | 5,1 | 14,3 | 40,6 | 61,7 | **SK 7382 - 225 MP/4** | 610 | D73 |
| | 55 | 7791 | 0,8 | 26,88 | 7,6 | 15,0 | 43,5 | 63,3 | | | |
| | 63 | 6794 | 1,0 | 23,46 | 9,3 | 16,8 | 43,4 | 63,2 | | | |
| | 65 | 6626 | 0,9 | 22,87 | 10,8 | 18,6 | 44,4 | 64,6 | **SK 7282 - 225 MP/4** | 603 | D72 |
| | 74 | 5776 | 1,0 | 19,97 | 12,0 | 19,6 | 44,0 | 64,0 | | | |
| | 91 | 4708 | 1,4 | 16,29 | 12,6 | 20,0 | 42,7 | 62,0 | | | |
| | 115 | 3729 | 1,6 | 12,89 | 13,3 | 20,0 | 41,2 | 59,9 | | | |
| | 133 | 3234 | 1,9 | 11,16 | 13,7 | 20,2 | 40,3 | 58,6 | | | |
| | 150 | 2868 | 1,5 | 9,92 | 13,1 | 19,2 | 38,9 | 56,6 | | | |
| | 157 | 2737 | 2,3 | 9,48 | 13,8 | 20,0 | 39,3 | 57,0 | | | |
| | 172 | 2500 | 1,7 | 8,66 | 13,3 | 19,0 | 38,0 | 55,5 | | | |
| | 198 | 2169 | 2,1 | 7,49 | 13,4 | 18,8 | 37,0 | 53,9 | | | |
| | 234 | 1836 | 2,4 | 6,36 | 13,3 | 18,4 | 35,8 | 52,2 | | | |
| | 249 | 1724 | 2,5 | 5,98 | 13,3 | 18,2 | 35,4 | 51,5 | | | |
| | 280 | 1534 | 2,6 | 5,30 | 13,1 | 17,9 | 34,5 | 50,2 | | | |
| | 295 | 1457 | 2,7 | 5,04 | 13,1 | 17,7 | 34,1 | 49,7 | | | |
| | 348 | 1234 | 2,9 | 4,26 | 12,8 | 17,0 | 32,8 | 47,8 | | | |
| | 120 | 3571 | 1,2 | 12,35 | 10,2 | 15,9 | 32,4 | 46,2 | **SK 6282 - 225 MP/4** | 540 | D70 |
| | 140 | 3073 | 1,4 | 10,64 | 10,8 | 16,3 | 31,8 | 45,7 | | | |
| | 190 | 2261 | 1,2 | 7,82 | 10,9 | 15,6 | 29,9 | 43,0 | | | |
| | 221 | 1946 | 1,5 | 6,74 | 11,0 | 15,6 | 29,3 | 42,1 | | | |
| | 248 | 1734 | 1,4 | 5,99 | 11,1 | 15,5 | 28,7 | 41,3 | | | |
| | 257 | 1671 | 1,4 | 5,78 | 11,2 | 15,5 | 28,6 | 40,9 | | | |
| | 271 | 1588 | 1,4 | 5,50 | 11,2 | 15,4 | 28,3 | 40,6 | | | |
| | 303 | 1417 | 1,5 | 4,88 | 11,2 | 15,2 | 27,7 | 39,7 | | | |
| | 339 | 1268 | 1,6 | 4,39 | 11,1 | 14,9 | 27,1 | 38,9 | | | |

# 55,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 55,0 | 8,9 | 59325 | 1,2 | 167,17 | 155,7 | 170,0 | 155,7 | 157,7 | **SK 11382.1 - 250 WP/4** | 2000 | D80-81 |
| | 10 | 50299 | 1,4 | 141,74 | 160,0 | 170,0 | 160,0 | 155,8 | | | |
| | 11 | 46142 | 1,5 | 130,02 | 160,0 | 170,0 | 160,0 | 154,4 | | | |
| | 13 | 39676 | 1,7 | 111,80 | 160,0 | 170,0 | 160,0 | 151,6 | | | |
| | 15 | 36120 | 1,9 | 101,78 | 160,0 | 170,0 | 160,0 | 148,3 | | | |
| | 17 | 31059 | 2,5 | 87,52 | 160,0 | 170,0 | 160,0 | 145,0 | | | |
| | 19 | 28371 | 2,5 | 79,95 | 160,0 | 170,0 | 160,0 | 140,5 | | | |
| | 20 | 25687 | 2,5 | 72,38 | 160,0 | 170,0 | 160,0 | 141,5 | | | |
| | 23 | 23284 | 2,9 | 65,61 | 160,0 | 170,0 | 160,0 | 138,0 | | | |
| | 26 | 20021 | 3,8 | 56,42 | 160,0 | 170,0 | 160,0 | 134,0 | | | |
| | 29 | 18289 | 3,8 | 51,54 | 160,0 | 170,0 | 160,0 | 130,0 | | | |
| | 33 | 15861 | 4,5 | 44,70 | 160,0 | 170,0 | 160,0 | 127,6 | | | |
| | 36 | 14489 | 4,6 | 40,83 | 160,0 | 170,0 | 160,0 | 123,9 | | | |
| | 15 | 34059 | 1,3 | 95,98 | 131,6 | 150,0 | 131,6 | 144,2 | **SK 10382.1 - 250 WP/4** | 1400 | D78-79 |
| | 17 | 30987 | 1,3 | 87,32 | 136,4 | 150,0 | 136,4 | 139,3 | | | |
| | 19 | 28181 | 1,5 | 79,41 | 140,0 | 150,0 | 140,0 | 140,8 | | | |
| | 20 | 25639 | 1,6 | 72,25 | 140,0 | 150,0 | 140,0 | 136,1 | | | |
| | 24 | 21673 | 1,9 | 61,07 | 140,0 | 150,0 | 140,0 | 135,1 | | | |
| | 27 | 19718 | 2,2 | 55,56 | 140,0 | 150,0 | 140,0 | 130,7 | | | |
| | 31 | 16814 | 2,3 | 47,38 | 140,0 | 150,0 | 140,0 | 128,9 | | | |
| | 33 | 15863 | 2,4 | 44,70 | 140,0 | 150,0 | 140,0 | 125,7 | | | |
| | 36 | 14426 | 2,7 | 40,65 | 140,0 | 150,0 | 140,0 | 124,9 | | | |
| | 40 | 13125 | 3,0 | 36,98 | 140,0 | 150,0 | 140,0 | 121,1 | | | |
| | 47 | 11094 | 3,5 | 31,26 | 140,0 | 150,0 | 140,0 | 118,0 | | | |
| | 52 | 10094 | 4,3 | 28,44 | 140,0 | 150,0 | 140,0 | 114,4 | | | |
| | 61 | 8607 | 4,5 | 24,25 | 140,0 | 150,0 | 140,0 | 111,3 | | | |
| | 67 | 7831 | 4,9 | 22,07 | 140,0 | 150,0 | 140,0 | 107,9 | | | |
| | 77 | 6823 | 4,9 | 19,23 | 137,5 | 150,0 | 140,0 | 105,1 | | | |
| | 85 | 6208 | 4,9 | 17,49 | 133,8 | 150,0 | 140,0 | 102,0 | | | |
| | 96 | 5450 | 4,9 | 15,36 | 129,7 | 150,0 | 140,0 | 99,3 | | | |
| | 106 | 4958 | 4,9 | 13,97 | 126,3 | 150,0 | 140,0 | 96,4 | | | |
| | 121 | 4337 | 4,9 | 12,22 | 122,1 | 150,0 | 140,0 | 93,6 | | | |
| | 18 | 29520 | 0,8 | 83,19 | 7,3 | 67,2 | 28,5 | 90,9 | **SK 9382 - 250 WP/4** | 1070 | D77 |
| | 21 | 25610 | 0,9 | 72,19 | 12,1 | 69,3 | 33,9 | 92,7 | | | |
| | 27 | 19680 | 1,2 | 55,49 | 18,6 | 71,3 | 40,8 | 93,9 | | | |
| | 31 | 17160 | 1,4 | 48,44 | 21,0 | 71,5 | 43,1 | 93,7 | | | |
| | 35 | 14880 | 1,6 | 41,93 | 23,0 | 71,4 | 44,7 | 93,0 | | | |
| | 42 | 12600 | 1,9 | 35,61 | 24,7 | 70,7 | 45,7 | 91,7 | | | |
| | 43 | 12190 | 1,3 | 34,38 | 18,9 | 59,3 | 33,9 | 77,2 | **SK 9282 - 250 WP/4** | 1070 | D76 |
| | 48 | 10930 | 1,6 | 30,79 | 19,8 | 58,9 | 34,5 | 76,4 | | | |
| | 55 | 9528 | 1,8 | 26,89 | 20,6 | 58,2 | 34,9 | 75,3 | | | |
| | 64 | 8223 | 2,0 | 23,15 | 21,3 | 57,2 | 35,0 | 73,8 | | | |
| | 74 | 7130 | 2,2 | 20,13 | 21,0 | 55,6 | 33,7 | 71,5 | | | |
| | 85 | 6153 | 2,5 | 17,33 | 21,3 | 54,4 | 33,1 | 69,8 | | | |
| | 101 | 5214 | 2,8 | 14,70 | 21,4 | 52,9 | 32,2 | 67,8 | | | |
| | 123 | 4273 | 3,2 | 12,01 | 21,2 | 51,0 | 31,0 | 65,2 | | | |
| | 145 | 3622 | 3,0 | 10,18 | 20,4 | 48,9 | 29,1 | 62,3 | | | |
| | 171 | 3069 | 3,6 | 8,64 | 20,0 | 47,3 | 28,0 | 60,2 | | | |
| | 209 | 2515 | 4,0 | 7,06 | 19,5 | 45,3 | 26,6 | 57,5 | | | |
| | 256 | 2052 | 4,3 | 5,78 | 18,9 | 43,2 | 25,2 | 54,8 | | | |
| | 276 | 1901 | 4,4 | 5,34 | 18,6 | 42,4 | 24,6 | 53,8 | | | |
| | 60 | 8697 | 1,2 | 24,50 | 12,6 | 51,2 | 23,9 | 76,9 | **SK 8282 - 250 WP/4** | 766 | D74 |
| | 70 | 7503 | 1,4 | 21,13 | 14,0 | 51,0 | 25,1 | 76,1 | | | |
| | 85 | 6177 | 1,6 | 17,40 | 15,0 | 49,8 | 25,5 | 74,0 | | | |
| | 97 | 5389 | 1,8 | 15,18 | 15,7 | 49,1 | 25,9 | 72,8 | | | |
| | 114 | 4609 | 2,2 | 12,96 | 16,2 | 48,2 | 26,0 | 71,1 | | | |
| | 136 | 3861 | 2,7 | 10,86 | 16,6 | 46,9 | 25,7 | 69,0 | | | |
| | 153 | 3431 | 1,9 | 9,67 | 16,1 | 45,4 | 24,3 | 66,8 | | | |
| | 179 | 2934 | 2,5 | 8,26 | 16,2 | 44,2 | 23,8 | 64,9 | | | |
| | 214 | 2458 | 2,8 | 6,92 | 16,1 | 42,8 | 23,1 | 62,6 | | | |
| | 328 | 1603 | 3,0 | 4,52 | 15,5 | 39,1 | 20,9 | 57,0 | | | |

IE3

# 75,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **75,0** | 8,9 | 80626 | 0,9 | 167,17 | 73,9 | 170,0 | 73,9 | 138,0 | **SK 11382.1 - 280 SP/4** | 2170 | D80-81 |
| | 10 | 68359 | 1,0 | 141,74 | 130,3 | 170,0 | 130,3 | 139,0 | | | |
| | 11 | 62709 | 1,1 | 130,02 | 147,1 | 170,0 | 147,1 | 139,0 | | | |
| | 13 | 53922 | 1,3 | 111,80 | 160,0 | 170,0 | 160,0 | 138,4 | | | |
| | 15 | 49088 | 1,4 | 101,78 | 160,0 | 170,0 | 160,0 | 135,7 | | | |
| | 17 | 42210 | 1,8 | 87,52 | 160,0 | 170,0 | 160,0 | 134,2 | | | |
| | 19 | 38557 | 1,8 | 79,95 | 160,0 | 170,0 | 160,0 | 129,8 | | | |
| | 21 | 34910 | 1,8 | 72,38 | 160,0 | 170,0 | 160,0 | 132,8 | | | |
| | 23 | 31644 | 2,1 | 65,61 | 160,0 | 170,0 | 160,0 | 129,9 | | | |
| | 26 | 27210 | 2,8 | 56,42 | 160,0 | 170,0 | 160,0 | 127,0 | | | |
| | 29 | 24855 | 2,8 | 51,54 | 160,0 | 170,0 | 160,0 | 123,1 | | | |
| | 33 | 21556 | 3,3 | 44,70 | 160,0 | 170,0 | 160,0 | 122,1 | | | |
| | 36 | 19691 | 3,4 | 40,83 | 160,0 | 170,0 | 160,0 | 118,4 | | | |
| | 42 | 17078 | 3,9 | 35,41 | 160,0 | 170,0 | 160,0 | 116,7 | | | |
| | 46 | 15600 | 4,0 | 32,35 | 160,0 | 170,0 | 160,0 | 113,3 | | | |
| | 52 | 13775 | 4,5 | 28,56 | 160,0 | 170,0 | 160,0 | 111,6 | | | |
| | 58 | 12358 | 4,7 | 25,62 | 155,5 | 170,0 | 160,0 | 107,9 | | | |
| | 15 | 46288 | 1,0 | 95,98 | 104,9 | 150,0 | 104,9 | 130,2 | **SK 10382.1 - 280 SP/4** | 1570 | D78-79 |
| | 17 | 42113 | 1,0 | 87,32 | 115,6 | 150,0 | 115,6 | 125,3 | | | |
| | 19 | 38299 | 1,1 | 79,41 | 123,9 | 150,0 | 123,9 | 129,1 | | | |
| | 21 | 34845 | 1,2 | 72,25 | 130,3 | 150,0 | 130,3 | 124,5 | | | |
| | 24 | 29454 | 1,4 | 61,07 | 138,5 | 150,0 | 138,5 | 126,1 | | | |
| | 27 | 26797 | 1,6 | 55,56 | 140,0 | 150,0 | 140,0 | 121,8 | | | |
| | 31 | 22851 | 1,7 | 47,38 | 140,0 | 150,0 | 140,0 | 121,9 | | | |
| | 33 | 21558 | 1,8 | 44,70 | 140,0 | 150,0 | 140,0 | 118,5 | | | |
| | 37 | 19606 | 2,0 | 40,65 | 140,0 | 150,0 | 140,0 | 118,9 | | | |
| | 40 | 17837 | 2,2 | 36,98 | 140,0 | 150,0 | 140,0 | 115,1 | | | |
| | 48 | 15078 | 2,6 | 31,26 | 140,0 | 150,0 | 140,0 | 113,4 | | | |
| | 52 | 13718 | 3,1 | 28,44 | 140,0 | 150,0 | 140,0 | 109,8 | | | |
| | 61 | 11697 | 3,3 | 24,25 | 140,0 | 150,0 | 140,0 | 107,6 | | | |
| | 67 | 10642 | 3,6 | 22,07 | 137,9 | 150,0 | 140,0 | 104,3 | | | |
| | 77 | 9273 | 3,6 | 19,23 | 134,1 | 150,0 | 140,0 | 102,2 | | | |
| | 85 | 8437 | 3,6 | 17,49 | 130,6 | 150,0 | 140,0 | 99,1 | | | |
| | 97 | 7407 | 3,6 | 15,36 | 127,0 | 150,0 | 140,0 | 97,0 | | | |
| | 106 | 6739 | 3,6 | 13,97 | 123,7 | 150,0 | 140,0 | 94,1 | | | |
| | 122 | 5894 | 3,6 | 12,22 | 119,9 | 150,0 | 140,0 | 91,7 | | | |
| | 27 | 26750 | 0,9 | 55,49 | 5,0 | 18,0 | 65,0 | 79,2 | **SK 9382 - 280 SP/4** | 1240 | D77 |
| | 31 | 23320 | 1,0 | 48,44 | 9,7 | 22,7 | 65,8 | 80,9 | | | |
| | 35 | 20230 | 1,2 | 41,93 | 13,7 | 26,7 | 65,9 | 81,9 | | | |
| | 42 | 17120 | 1,4 | 35,61 | 17,1 | 29,9 | 65,6 | 82,3 | | | |
| | 43 | 16570 | 1,0 | 34,38 | 11,6 | 20,1 | 55,0 | 68,6 | **SK 9282 - 280 SP/4** | 1240 | D76 |
| | 48 | 14850 | 1,2 | 30,79 | 13,5 | 21,8 | 54,7 | 68,6 | | | |
| | 55 | 12950 | 1,3 | 26,89 | 15,3 | 23,4 | 54,2 | 68,6 | | | |
| | 64 | 11180 | 1,5 | 23,15 | 16,8 | 24,6 | 53,4 | 67,9 | | | |
| | 74 | 9690 | 1,6 | 20,13 | 17,1 | 24,4 | 51,9 | 66,2 | | | |
| | 86 | 8363 | 1,9 | 17,33 | 18,0 | 25,1 | 50,8 | 65,2 | | | |
| | 101 | 7087 | 2,1 | 14,70 | 18,6 | 25,4 | 49,5 | 63,9 | | | |
| | 123 | 5807 | 2,4 | 12,01 | 19,0 | 25,2 | 47,8 | 62,0 | | | |
| | 145 | 4923 | 2,2 | 10,18 | 18,4 | 23,9 | 45,7 | 59,4 | | | |
| | 172 | 4171 | 2,7 | 8,64 | 18,4 | 23,6 | 44,4 | 57,7 | | | |
| | 210 | 3418 | 3,0 | 7,06 | 18,1 | 22,8 | 42,4 | 55,5 | | | |
| | 257 | 2788 | 3,2 | 5,78 | 17,8 | 22,0 | 40,5 | 53,2 | | | |
| | 277 | 2584 | 3,2 | 5,34 | 17,6 | 21,6 | 39,8 | 52,3 | | | |
| | 61 | 11820 | 0,9 | 24,50 | 5,0 | 11,6 | 44,5 | 64,8 | **SK 8282 - 280 SP/4** | 936 | D74 |
| | 70 | 10200 | 1,0 | 21,13 | 7,7 | 14,2 | 45,0 | 65,2 | | | |
| | 85 | 8395 | 1,2 | 17,40 | 9,8 | 16,1 | 44,7 | 64,5 | | | |
| | 98 | 7324 | 1,3 | 15,18 | 11,3 | 17,4 | 44,5 | 64,2 | | | |
| | 114 | 6263 | 1,6 | 12,96 | 12,7 | 18,5 | 44,2 | 63,5 | | | |
| | 136 | 5247 | 2,0 | 10,86 | 13,7 | 19,3 | 43,3 | 62,4 | | | |
| | 154 | 4663 | 1,4 | 9,67 | 13,2 | 18,5 | 42,0 | 60,4 | | | |
| | 180 | 3988 | 1,8 | 8,26 | 13,9 | 18,7 | 41,2 | 59,2 | | | |
| | 214 | 3341 | 2,0 | 6,92 | 14,2 | 18,9 | 40,0 | 57,6 | | | |
| | 329 | 2179 | 2,2 | 4,52 | 14,3 | 18,1 | 37,0 | 53,1 | | | |

# 90,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **90,0** | 10 | 82031 | 0,9 | 141,74 | 63,4 | 170,0 | 63,4 | 126,5 | **SK 11382.1 - 280 MP/4** | 2270 | D80-81 |
| | 11 | 75251 | 0,9 | 130,02 | 103,7 | 170,0 | 103,7 | 127,5 | | | |
| | 13 | 64706 | 1,1 | 111,80 | 141,6 | 170,0 | 141,6 | 128,5 | | | |
| | 15 | 58906 | 1,2 | 101,78 | 156,7 | 170,0 | 156,7 | 126,4 | | | |
| | 17 | 50652 | 1,5 | 87,52 | 160,0 | 170,0 | 160,0 | 126,2 | | | |
| | 19 | 46269 | 1,5 | 79,95 | 160,0 | 170,0 | 160,0 | 121,8 | | | |
| | 21 | 41892 | 1,5 | 72,38 | 160,0 | 170,0 | 160,0 | 126,4 | | | |
| | 23 | 37972 | 1,8 | 65,61 | 160,0 | 170,0 | 160,0 | 123,8 | | | |
| | 26 | 32652 | 2,3 | 56,42 | 160,0 | 170,0 | 160,0 | 121,8 | | | |
| | 29 | 29826 | 2,3 | 51,54 | 160,0 | 170,0 | 160,0 | 117,9 | | | |
| | 33 | 25867 | 2,7 | 44,70 | 160,0 | 170,0 | 160,0 | 118,0 | | | |
| | 36 | 23629 | 2,8 | 40,83 | 160,0 | 170,0 | 160,0 | 114,3 | | | |
| | 42 | 20493 | 3,2 | 35,41 | 160,0 | 170,0 | 160,0 | 113,5 | | | |
| | 46 | 18720 | 3,3 | 32,35 | 159,8 | 170,0 | 160,0 | 110,0 | | | |
| | 52 | 16530 | 3,7 | 28,56 | 156,6 | 170,0 | 160,0 | 108,9 | | | |
| | 58 | 14830 | 3,9 | 25,62 | 152,4 | 170,0 | 160,0 | 105,3 | | | |
| | 67 | 12917 | 4,5 | 22,32 | 148,5 | 170,0 | 160,0 | 103,5 | | | |
| | 73 | 11799 | 4,6 | 20,39 | 144,9 | 170,0 | 160,0 | 100,5 | | | |
| | 17 | 50536 | 0,8 | 87,32 | 91,4 | 150,0 | 91,4 | 114,8 | **SK 10382.1 - 280 MP/4** | 1670 | D78-79 |
| | 19 | 45959 | 0,9 | 79,41 | 105,8 | 150,0 | 105,8 | 120,5 | | | |
| | 21 | 41814 | 1,0 | 72,25 | 116,3 | 150,0 | 116,3 | 115,8 | | | |
| | 24 | 35345 | 1,2 | 61,07 | 129,4 | 150,0 | 129,4 | 119,4 | | | |
| | 27 | 32157 | 1,4 | 55,56 | 134,6 | 150,0 | 134,6 | 115,1 | | | |
| | 31 | 27421 | 1,4 | 47,38 | 140,0 | 150,0 | 140,0 | 116,7 | | | |
| | 33 | 25870 | 1,5 | 44,70 | 140,0 | 150,0 | 140,0 | 113,1 | | | |
| | 37 | 23527 | 1,7 | 40,65 | 140,0 | 150,0 | 140,0 | 114,5 | | | |
| | 40 | 21405 | 1,9 | 36,98 | 140,0 | 150,0 | 140,0 | 110,6 | | | |
| | 48 | 18093 | 2,2 | 31,26 | 140,0 | 150,0 | 140,0 | 109,9 | | | |
| | 52 | 16461 | 2,6 | 28,44 | 140,0 | 150,0 | 140,0 | 106,4 | | | |
| | 61 | 14037 | 2,8 | 24,25 | 138,4 | 150,0 | 140,0 | 105,0 | | | |
| | 67 | 12771 | 3,0 | 22,07 | 135,0 | 150,0 | 140,0 | 101,7 | | | |
| | 77 | 11128 | 3,0 | 19,23 | 131,7 | 150,0 | 140,0 | 100,1 | | | |
| | 85 | 10124 | 3,0 | 17,49 | 128,3 | 150,0 | 140,0 | 97,0 | | | |
| | 97 | 8888 | 3,0 | 15,36 | 125,1 | 150,0 | 140,0 | 95,3 | | | |
| | 106 | 8086 | 3,0 | 13,97 | 121,8 | 150,0 | 140,0 | 92,4 | | | |
| | 122 | 7072 | 3,0 | 12,22 | 118,4 | 150,0 | 140,0 | 90,4 | | | |
| | 85 | 10120 | 3,1 | 17,49 | 109,6 | 150,0 | 135,3 | 82,6 | **SK 10382.1 - 280 MP/4** | 1670 | D78-79 |
| | 97 | 8888 | 3,2 | 15,36 | 107,1 | 150,0 | 135,8 | 81,5 | | | |
| | 106 | 8086 | 3,2 | 13,97 | 104,4 | 150,0 | 136,2 | 78,9 | | | |
| | 122 | 7072 | 3,2 | 12,22 | 101,6 | 150,0 | 136,5 | 77,5 | | | |
| | 134 | 6434 | 3,2 | 11,12 | 99,0 | 150,0 | 136,7 | 75,1 | | | |
| | 48 | 17820 | 1,0 | 30,79 | 7,4 | 14,5 | 50,7 | 62,7 | **SK 9282 - 280 MP/4** | 1340 | D76 |
| | 55 | 15540 | 1,1 | 26,89 | 10,1 | 17,1 | 50,9 | 63,3 | | | |
| | 64 | 13410 | 1,2 | 23,15 | 12,5 | 19,3 | 50,5 | 63,5 | | | |
| | 74 | 11630 | 1,4 | 20,13 | 13,1 | 19,5 | 49,2 | 62,2 | | | |
| | 86 | 10040 | 1,5 | 17,33 | 14,6 | 20,7 | 48,6 | 61,9 | | | |
| | 101 | 8504 | 1,7 | 14,70 | 15,8 | 21,6 | 47,6 | 61,0 | | | |
| | 123 | 6969 | 2,0 | 12,01 | 16,8 | 22,2 | 46,2 | 59,5 | | | |
| | 145 | 5907 | 1,8 | 10,18 | 16,3 | 21,4 | 44,4 | 57,3 | | | |
| | 172 | 5006 | 2,2 | 8,64 | 16,6 | 21,4 | 43,1 | 55,9 | | | |
| | 210 | 4102 | 2,5 | 7,06 | 16,8 | 21,0 | 41,4 | 54,0 | | | |
| | 257 | 3346 | 2,6 | 5,78 | 16,7 | 20,5 | 39,7 | 51,9 | | | |
| | 277 | 3100 | 2,7 | 5,34 | 16,6 | 20,2 | 39,0 | 51,1 | | | |

IE3

# 110 kW
# 132 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **110** | 13 | 78926 | 0,9 | 111,80 | 84,7 | 170,0 | 84,7 | 115,4 | **SK 11382.1 - 315 SP/4** | 2360 | D80-81 |
| | 15 | 71851 | 0,9 | 101,78 | 117,9 | 170,0 | 117,9 | 113,9 | | | |
| | 17 | 61783 | 1,2 | 87,52 | 149,6 | 170,0 | 149,6 | 115,4 | | | |
| | 19 | 56437 | 1,2 | 79,95 | 160,0 | 170,0 | 160,0 | 111,1 | | | |
| | 21 | 51098 | 1,3 | 72,38 | 160,0 | 170,0 | 160,0 | 117,9 | | | |
| | 23 | 46317 | 1,4 | 65,61 | 160,0 | 170,0 | 160,0 | 115,8 | | | |
| | 26 | 39827 | 1,9 | 56,42 | 160,0 | 170,0 | 160,0 | 114,9 | | | |
| | 29 | 36381 | 1,9 | 51,54 | 160,0 | 170,0 | 160,0 | 111,0 | | | |
| | 33 | 31552 | 2,2 | 44,70 | 160,0 | 170,0 | 160,0 | 112,4 | | | |
| | 36 | 28821 | 2,3 | 40,83 | 160,0 | 170,0 | 160,0 | 108,8 | | | |
| | 42 | 24997 | 2,6 | 35,41 | 157,9 | 170,0 | 160,0 | 109,1 | | | |
| | 46 | 22833 | 2,7 | 32,35 | 154,5 | 170,0 | 160,0 | 105,7 | | | |
| | 52 | 20162 | 3,1 | 28,56 | 152,1 | 170,0 | 160,0 | 105,4 | | | |
| | 58 | 18089 | 3,2 | 25,62 | 148,1 | 170,0 | 160,0 | 101,9 | | | |
| | 67 | 15756 | 3,7 | 22,32 | 144,9 | 170,0 | 160,0 | 100,7 | | | |
| | 73 | 14392 | 3,8 | 20,39 | 141,5 | 170,0 | 160,0 | 97,7 | | | |
| | 83 | 12654 | 4,2 | 17,93 | 138,2 | 170,0 | 160,0 | 96,3 | | | |
| | 91 | 11559 | 4,4 | 16,37 | 134,9 | 170,0 | 160,0 | 93,5 | | | |
| | 24 | 43112 | 1,0 | 61,07 | 113,3 | 150,0 | 113,3 | 110,5 | **SK 10382.1 - 315 SP/4** | 1760 | D78-79 |
| | 27 | 39224 | 1,1 | 55,56 | 122,0 | 150,0 | 122,0 | 106,2 | | | |
| | 31 | 33447 | 1,1 | 47,38 | 132,6 | 150,0 | 132,6 | 109,8 | | | |
| | 33 | 31555 | 1,2 | 44,70 | 135,5 | 150,0 | 135,5 | 106,0 | | | |
| | 37 | 28697 | 1,4 | 40,65 | 139,6 | 150,0 | 139,6 | 108,5 | | | |
| | 40 | 26109 | 1,5 | 36,98 | 140,0 | 150,0 | 140,0 | 104,7 | | | |
| | 48 | 22069 | 1,8 | 31,26 | 140,0 | 150,0 | 140,0 | 105,4 | | | |
| | 52 | 20079 | 2,1 | 28,44 | 136,9 | 150,0 | 140,0 | 101,8 | | | |
| | 61 | 17122 | 2,3 | 24,25 | 134,3 | 150,0 | 140,0 | 101,4 | | | |
| | 67 | 15577 | 2,5 | 22,07 | 131,0 | 150,0 | 140,0 | 98,1 | | | |
| | 77 | 13573 | 2,5 | 19,23 | 128,4 | 150,0 | 140,0 | 97,3 | | | |
| | 85 | 12349 | 2,5 | 17,49 | 125,2 | 150,0 | 140,0 | 94,2 | | | |
| | 97 | 10841 | 2,5 | 15,36 | 122,4 | 150,0 | 140,0 | 93,0 | | | |
| | 106 | 9863 | 2,5 | 13,97 | 119,3 | 150,0 | 140,0 | 90,2 | | | |
| | 122 | 8627 | 2,5 | 12,22 | 116,3 | 150,0 | 140,0 | 88,6 | | | |
| | 48 | 21740 | 0,8 | 30,79 | 0,3 | 2,6 | 45,3 | 54,8 | **SK 9282 - 315 SP/4** | 1430 | D76 |
| | 55 | 18950 | 0,9 | 26,89 | 2,9 | 8,9 | 46,2 | 56,5 | | | |
| | 64 | 16360 | 1,0 | 23,15 | 6,4 | 12,1 | 46,5 | 57,7 | | | |
| | 74 | 14180 | 1,1 | 20,13 | 7,6 | 13,0 | 45,7 | 56,7 | | | |
| | 86 | 12240 | 1,3 | 17,33 | 10,0 | 15,1 | 45,5 | 57,1 | | | |
| | 101 | 10370 | 1,4 | 14,70 | 12,1 | 16,9 | 45,1 | 57,1 | | | |
| | 124 | 8500 | 1,6 | 12,01 | 13,7 | 18,4 | 44,2 | 56,5 | | | |
| | 146 | 7205 | 1,5 | 10,18 | 13,5 | 17,8 | 42,5 | 54,3 | | | |
| | 172 | 6106 | 1,8 | 8,64 | 14,4 | 18,4 | 41,5 | 53,4 | | | |
| | 210 | 5003 | 2,0 | 7,06 | 14,9 | 18,5 | 40,1 | 51,9 | | | |
| | 257 | 4081 | 2,2 | 5,78 | 15,1 | 18,5 | 38,7 | 50,3 | | | |
| | 278 | 3782 | 2,2 | 5,34 | 15,2 | 18,4 | 38,1 | 49,6 | | | |
| **132** | 21 | 61235 | 1,1 | 72,38 | 151,0 | 170,0 | 151,0 | 108,5 | **SK 11382.1 - 315 MP/4** | 2560 | D80-81 |
| | 23 | 55506 | 1,2 | 65,61 | 158,6 | 170,0 | 160,0 | 106,9 | | | |
| | 26 | 47728 | 1,6 | 56,42 | 158,1 | 170,0 | 160,0 | 107,3 | | | |
| | 29 | 43598 | 1,6 | 51,54 | 155,5 | 170,0 | 160,0 | 103,4 | | | |
| | 33 | 37811 | 1,9 | 44,70 | 155,7 | 170,0 | 160,0 | 106,4 | | | |
| | 36 | 34539 | 1,9 | 40,83 | 152,8 | 170,0 | 160,0 | 102,8 | | | |
| | 42 | 29956 | 2,2 | 35,41 | 151,7 | 170,0 | 160,0 | 104,3 | | | |
| | 46 | 27363 | 2,3 | 32,35 | 148,6 | 170,0 | 160,0 | 100,9 | | | |
| | 52 | 24162 | 2,6 | 28,56 | 147,1 | 170,0 | 160,0 | 101,5 | | | |
| | 58 | 21678 | 2,7 | 25,62 | 143,5 | 170,0 | 160,0 | 98,1 | | | |
| | 67 | 18881 | 3,1 | 22,32 | 141,0 | 170,0 | 160,0 | 97,7 | | | |
| | 73 | 17247 | 3,1 | 20,39 | 137,8 | 170,0 | 160,0 | 94,7 | | | |
| | 83 | 15165 | 3,5 | 17,93 | 135,1 | 170,0 | 160,0 | 93,9 | | | |
| | 91 | 13853 | 3,7 | 16,37 | 132,0 | 170,0 | 160,0 | 91,0 | | | |

# 132 kW
# 160 kW

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NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 33 | 37815 | 1,0 | 44,70 | 124,8 | 150,0 | 124,8 | 98,1 | **SK 10382.1 - 315 MP/4** | 1960 | D78-79 |
| | 37 | 34390 | 1,2 | 40,65 | 131,0 | 150,0 | 131,0 | 102,0 | | | |
| | 40 | 31288 | 1,3 | 36,98 | 135,0 | 150,0 | 135,9 | 98,2 | | | |
| | 48 | 26448 | 1,5 | 31,26 | 134,3 | 150,0 | 140,0 | 100,3 | | | |
| | 52 | 24062 | 1,8 | 28,44 | 131,4 | 150,0 | 140,0 | 96,8 | | | |
| | 61 | 20518 | 1,9 | 24,25 | 129,7 | 150,0 | 140,0 | 97,5 | | | |
| | 68 | 18668 | 2,1 | 22,07 | 126,7 | 150,0 | 140,0 | 94,2 | | | |
| | 77 | 16266 | 2,1 | 19,23 | 124,8 | 150,0 | 140,0 | 94,2 | | | |
| | 85 | 14799 | 2,1 | 17,49 | 121,8 | 150,0 | 140,0 | 91,1 | | | |
| | 97 | 12992 | 2,1 | 15,36 | 119,5 | 150,0 | 140,0 | 90,6 | | | |
| | 107 | 11820 | 2,1 | 13,97 | 116,6 | 150,0 | 140,0 | 87,7 | | | |
| | 122 | 10338 | 2,1 | 12,22 | 114,0 | 150,0 | 140,0 | 86,6 | | | |
| | 55 | 22710 | 0,8 | 26,89 | 0 | 0 | 35,1 | 48,9 | **SK 9282 - 315 MP/4** | 1630 | D76 |
| | 64 | 19600 | 0,8 | 23,15 | 1,3 | 2,7 | 42,0 | 51,0 | | | |
| | 74 | 17000 | 0,9 | 20,13 | 1,3 | 7,2 | 37,5 | 50,8 | | | |
| | 86 | 14670 | 1,1 | 17,33 | 4,7 | 9,2 | 42,1 | 52,1 | | | |
| | 101 | 12430 | 1,2 | 14,70 | 7,6 | 11,9 | 42,2 | 52,6 | | | |
| | 124 | 10190 | 1,4 | 12,01 | 10,2 | 14,2 | 41,9 | 52,8 | | | |
| | 146 | 8635 | 1,2 | 10,18 | 10,4 | 13,9 | 40,4 | 51,0 | | | |
| | 172 | 7317 | 1,5 | 8,64 | 11,7 | 15,1 | 39,7 | 50,6 | | | |
| | 210 | 5996 | 1,7 | 7,06 | 12,8 | 15,9 | 38,8 | 49,7 | | | |
| | 258 | 4891 | 1,8 | 5,78 | 13,4 | 16,4 | 37,5 | 48,5 | | | |
| | 278 | 4532 | 1,8 | 5,34 | 13,6 | 16,4 | 37,0 | 47,9 | | | |
| **160** | 21 | 74225 | 0,9 | 72,38 | 108,2 | 170,0 | 108,2 | 96,6 | **SK 11382.1 - 315 RP/4** | 2590 | D80-81 |
| | 23 | 67280 | 1,0 | 65,61 | 133,8 | 170,0 | 133,8 | 95,7 | | | |
| | 26 | 57853 | 1,3 | 56,42 | 145,7 | 170,0 | 159,2 | 97,6 | | | |
| | 29 | 52846 | 1,3 | 51,54 | 143,7 | 170,0 | 160,0 | 93,8 | | | |
| | 33 | 45832 | 1,5 | 44,70 | 145,8 | 170,0 | 160,0 | 98,8 | | | |
| | 36 | 41866 | 1,6 | 40,83 | 143,4 | 170,0 | 160,0 | 95,2 | | | |
| | 42 | 36310 | 1,8 | 35,41 | 143,9 | 170,0 | 160,0 | 98,2 | | | |
| | 46 | 33168 | 1,9 | 32,35 | 141,2 | 170,0 | 160,0 | 94,9 | | | |
| | 52 | 29288 | 2,1 | 28,56 | 140,8 | 170,0 | 160,0 | 96,6 | | | |
| | 58 | 26276 | 2,2 | 25,62 | 137,6 | 170,0 | 160,0 | 93,3 | | | |
| | 67 | 22886 | 2,5 | 22,32 | 136,0 | 170,0 | 160,0 | 93,9 | | | |
| | 73 | 20906 | 2,6 | 20,39 | 133,1 | 170,0 | 160,0 | 90,9 | | | |
| | 83 | 18382 | 2,9 | 17,93 | 131,1 | 170,0 | 160,0 | 90,8 | | | |
| | 91 | 16791 | 3,0 | 16,37 | 128,2 | 170,0 | 160,0 | 88,0 | | | |
| | 33 | 45836 | 0,8 | 44,70 | 106,2 | 150,0 | 106,2 | 88,2 | **SK 10382.1 - 315 RP/4** | 1990 | D78-79 |
| | 37 | 41685 | 1,0 | 40,65 | 116,6 | 150,0 | 116,6 | 93,7 | | | |
| | 40 | 37925 | 1,1 | 36,98 | 124,6 | 150,0 | 124,6 | 90,9 | | | |
| | 48 | 32058 | 1,2 | 31,26 | 127,0 | 150,0 | 134,8 | 94,0 | | | |
| | 52 | 29166 | 1,5 | 28,44 | 124,4 | 150,0 | 138,9 | 90,5 | | | |
| | 61 | 24871 | 1,6 | 24,25 | 124,0 | 150,0 | 140,0 | 92,6 | | | |
| | 68 | 22627 | 1,7 | 22,07 | 121,3 | 150,0 | 140,0 | 89,3 | | | |
| | 77 | 19716 | 1,7 | 19,23 | 120,2 | 150,0 | 140,0 | 90,3 | | | |
| | 85 | 17938 | 1,7 | 17,49 | 117,5 | 150,0 | 140,0 | 87,2 | | | |
| | 97 | 15748 | 1,7 | 15,36 | 115,9 | 150,0 | 140,0 | 87,4 | | | |
| | 107 | 14327 | 1,7 | 13,97 | 113,2 | 150,0 | 140,0 | 84,6 | | | |
| | 122 | 12531 | 1,7 | 12,22 | 111,1 | 150,0 | 140,0 | 84,1 | | | |
| | 74 | 20600 | 0,8 | 20,13 | 0 | 0 | 31,0 | 43,4 | **SK 9282 - 315 RP/4** | 1660 | D76 |
| | 86 | 17780 | 0,9 | 17,33 | 0,3 | 1,6 | 37,7 | 45,6 | | | |
| | 101 | 15070 | 1,0 | 14,70 | 1,9 | 5,6 | 38,5 | 47,1 | | | |
| | 124 | 12350 | 1,1 | 12,01 | 5,7 | 9,1 | 38,9 | 48,2 | | | |
| | 146 | 10470 | 1,0 | 10,18 | 6,3 | 9,3 | 37,7 | 47,0 | | | |
| | 172 | 8869 | 1,3 | 8,64 | 8,3 | 11,2 | 37,4 | 47,1 | | | |
| | 210 | 7268 | 1,4 | 7,06 | 10,1 | 12,7 | 36,9 | 46,8 | | | |
| | 258 | 5928 | 1,5 | 5,78 | 11,3 | 13,7 | 36,0 | 46,1 | | | |
| | 278 | 5493 | 1,5 | 5,34 | 11,6 | 13,9 | 35,6 | 45,7 | | | |

IE3

# 200 kW

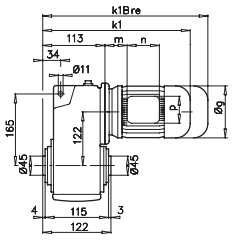
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **200** | 26 | 72413 | 1,0 | 56,42 | 115,7 | 170,0 | 115,7 | 83,8 | **SK 11382.1 - 315 LP/4** | 2790 | D80-81 |
| | 29 | 66146 | 1,0 | 51,54 | 126,8 | 170,0 | 137,3 | 80,1 | | | |
| | 33 | 57367 | 1,2 | 44,70 | 131,7 | 170,0 | 160,0 | 87,8 | | | |
| | 36 | 52403 | 1,3 | 40,83 | 130,1 | 170,0 | 160,0 | 84,3 | | | |
| | 42 | 45448 | 1,5 | 35,41 | 132,7 | 170,0 | 160,0 | 89,6 | | | |
| | 46 | 41515 | 1,5 | 32,35 | 130,7 | 170,0 | 160,0 | 86,3 | | | |
| | 52 | 36659 | 1,7 | 28,56 | 131,8 | 170,0 | 160,0 | 89,7 | | | |
| | 58 | 32889 | 1,8 | 25,62 | 129,3 | 170,0 | 160,0 | 86,5 | | | |
| | 67 | 28646 | 2,0 | 22,32 | 129,0 | 170,0 | 160,0 | 88,4 | | | |
| | 73 | 26167 | 2,1 | 20,39 | 126,5 | 170,0 | 160,0 | 85,5 | | | |
| | 83 | 23008 | 2,3 | 17,93 | 125,5 | 170,0 | 160,0 | 86,4 | | | |
| | 91 | 21017 | 2,4 | 16,37 | 122,9 | 170,0 | 160,0 | 83,7 | | | |

# Notizen

# Parallel Shaft Gear Units

**SK 1282/02**

| | $i_{ges}$ | $n_2$ ($n_1$ = 1750 min$^{-1}$) [min$^{-1}$] | $M_{2max}$ $f_B$ = 1 [Nm] | $P_{1ma}$ ($n_1$ = 1750 min$^{-1}$) [kW] |
|---|---|---|---|---|
| SK 1282/02 | 3608,19 | 0,49 | 290 | 0,05 |
| | 2448,65 | 0,71 | 290 | 0,06 |
| W | 1968,10 | 0,89 | 290 | 0,07 |
| + | 1620,65 | 1,1 | 290 | 0,07 |
| IEC | 1362,13 | 1,3 | 290 | 0,08 |
| | 1066,50 | 1,6 | 290 | 0,09 |
| mm | 826,23 | 2,1 | 290 | 0,10 |
| | 663,69 | 2,6 | 290 | 0,12 |



# SK 1282/02

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 63 | IEC 71 | IEC 80 | IEC 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 1282/02** | **3608,19** | **0,39** | 290 | 0,05 | 0,03 | 0,03 | * | * | | | | | |
| | **2448,65** | **0,57** | 290 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| **W** | **1968,10** | **0,71** | 290 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| **+** | **1620,65** | **0,86** | 290 | 0,07 | 0,04 | 0,03 | * | * | | | | | |
| **IEC** | **1362,13** | **1,0** | 290 | 0,07 | 0,05 | 0,04 | * | * | | | | | |
| | 1066,50 | 1,3 | 290 | 0,08 | 0,05 | 0,04 | * | * | * | * | | | |
| mm | 826,23 | 1,7 | 290 | 0,09 | 0,06 | 0,05 | * | * | * | * | | | |
| | 663,69 | 2,1 | 290 | 0,10 | 0,07 | 0,05 | * | * | * | * | | | |
| ⇨ D82 | 546,50 | 2,6 | 290 | 0,12 | 0,08 | 0,06 | * | * | * | * | | | |
| | 405,75 | 3,5 | 290 | 0,15 | 0,10 | 0,07 | * | * | * | * | | | |
| | 328,02 | 4,3 | 290 | 0,17 | 0,11 | 0,09 | * | * | * | * | | | |
| | 283,85 | 4,9 | 290 | 0,19 | 0,12 | 0,09 | | * | * | * | | | |
| | 229,08 | 6,1 | 290 | 0,23 | 0,15 | 0,11 | | * | * | * | | | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 |
|---|---|---|---|---|---|---|
| **SK 1282/02** | 26 | 27 | 28 | 31 | 31 | - |

# SK 1282

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 1282** | **109,50** | **13** | 209 | 0,28 | 0,19 | 0,14 | | * | | | | |
| | **92,48** | **15** | 232 | 0,36 | 0,24 | 0,18 | | * | | | | |
| **W** | **81,17** | **17** | 296 | 0,53 | 0,35 | 0,26 | | | | | | |
| **+** | **72,17** | **19** | 296 | 0,59 | 0,39 | 0,29 | | | * | * | | |
| **IEC** | **66,23** | **21** | 270 | 0,59 | 0,39 | 0,30 | | | | | | |
| mm | **58,89** | **24** | 283 | 0,71 | 0,47 | 0,36 | | | * | * | | |
| ⇨ D82 | **55,39** | **25** | 235 | 0,62 | 0,41 | 0,31 | | | | | | |
| | **49,25** | **28** | 260 | 0,76 | 0,50 | 0,38 | | | | * | | |
| | **46,19** | **30** | 196 | 0,62 | 0,41 | 0,31 | | | | | | |
| | **41,07** | **34** | 217 | 0,77 | 0,51 | 0,39 | | | | * | | |
| | 32,08 | 44 | 230 | 1,06 | 0,70 | 0,53 | | | | * | | |
| | 28,33 | 49 | 225 | 1,15 | 0,76 | 0,58 | | | | * | | |
| | 25,22 | 56 | 225 | 1,32 | 0,87 | 0,66 | | | | * | * | * |
| | 20,57 | 68 | 225 | 1,60 | 1,06 | 0,80 | | | | | * | * |
| | 17,21 | 81 | 224 | 1,90 | 1,25 | 0,95 | | | | | * | * |
| | 14,11 | 99 | 210 | 2,18 | 1,44 | 1,09 | | | | | * | * |
| | 11,76 | 119 | 204 | 2,54 | 1,68 | 1,27 | | | | | * | * |
| | 10,34 | 135 | 196 | 2,77 | 1,83 | 1,39 | | | | | * | * |
| | 9,18 | 153 | 189 | 3,03 | 2,00 | 1,51 | | | | | | * |
| | 8,24 | 170 | 191 | 3,40 | 2,24 | 1,70 | | | | | * | * |
| | 8,21 | 171 | 160 | 2,86 | 1,89 | 1,43 | | | | | | * |
| | 7,24 | 193 | 187 | 3,78 | 2,49 | 1,89 | | | | | | * |
| | 6,43 | 218 | 181 | 4,00 | 2,64 | 2,00 | | | | | | |
| | 5,47 | 256 | 172 | 4,00 | 2,64 | 2,00 | | | | | | |
| | 4,79 | 292 | 128 | 3,91 | 2,58 | 1,96 | | | | | | * |

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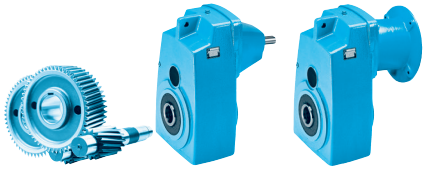
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 1282** | 18 | 19 | 20 | 23 | 23 | 30 | 30 |

# SK 2282/02
# SK 2382



DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $f_B \geq 1$ | | | IEC $f_B$ ⇨ D4 - D40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | $n_1$ = 930 min$^{-1}$ | $n_1$ = 700 min$^{-1}$ | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | | | |
| **SK 2282/02** | **3426,39** | **0,41** | 520 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| | **2654,05** | **0,53** | 520 | 0,07 | 0,05 | 0,03 | * | * | | | | | |
| **W** | **2133,20** | **0,66** | 520 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| **+** | **1728,15** | **0,81** | 520 | 0,08 | 0,06 | 0,04 | * | * | | | | | |
| **IEC** | **1423,06** | **0,98** | 520 | 0,09 | 0,06 | 0,05 | * | * | | | | | |
| | 1064,71 | 1,3 | 520 | 0,11 | 0,07 | 0,06 | * | * | * | * | | | |
| mm | 824,77 | 1,7 | 520 | 0,13 | 0,09 | 0,07 | * | * | * | * | | | |
| | 662,92 | 2,1 | 520 | 0,15 | 0,10 | 0,08 | * | * | * | * | | | |
| ⇨ D82 | 514,51 | 2,7 | 520 | 0,19 | 0,12 | 0,09 | | * | * | * | | | |
| | 423,50 | 3,3 | 520 | 0,22 | 0,14 | 0,11 | | * | * | * | | | |
| | 356,28 | 3,9 | 520 | 0,25 | 0,17 | 0,13 | | * | * | * | | | |
| | 287,51 | 4,9 | 520 | 0,31 | 0,20 | 0,15 | | * | * | * | | | |
| | 215,75 | 6,5 | 520 | 0,39 | 0,26 | 0,20 | | | * | * | | | |
| | 174,78 | 8,0 | 520 | 0,48 | 0,31 | 0,24 | | | * | * | | | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | | | |
| **SK 2382** | **763,41** | **1,8** | 438 | 0,08 | 0,05 | 0,04 | * | * | | | | | |
| | **623,10** | **2,2** | 521 | 0,12 | 0,08 | 0,06 | * | * | | | | | |
| **W** | **482,56** | **2,9** | 521 | 0,16 | 0,10 | 0,08 | * | * | | | | | |
| **+** | **390,93** | **3,6** | 521 | 0,20 | 0,13 | 0,10 | | * | | | | | |
| **IEC** | **330,45** | **4,2** | 563 | 0,25 | 0,16 | 0,12 | | * | | | | | |
| | **276,27** | **5,1** | 553 | 0,30 | 0,19 | 0,15 | | * | | | | | |
| mm | **236,11** | **5,9** | 473 | 0,29 | 0,19 | 0,15 | | * | | | | | |
| | 185,11 | 7,6 | 521 | 0,41 | 0,27 | 0,21 | | | * | * | | | |
| ⇨ D87 | 149,96 | 9,3 | 521 | 0,51 | 0,33 | 0,25 | | | * | * | | | |
| | 131,86 | 11 | 521 | 0,60 | 0,40 | 0,30 | | | * | * | | | |
| | 116,35 | 12 | 521 | 0,65 | 0,43 | 0,33 | | | * | * | | | |
| | 98,35 | 14 | 563 | *0,75* | *0,50* | *0,38* | | | | * | | | |
| | 82,22 | 17 | 561 | *0,75* | *0,50* | *0,38* | | | | * | | | |

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Parallel shaft gear units

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 2282/02** | 37 | 38 | 39 | 42 | 42 |
| **SK 2382** | 36 | 37 | 38 | 41 | 41 |

# SK 2282

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 2282** | **127,51** | **11** | 380 | 0,44 | 0,29 | 0,22 | | * | | | | | |
| | **104,07** | **13** | 397 | 0,54 | 0,36 | 0,27 | | * | | | | | |
| **W** | **100,98** | **14** | 440 | 0,65 | 0,43 | 0,32 | | * | * | | | | |
| **+** | **82,42** | **17** | 477 | 0,85 | 0,56 | 0,42 | | | * | | | | |
| **IEC** | **69,67** | **20** | 443 | 0,93 | 0,61 | 0,46 | | | * | | | | |
| | **63,83** | **22** | 521 | 1,20 | 0,79 | 0,60 | | | * | | | | |
| mm | **53,96** | **26** | 506 | 1,38 | 0,91 | 0,69 | | | * | | | | |
| | **51,71** | **27** | 521 | 1,47 | 0,97 | 0,74 | | | * | * | * | | |
| ⇨ D86 | **45,11** | **31** | 450 | 1,46 | 0,96 | 0,73 | | | * | | | | |
| | **43,71** | **32** | 563 | 1,89 | 1,25 | 0,94 | | | | * | * | | |
| | 37,18 | 38 | 460 | 1,83 | 1,21 | 0,92 | | | | | | | |
| | **36,54** | **38** | 501 | 1,99 | 1,32 | 1,00 | | | | * | * | | |
| | **31,23** | **45** | 445 | 2,10 | 1,38 | 1,05 | | | | * | * | | |
| | 29,65 | 47 | 500 | 2,46 | 1,62 | 1,23 | | | | * | * | | |
| | 26,83 | 52 | 439 | 2,39 | 1,58 | 1,20 | | | | * | * | | |
| | 24,97 | 56 | 490 | 2,87 | 1,90 | 1,44 | | | | * | * | | |
| | 23,96 | 58 | 435 | 2,64 | 1,74 | 1,32 | | | | * | * | | |
| | 21,90 | 64 | 480 | 3,22 | 2,12 | 1,61 | | | | | * | | |
| | 18,51 | 76 | 486 | 3,87 | 2,55 | 1,93 | | | | | * | | |
| | 16,53 | 85 | 471 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 13,23 | 106 | 405 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 11,81 | 119 | 384 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 10,15 | 138 | 356 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 9,03 | 155 | 335 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 8,37 | 167 | 256 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 7,48 | 187 | 243 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 6,43 | 218 | 226 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 5,72 | 245 | 212 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 4,51 | 310 | 186 | *4,00* | *2,64* | *2,00* | | | | | | | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|
| **SK 2282** | 35 | 33 | 37 | 37 | 41 | 41 |

# SK 3282/12
# SK 3382

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 1400 min$^{-1}$ | $n_1$ = 930 min$^{-1}$ | $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 3282/12** | **3435,26** | **0,41** | 900 | 0,08 | 0,05 | 0,04 | * | * | | | | |
| | **2797,18** | **0,50** | 900 | 0,09 | 0,06 | 0,04 | * | * | | | | |
| **W** | **2248,69** | **0,62** | 900 | 0,10 | 0,06 | 0,05 | * | * | | | | |
| **+** | 1697,29 | 0,82 | 900 | 0,12 | 0,08 | 0,06 | * | * | * | * | | |
| **IEC** | 1335,98 | 1,0 | 900 | 0,13 | 0,09 | 0,07 | * | * | * | * | * | * |
| | 1067,99 | 1,3 | 900 | 0,16 | 0,11 | 0,08 | * | * | * | * | * | * |
| mm | 853,43 | 1,6 | 900 | 0,19 | 0,13 | 0,10 | | * | * | * | * | * |
| | 686,08 | 2,0 | 900 | 0,23 | 0,15 | 0,11 | | * | * | * | * | * |
| ⇨ D82 | 520,83 | 2,7 | 900 | 0,29 | 0,19 | 0,15 | | * | * | * | * | * |
| | 461,81 | 3,0 | 900 | 0,32 | 0,21 | 0,16 | | * | * | * | * | * |
| | 358,12 | 3,9 | 900 | 0,41 | 0,27 | 0,20 | | | * | * | * | * |
| | 270,39 | 5,2 | 900 | 0,53 | 0,35 | 0,27 | | | * | * | * | * |
| | 217,37 | 6,4 | 900 | 0,64 | 0,42 | 0,32 | | | * | * | * | * |
| | 179,57 | 7,8 | 900 | 0,78 | 0,51 | 0,39 | | | | * | * | * |
| | 141,49 | 9,9 | 900 | 0,93 | 0,62 | 0,47 | | | | * | * | * |
| | 114,23 | 12 | 900 | 1,13 | 0,75 | 0,57 | | | | * | * | * |
| | 87,73 | 16 | 900 | 1,50 | 0,99 | 0,75 | | | | | * | * |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 3382** | **1022,42** | **1,4** | 787 | 0,12 | 0,08 | 0,06 | * | * | | | | |
| | **919,00** | **1,5** | 822 | 0,13 | 0,09 | 0,06 | * | * | | | | |
| **W** | **808,42** | **1,7** | 1039 | 0,18 | 0,12 | 0,09 | | * | | | | |
| **+** | **726,61** | **1,9** | 944 | 0,19 | 0,12 | 0,09 | | * | | | | |
| **IEC** | **584,13** | **2,4** | 1000 | 0,25 | 0,17 | 0,13 | | * | | | | |
| | **482,56** | **2,9** | 866 | 0,26 | 0,17 | 0,13 | | * | | | | |
| mm | **408,58** | **3,4** | 796 | 0,28 | 0,19 | 0,14 | | * | | | | |
| | 287,14 | 4,9 | 938 | 0,48 | 0,32 | 0,24 | | | * | * | | |
| ⇨ D82 | 230,83 | 6,1 | 1000 | 0,64 | 0,42 | 0,32 | | | * | * | | |
| | 190,69 | 7,3 | 866 | 0,66 | 0,44 | 0,33 | | | * | * | | |
| | 161,46 | 8,7 | 788 | 0,72 | 0,47 | 0,36 | | | * | * | | |
| | 126,93 | 11 | 774 | 0,89 | 0,59 | 0,45 | | | | * | * | * |
| | 104,05 | 13 | 735 | 1,00 | 0,66 | 0,50 | | | | * | * | * |
| | 89,60 | 16 | 621 | 1,04 | 0,69 | 0,52 | | | | * | * | * |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 3282/12** | 54 | 55 | 56 | 59 | 59 | 66 | 66 |
| **SK 3382** | 52 | 53 | 54 | 57 | 57 | 64 | 64 |

# SK 3282

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 3282** | **112,23** | **12** | 770 | 0,97 | 0,64 | 0,48 | | | * | | | |
| | **100,88** | **14** | 807 | 1,18 | 0,78 | 0,59 | | | * | | | |
| **W** | **88,74** | **16** | 945 | 1,58 | 1,04 | 0,79 | | | | | | |
| **+** | **79,76** | **18** | 850 | 1,60 | 1,06 | 0,80 | | | | | | |
| **IEC** | **70,56** | **20** | 564 | 1,18 | 0,78 | 0,59 | | | * | | | |
| | **65,89** | **21** | 758 | 1,67 | 1,10 | 0,83 | | | | | | |
| mm | **64,12** | **22** | 1015 | 2,34 | 1,54 | 1,17 | | | | * | * | |
| ⇨ D86 | **55,79** | **25** | 642 | 1,68 | 1,11 | 0,84 | | | | | | |
| | **52,97** | **26** | 845 | 2,30 | 1,52 | 1,15 | | | | * | * | |
| | **48,04** | **29** | 552 | 1,68 | 1,11 | 0,84 | | | | | | |
| | **44,85** | **31** | 737 | 2,39 | 1,58 | 1,20 | | | | * | * | |
| | 42,02 | 33 | 929 | 3,21 | 2,12 | 1,61 | | | | | * | |
| | **38,62** | **36** | 634 | 2,39 | 1,58 | 1,19 | | | | * | * | |
| | 37,77 | 37 | 835 | 3,24 | 2,14 | 1,62 | | | | | * | |
| | **31,93** | 44 | 877 | 4,04 | 2,67 | 2,02 | | | | | | |
| | 28,70 | 49 | 870 | 4,46 | 2,95 | 2,23 | | | | | | |
| | 25,88 | 54 | 846 | 4,78 | 3,16 | 2,39 | | | | | | |
| | 23,71 | 59 | 805 | 4,97 | 3,28 | 2,49 | | | | | | |
| | 22,45 | 62 | 800 | 5,19 | 3,43 | 2,60 | | | | | | * |
| | 21,38 | 65 | 722 | 4,91 | 3,24 | 2,46 | | | | | | |
| | 20,18 | 69 | 822 | 5,94 | 3,92 | 2,97 | | | | | | * |
| | 16,67 | 84 | 841 | 7,40 | 4,88 | 3,70 | | | | | | * |
| | 14,11 | 99 | 857 | 8,88 | 5,86 | 4,44 | | | | | | * |
| | 11,38 | 123 | 821 | *9,20* | *6,07* | *4,60* | | | | | | |
| | 9,80 | 143 | 839 | *9,20* | *6,07* | *4,60* | | | | | | |
| | 8,31 | 168 | 676 | *9,20* | *6,07* | *4,60* | | | | | | |
| | 6,70 | 209 | 607 | *9,20* | *6,07* | *4,60* | | | | | | |
| | 5,74 | 244 | 555 | *9,20* | *6,07* | *4,60* | | | | | | |
| | 4,48 | 312 | 461 | *9,20* | *6,07* | *4,60* | | | | | | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|
| **SK 3282** | 50 | 48 | 52 | 52 | 56 | 56 | 65 |

# SK 4282/12
# SK 4382

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $f_B \geq 1$ | | | IEC $f_B$ ⇨ D4 - D40 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | $n_1$ = 930 min$^{-1}$ | $n_1$ = 700 min$^{-1}$ | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 4282/12** | **2782,46** | **0,50** | 1800 | 0,13 | 0,09 | 0,07 | * | * | | | | | |
| | **2248,25** | **0,62** | 1800 | 0,16 | 0,10 | 0,08 | * | * | | | | | |
| **W** | **1830,65** | **0,76** | 1800 | 0,18 | 0,12 | 0,09 | | * | | | | | |
| **+** | **1343,53** | **1,0** | 1800 | 0,23 | 0,15 | 0,11 | | * | | | | | |
| **IEC** | 1110,82 | 1,3 | 1800 | 0,29 | 0,19 | 0,14 | | * | * | * | | | |
| | 873,31 | 1,6 | 1800 | 0,34 | 0,23 | 0,17 | | * | * | * | * | * | |
| mm | 698,96 | 2,0 | 1800 | 0,42 | 0,28 | 0,21 | | | * | * | * | * | |
| | 558,54 | 2,5 | 1800 | 0,51 | 0,34 | 0,26 | | | * | * | * | * | |
| ⇨ D82 | 409,92 | 3,4 | 1800 | 0,68 | 0,45 | 0,34 | | | * | * | * | * | |
| | 340,87 | 4,1 | 1800 | 0,77 | 0,51 | 0,39 | | | | * | * | * | |
| | 302,24 | 4,6 | 1800 | 0,87 | 0,57 | 0,43 | | | | * | * | * | |
| | 234,38 | 6,0 | 1800 | 1,13 | 0,75 | 0,57 | | | | * | * | * | |
| | 176,96 | 7,9 | 1800 | 1,49 | 0,98 | 0,74 | | | | * | * | * | |
| | 152,47 | 9,2 | 1800 | 1,73 | 1,14 | 0,87 | | | | | * | * | |
| | 127,52 | 11 | 1800 | 2,07 | 1,37 | 1,04 | | | | | * | * | |

| | | | | | | | IEC | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 63 | 71 | 80 | 90 | 100 | 112 | |
| **SK 4382** | **1585,08** | **0,88** | 1420 | 0,13 | 0,09 | 0,07 | | * | * | * | | | |
| | **1129,91** | **1,2** | 1600 | 0,20 | 0,13 | 0,10 | | * | * | * | | | |
| **W** | **1097,48** | **1,3** | 1088 | 0,15 | 0,10 | 0,07 | | * | * | * | | | |
| **+** | **782,32** | **1,8** | 1476 | 0,28 | 0,18 | 0,14 | | * | * | * | | | |
| **IEC** | **654,27** | **2,1** | 1233 | 0,27 | 0,18 | 0,14 | | * | * | * | | | |
| | **605,88** | **2,3** | 1475 | 0,36 | 0,23 | 0,18 | | | * | * | | | |
| mm | **532,44** | **2,6** | 2000 | 0,54 | 0,36 | 0,27 | | | * | * | | | |
| | **445,23** | **3,1** | 1666 | 0,54 | 0,36 | 0,27 | | | * | * | | | |
| ⇨ D86 | **412,38** | **3,4** | 1990 | 0,71 | 0,47 | 0,35 | | | | * | | | |
| | **390,76** | **3,6** | 2000 | 0,75 | 0,50 | 0,38 | | | * | * | | | |
| | **344,84** | **4,1** | 1662 | 0,71 | 0,47 | 0,36 | | | | * | | | |
| | **326,81** | **4,3** | 1890 | 0,85 | 0,56 | 0,43 | | | | * | | | |
| | **302,65** | **4,6** | 2077 | 1,00 | 0,66 | 0,50 | | | | * | | | |
| | **272,54** | **5,1** | 1572 | 0,84 | 0,55 | 0,42 | | | | * | | | |
| | **253,12** | **5,5** | 1961 | 1,13 | 0,75 | 0,56 | | | | * | | | |
| | **211,09** | **6,6** | 1635 | 1,13 | 0,75 | 0,56 | | | | * | | | |
| | 191,57 | 7,3 | 1990 | 1,52 | 1,00 | 0,76 | | | | | * | * | |
| | 160,20 | 8,7 | 1657 | 1,51 | 1,00 | 0,75 | | | | | * | * | |
| | 140,60 | 10 | 2000 | 2,09 | 1,38 | 1,05 | | | | | * | * | |
| | 118,38 | 12 | 2000 | 2,51 | 1,66 | 1,26 | | | | | * | * | |
| | 103,82 | 13 | 2000 | 2,72 | 1,80 | 1,36 | | | | | * | * | |
| | 86,83 | 16 | 1980 | 3,00 | 1,98 | 1,50 | | | | | | * | |
| | 66,65 | 21 | 1200 | 2,64 | 1,74 | 1,32 | | | | | * | * | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 4282/12** | 69 | 70 | 71 | 74 | 74 | 81 | 81 |
| **SK 4382** | 80 | - | 78 | 82 | 82 | 86 | 86 |

# SK 4282

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B = 1$ | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 90 | 100 | 112 | 132 | 160 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 4282** | **155,40** | **9,0** | 1275 | 1,20 | 0,79 | 0,60 | * | | | | | | |
| | **110,78** | **13** | 1600 | 2,18 | 1,44 | 1,09 | | * | * | | | | |
| **W** | **90,52** | **15** | 1600 | 2,51 | 1,66 | 1,26 | | * | * | | | | |
| **+** | **76,70** | **18** | 1589 | 2,99 | 1,98 | 1,50 | | * | * | | | | |
| **IEC** | **75,39** | **19** | 1589 | 3,16 | 2,09 | 1,58 | | | * | * | | | |
| ↔ mm | **61,60** | **23** | 1794 | 4,32 | 2,85 | 2,16 | | | | * | | | |
| ⇨ D87 | **52,20** | **27** | 1818 | 5,14 | 3,39 | 2,57 | | | | * | | | |
| | 45,05 | 31 | 1594 | 5,17 | 3,41 | 2,59 | | | | * | | | |
| | **43,65** | **32** | 1600 | 5,36 | 3,54 | 2,68 | | | | * | | | |
| | 40,74 | 34 | 1556 | 5,54 | 3,66 | 2,77 | | | | * | | | |
| | **38,31** | **37** | 2000 | 7,75 | 5,11 | 3,87 | | | | * | | | |
| | 36,81 | 38 | 1400 | 5,57 | 3,68 | 2,79 | | | | * | | | |
| | **36,40** | **38** | 1375 | 5,47 | 3,61 | 2,74 | | | | * | | | |
| | 32,34 | 43 | 1620 | 7,29 | 4,81 | 3,65 | | | | * | * | | |
| | **32,04** | **44** | 1785 | 8,22 | 5,43 | 4,11 | | | | * | | | |
| | **26,72** | **52** | 1600 | 8,71 | 5,75 | 4,36 | | | | * | | | |
| | 26,43 | 53 | 1787 | 9,92 | 6,55 | 4,96 | | | | | * | | |
| | 26,25 | 53 | 1608 | 8,92 | 5,89 | 4,46 | | | | * | * | | |
| | 22,39 | 63 | 1699 | 11,21 | 7,40 | 5,60 | | | | | * | | |
| | 21,45 | 65 | 1686 | 11,48 | 7,57 | 5,74 | | | | | * | | |
| | 18,18 | 77 | 1800 | 14,51 | 9,58 | 7,26 | | | | | * | | |
| | 15,20 | 92 | 1800 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 12,68 | 110 | 1750 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 10,85 | 129 | 1700 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 9,23 | 152 | 1634 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 8,33 | 168 | 1272 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 7,13 | 196 | 1202 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 6,06 | 231 | 1200 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 5,43 | 258 | 1035 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 5,00 | 280 | 1035 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 4,70 | 298 | 1035 | *15,00* | *9,90* | *7,50* | | | | | | | |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|
| **SK 4282** | 75 | 70 | 77 | 77 | 91 | 101 |

# SK 5282/12
# SK 5382

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 63 / 71 / 80 / 90 / 100 / 112 |
| **SK 5282/12** | **2772,22** | **0,51** | 3000 | 0,20 | 0,13 | 0,10 | * |
| | **2217,67** | **0,63** | 3000 | 0,24 | 0,16 | 0,12 | * |
| **W + IEC** | **1805,75** | **0,78** | 3000 | 0,29 | 0,19 | 0,14 | * |
| mm | **1334,62** | **1,0** | 3000 | 0,35 | 0,23 | 0,18 | * * * |
| ⇨ D82 | 1095,71 | 1,3 | 3000 | 0,45 | 0,30 | 0,22 | * * |
| | 862,46 | 1,6 | 3000 | 0,54 | 0,36 | 0,27 | * * * * |
| | 689,45 | 2,0 | 3000 | 0,67 | 0,44 | 0,33 | * * * * |
| | 550,94 | 2,5 | 3000 | 0,79 | 0,52 | 0,39 | * * * |
| | 448,15 | 3,1 | 3000 | 0,97 | 0,64 | 0,49 | * * * |
| | 338,35 | 4,1 | 3000 | 1,29 | 0,85 | 0,64 | * * * |
| | 273,15 | 5,1 | 3000 | 1,60 | 1,06 | 0,80 | * * |
| | 232,66 | 6,0 | 3000 | 1,88 | 1,24 | 0,94 | * * |
| | 174,55 | 8,0 | 3000 | 2,51 | 1,66 | 1,26 | * * |
| | 142,18 | 9,8 | 3000 | 3,00 | 1,98 | 1,50 | * |

| | | | | | | | IEC 63 / 71 / 80 / 90 / 100 / 112 / 132 |
|---|---|---|---|---|---|---|---|
| **SK 5382** | **1367,08** | **1,0** | 2700 | 0,28 | 0,19 | 0,14 | * * |
| | **936,45** | **1,5** | 2700 | 0,42 | 0,28 | 0,21 | * * |
| | **700,03** | **2,0** | 3200 | 0,67 | 0,44 | 0,34 | * * |
| **W + IEC** | **570,18** | **2,5** | 2800 | 0,73 | 0,48 | 0,37 | * * |
| mm | **525,20** | **2,7** | 3200 | 0,90 | 0,60 | 0,45 | * |
| ⇨ D86 | **427,79** | **3,3** | 3200 | 1,11 | 0,73 | 0,55 | * |
| | **361,69** | **3,9** | 2800 | 1,14 | 0,75 | 0,57 | * |
| | 331,48 | 4,2 | 3200 | 1,41 | 0,93 | 0,70 | * * * |
| | 269,99 | 5,2 | 2700 | 1,47 | 0,97 | 0,74 | * * * |
| | 248,70 | 5,6 | 3200 | 1,88 | 1,24 | 0,94 | * * |
| | 202,57 | 6,9 | 3200 | 2,31 | 1,53 | 1,16 | * * |
| | 171,27 | 8,2 | 2800 | 2,40 | 1,59 | 1,20 | * * |
| | 153,92 | 9,1 | 3200 | 3,05 | 2,01 | 1,52 | * |
| | 138,82 | 10 | 3200 | 3,35 | 2,21 | 1,68 | * |
| | 117,37 | 12 | 2750 | 3,46 | 2,28 | 1,73 | * |
| | 91,71 | 15 | 2900 | 4,55 | 3,01 | 2,28 | |
| | 82,72 | 17 | 2795 | 4,98 | 3,28 | 2,49 | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 5282/12** | 105 | 1ß6 | 107 | 110 | 110 | 117 | 117 |
| **SK 5382** | 120 | - | 118 | 122 | 122 | 126 | 126 |

# SK 5282

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | |
| **SK 5282** **W + IEC** mm ⇨ D87 | **134,03** | **10** | 2654 | 2,78 | 1,83 | 1,39 | | * | * | | | |
| | **100,19** | **14** | 2241 | 3,29 | 2,17 | 1,64 | | | * | | | |
| | **91,81** | **15** | 2759 | 4,33 | 2,86 | 2,17 | | | | * | | |
| | **81,61** | **17** | 1828 | 3,25 | 2,15 | 1,63 | | | * | | | |
| | **68,63** | **20** | 2970 | 6,22 | 4,11 | 3,11 | | | | * | | |
| | **55,90** | **25** | 2600 | 6,81 | 4,49 | 3,40 | | | | * | | |
| | 55,55 | 25 | 2500 | 6,54 | 4,32 | 3,27 | | | | * | | |
| | **51,49** | **27** | 3235 | 9,15 | 6,04 | 4,57 | | | | * | | |
| | **47,27** | **30** | 2400 | 7,54 | 4,98 | 3,77 | | | | * | | |
| | **41,94** | **33** | 3200 | 11,06 | 7,30 | 5,53 | | | | | | |
| | 40,80 | 34 | 2500 | 8,90 | 5,87 | 4,45 | | | | * | * | |
| | **35,46** | **39** | 2700 | 11,03 | 7,28 | 5,51 | | | | | | |
| | 33,43 | 42 | 2300 | 10,12 | 6,68 | 5,06 | | | | | * | * |
| | 30,50 | 46 | 2900 | 13,97 | 9,22 | 6,98 | | | | | * | * |
| | 25,00 | 56 | 2900 | 17,01 | 11,22 | 8,50 | | | | | | * |
| | 20,36 | 69 | 3100 | 22,00 | 14,52 | 11,00 | | | | | | |
| | 18,88 | 74 | 2600 | 20,15 | 13,30 | 10,07 | | | | | | * |
| | 17,59 | 80 | 2750 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 15,38 | 91 | 2600 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 13,00 | 108 | 2629 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 10,71 | 131 | 2500 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 9,46 | 148 | 2300 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 8,70 | 161 | 2360 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 7,17 | 195 | 2161 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 6,33 | 221 | 2114 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 5,71 | 245 | 1800 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 5,29 | 265 | 1750 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 5,01 | 279 | 1700 | *22,00* | *14,52* | *11,00* | | | | | | |
| | 4,32 | 324 | 1550 | *22,00* | *14,52* | *11,00* | | | | | | |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|
| **SK 5282** | 111 | 106 | 113 | 113 | 127 | 137 | 137 |

# SK 6382/22
# SK 6382/32
# SK 6382

NORD DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ 🕮 D4 - D40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 71 / 80 / 90 / 100 / 112 |
| **SK 6382/22** W + IEC ⇨ 🕮 D86 | **4164,86** | **0,34** | 4780 | 0,21 | 0,14 | 0,11 | * * |
| | **3450,76** | **0,41** | 5400 | 0,27 | 0,18 | 0,14 | * * * |
| | **2738,39** | **0,51** | 4780 | 0,30 | 0,19 | 0,15 | * * * |
| | **2203,53** | **0,64** | 5400 | 0,40 | 0,27 | 0,20 | * * |
| | **1859,20** | **0,75** | 5400 | 0,46 | 0,31 | 0,23 | * * |
| | 1259,27 | 1,1 | 5400 | 0,66 | 0,44 | 0,33 | * * * * |
| | 1104,39 | 1,3 | 5400 | 0,78 | 0,51 | 0,39 | * * * |
| | 818,71 | 1,7 | 5400 | 0,96 | 0,63 | 0,48 | * * * |
| | 637,53 | 2,2 | 5400 | 1,24 | 0,82 | 0,62 | * * * |
| | 569,11 | 2,5 | 5400 | 1,41 | 0,93 | 0,71 | * * * |
| | 435,29 | 3,2 | 5400 | 1,81 | 1,19 | 0,90 | * * |
| | 347,33 | 4,0 | 5400 | 2,26 | 1,49 | 1,13 | * * |
| | 298,46 | 4,7 | 5400 | 2,66 | 1,75 | 1,33 | * * |

| | | | | | | | IEC 71 / 80 / 90 / 100 / 112 / 132 |
|---|---|---|---|---|---|---|---|
| **SK 6382/32** W + IEC ⇨ 🕮 D86 | 223,73 | 6,3 | 4780 | 3,15 | 2,08 | 1,58 | * * |
| | 191,51 | 7,3 | 4780 | 3,65 | 2,41 | 1,83 | * * |
| | 159,23 | 8,8 | 4780 | 4,40 | 2,91 | 2,20 | * |

| | | | | | | | IEC 71 / 80 / 90 / 100 / 112 / 132 / 160 / 180 |
|---|---|---|---|---|---|---|---|
| **SK 6382** W + IEC ⇨ 🕮 D88 | **551,58** | **2,5** | 5170 | 1,35 | 0,89 | 0,68 | * |
| | **445,09** | **3,1** | 4170 | 1,35 | 0,89 | 0,68 | * |
| | **393,19** | **3,6** | 5880 | 2,22 | 1,46 | 1,11 | * * |
| | **317,28** | **4,4** | 5640 | 2,60 | 1,72 | 1,30 | * * |
| | **267,59** | **5,2** | 5880 | 3,20 | 2,11 | 1,60 | * * |
| | **251,76** | **5,6** | 4480 | 2,63 | 1,73 | 1,31 | * * |
| | **225,79** | **6,2** | 4020 | 2,61 | 1,72 | 1,30 | * * |
| | **212,33** | **6,6** | 4670 | 3,23 | 2,13 | 1,61 | * * |
| | **171,34** | **8,2** | 5570 | 4,78 | 3,16 | 2,39 | * |
| | 159,88 | 8,8 | 5770 | 5,32 | 3,51 | 2,66 | * |
| | 126,87 | 11 | 4580 | 5,28 | 3,48 | 2,64 | * |
| | 114,79 | 12 | 5880 | 7,39 | 4,88 | 3,69 | * * |
| | 92,63 | 15 | 6000 | 9,42 | 6,22 | 4,71 | * |
| | 75,18 | 19 | 6000 | 11,94 | 7,88 | 5,97 | * |
| | 73,50 | 19 | 5570 | 11,08 | 7,31 | 5,54 | * |
| | 59,66 | 23 | 5500 | 13,25 | 8,74 | 6,62 | * |
| | 51,07 | 27 | 5080 | 14,36 | 9,48 | 7,18 | * |
| | 42,46 | 33 | 4550 | 15,72 | 10,38 | 7,86 | |
| | 36,34 | 39 | 4550 | 18,58 | 12,26 | 9,29 | |
| | 30,91 | 45 | 4550 | 21,44 | 14,15 | 10,72 | * |
| | 28,72 | 49 | 4600 | *22,00* | *14,52* | *11,00* | |
| | 24,42 | 57 | 4690 | *22,00* | *14,52* | *11,00* | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 6382/22** | 201 | 199 | 203 | 203 | 207 | 207 | - | - | - |
| **SK 6382/32** | 212 | - | - | 214 | 218 | 218 | 227 | - | - |
| **SK 6382** | 192 | - | - | 187 | 194 | 194 | 208 | 218 | 218 |

# SK 6282

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 100 | 112 | 132 | 160 | 180 | 200 | 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| SK 6282 W + IEC mm ⇨ D88 | **80,33** | **17** | 4131 | 7,35 | 4,85 | 3,68 | | | * | | | | |
| | **65,44** | **21** | 3369 | 7,41 | 4,89 | 3,70 | | | * | | | | |
| | **61,08** | **23** | 4535 | 10,92 | 7,21 | 5,46 | | | | * | * | | |
| | **49,75** | **28** | 4040 | 11,85 | 7,82 | 5,92 | | | | * | * | | |
| | **39,48** | **35** | 3200 | 11,73 | 7,74 | 5,86 | | | | * | * | | |
| | 29,90 | 47 | 4537 | 22,33 | 14,74 | 11,16 | | | | | | | |
| | 26,05 | 54 | 4533 | 25,63 | 16,92 | 12,82 | | | | | | | |
| | 22,95 | 61 | 4535 | 28,97 | 19,12 | 14,48 | | | | | | * | * |
| | 18,70 | 75 | 4427 | 34,77 | 22,95 | 17,38 | | | | | | | * |
| | 14,83 | 94 | 4475 | 44,05 | 29,07 | 22,02 | | | | | | | * |
| | 12,35 | 113 | 4389 | 45,00 | 29,70 | 22,50 | | | | | | | |
| | 10,64 | 132 | 4314 | 45,00 | 29,70 | 22,50 | | | | | | | |
| | 9,39 | 149 | 2754 | 42,97 | 28,36 | 21,48 | | | | | | | * |
| | 7,82 | 179 | 2682 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 6,74 | 208 | 2990 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 5,99 | 234 | 2392 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 5,78 | 242 | 2334 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 5,50 | 255 | 2291 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 4,88 | 287 | 2156 | *45,00* | *29,70* | *22,50* | | | | | | | |
| | 4,39 | 319 | 2034 | *45,00* | *29,70* | *22,50* | | | | | | | |

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| kg | W | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|
| **SK 6282** | 215 | 203 | 203 | 216 | 241 | 241 | 255 | 270 |

# SK 7382/22
# SK 7382/32
# SK 7382

NORD DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 71 | 80 | 90 | 100 | 112 | | | | | |
| **SK 7382/22** | **5662,68** | **0,25** | 7080 | 0,23 | 0,15 | 0,11 | * | * | * | | | | | | | |
| | **4892,48** | **0,29** | 7080 | 0,25 | 0,17 | 0,13 | * | * | * | | | | | | | |
| **W + IEC** | **3615,97** | **0,39** | 7080 | 0,33 | 0,22 | 0,16 | | * | * | | | | | | | |
| mm | **2635,97** | **0,53** | 7080 | 0,43 | 0,29 | 0,22 | | * | * | | | | | | | |
| ⇨ D86 | 2066,45 | 0,68 | 7080 | 0,54 | 0,36 | 0,27 | | * | * | * | * | | | | | |
| | 1812,31 | 0,77 | 7080 | 0,61 | 0,40 | 0,31 | | * | * | * | * | | | | | |
| | 1343,50 | 1,0 | 7080 | 0,78 | 0,52 | 0,39 | | | * | * | * | | | | | |
| | 1046,18 | 1,3 | 7080 | 0,96 | 0,64 | 0,48 | | | * | * | * | | | | | |
| | 933,91 | 1,5 | 7080 | 1,11 | 0,73 | 0,56 | | | * | * | * | | | | | |
| | 714,31 | 2,0 | 7080 | 1,48 | 0,98 | 0,74 | | | * | * | * | | | | | |
| | 569,97 | 2,5 | 7080 | 1,85 | 1,22 | 0,93 | | | | * | * | | | | | |
| | 435,50 | 3,2 | 7080 | 2,37 | 1,57 | 1,19 | | | | * | * | | | | | |
| | 376,26 | 3,7 | 7080 | 2,74 | 1,81 | 1,37 | | | | * | * | | | | | |

| | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 7382/32** | 295,54 | 4,7 | 7060 | 3,47 | 2,29 | 1,74 | | | | | * | * | | | | |
| **W + IEC** | 223,20 | 6,3 | 7060 | 4,66 | 3,07 | 2,33 | | | | | | * | | | | |
| mm | | | | | | | | | | | | | | | | |
| ⇨ D86 | | | | | | | | | | | | | | | | |

| | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 7382** | **338,79** | **4,1** | 7540 | 3,24 | 2,14 | 1,62 | | | | | * | * | | | | |
| | **273,57** | **5,1** | 7540 | 4,03 | 2,66 | 2,01 | | | | | | * | | | | |
| **W + IEC** | **216,43** | **6,5** | 8300 | 5,65 | 3,73 | 2,82 | | | | | | * | | | | |
| mm | 204,99 | 6,8 | 7540 | 5,37 | 3,54 | 2,68 | | | | | | * | | | | |
| ⇨ D88 | 162,17 | 8,6 | 6270 | 5,65 | 3,73 | 2,82 | | | | | | * | | | | |
| | 150,57 | 9,3 | 7540 | 7,34 | 4,85 | 3,67 | | | | | | * | | | | |
| | 123,37 | 11 | 7540 | 8,68 | 5,73 | 4,34 | | | | | | * | * | * | | |
| | 106,59 | 13 | 7540 | 10,26 | 6,77 | 5,13 | | | | | | | * | * | | |
| | 93,18 | 15 | 7540 | 11,84 | 7,82 | 5,92 | | | | | | | * | * | * | * |
| | 78,81 | 18 | 7420 | 13,99 | 9,23 | 6,99 | | | | | | | * | * | | |
| | 68,10 | 21 | 7200 | 15,83 | 10,45 | 7,92 | | | | | | | | * | | |
| | 59,52 | 24 | 7060 | 17,74 | 11,71 | 8,87 | | | | | | | | * | * | * |
| | 53,38 | 26 | 7080 | 19,28 | 12,72 | 9,64 | | | | | | | | * | | |
| | 46,66 | 30 | 7080 | 22,24 | 14,68 | 11,12 | | | | | | | | | * | * |
| | 36,92 | 38 | 6620 | 26,34 | 17,39 | 13,17 | | | | | | | | | * | * |
| | 30,42 | 46 | 6620 | 31,89 | 21,05 | 15,94 | | | | | | | | | | * |
| | 26,88 | 52 | 6620 | 36,05 | 23,79 | 18,02 | | | | | | | | | | * |
| | 23,46 | 60 | 6610 | 42,91 | 28,32 | 21,46 | | | | | | | | | | * |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 7382/22** | 274 | 272 | 276 | 276 | 280 | 280 | - | - | - | - | - |
| **SK 7382/32** | 285 | - | - | 287 | 291 | 291 | 300 | - | - | - | - |
| **SK 7382** | 285 | - | - | - | 273 | 273 | 286 | 311 | 311 | 325 | 340 |

# SK 7282

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 132 | 160 | 180 | 200 | 225 | | | |
| **SK 7282** | **69,73** | **20** | 5804 | 12,15 | 8,02 | 6,08 | | * | * | | | | | |
| | **56,91** | **25** | 5534 | 14,49 | 9,56 | 7,24 | | * | * | | | | | |
| **W** | **45,67** | **31** | 5809 | 18,86 | 12,45 | 9,43 | | | * | * | | | | |
| **+** | **45,02** | **31** | 4382 | 14,22 | 9,39 | 7,11 | | * | * | | | | | |
| **IEC** | **37,27** | **38** | 6473 | 25,76 | 17,00 | 12,88 | | | | * | | | | |
| | 34,64 | 40 | 5804 | 24,31 | 16,04 | 12,15 | | | | | | | | |
| mm | 26,89 | 52 | 5807 | 31,62 | 20,87 | 15,81 | | | | | * | | | |
| | 22,87 | 61 | 5802 | 37,06 | 24,46 | 18,53 | | | | | * | | | |
| ⇨ D88 | 19,97 | 70 | 5810 | 42,59 | 28,11 | 21,29 | | | | | * | | | |
| | 16,29 | 86 | 6469 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 12,89 | 109 | 5864 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 11,16 | 125 | 6221 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 9,92 | 141 | 4273 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 9,48 | 148 | 6263 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 8,66 | 162 | 4222 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 7,49 | 187 | 4507 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 6,36 | 220 | 4450 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 5,98 | 234 | 4322 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 5,30 | 264 | 4065 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 5,04 | 278 | 3929 | *45,00* | *29,70* | *22,50* | | | | | | | | |
| | 4,26 | 329 | 3619 | *45,00* | *29,70* | *22,50* | | | | | | | | |

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| kg | W | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|
| **SK 7282** | 278 | 279 | 304 | 304 | 318 | 333 |

# SK 8382/32
# SK 8382/42
# SK 8382

NORD DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 71 80 90 100 112 132 |
| **SK 8382/32** W + IEC mm ⇨ D86 | **6616,79** | **0,21** | 12100 | 0,31 | 0,20 | 0,15 | * * * |
| | **5507,20** | **0,25** | 12100 | 0,36 | 0,24 | 0,18 | * * * |
| | **4211,43** | **0,33** | 12100 | 0,46 | 0,30 | 0,23 | * * |
| | **3524,83** | **0,40** | 12100 | 0,55 | 0,36 | 0,27 | * * |
| | **3005,57** | **0,47** | 12100 | 0,64 | 0,42 | 0,32 | * * |
| | **2416,28** | **0,58** | 12100 | 0,77 | 0,51 | 0,39 | * * * |
| | 1697,85 | 0,82 | 12100 | 1,04 | 0,69 | 0,52 | * * * |
| | 1366,83 | 1,0 | 12100 | 1,27 | 0,84 | 0,63 | * * * |
| | 1064,91 | 1,3 | 12100 | 1,65 | 1,09 | 0,82 | * * * |
| | 891,21 | 1,6 | 12100 | 2,03 | 1,34 | 1,01 | * * * |
| | 718,43 | 1,9 | 12100 | 2,41 | 1,59 | 1,20 | * * * |
| | 612,94 | 2,3 | 12100 | 2,91 | 1,92 | 1,46 | * * * |

| | | | | | | | IEC 71 80 90 100 112 132 160 |
|---|---|---|---|---|---|---|---|
| **SK 8382/42** W + IEC mm ⇨ D87 | 551,02 | 2,5 | 12100 | 3,17 | 2,09 | 1,58 | * * * |
| | 468,52 | 3,0 | 12100 | 3,80 | 2,51 | 1,90 | * * * |
| | 346,66 | 4,0 | 12100 | 5,07 | 3,34 | 2,53 | * * |
| | 294,43 | 4,8 | 12100 | 6,08 | 4,01 | 3,04 | * * |
| | 223,40 | 6,3 | 12100 | 7,98 | 5,27 | 3,99 | * * |
| | 185,94 | 7,5 | 12100 | 9,20 | 6,07 | 4,60 | * |

| | | | | | | | IEC 71 80 90 100 112 132 160 180 200 225 |
|---|---|---|---|---|---|---|---|
| **SK 8382** W + IEC mm ⇨ D88 | **386,68** | **3,6** | 12700 | 4,79 | 3,16 | 2,39 | * |
| | **318,31** | **4,4** | 13000 | 5,99 | 3,95 | 2,99 | * |
| | **294,01** | **4,8** | 12700 | 6,38 | 4,21 | 3,19 | * * * |
| | **242,02** | **5,8** | 13100 | 7,96 | 5,25 | 3,98 | * * * |
| | **201,00** | **7,0** | 10800 | 7,92 | 5,22 | 3,96 | * |
| | **185,66** | **7,5** | 12680 | 9,96 | 6,57 | 4,98 | * * |
| | **152,83** | **9,2** | 13200 | 12,72 | 8,39 | 6,36 | * * |
| | 143,91 | 9,7 | 12500 | 12,70 | 8,38 | 6,35 | * * |
| | 125,38 | 11 | 12190 | 14,04 | 9,27 | 7,02 | * * |
| | 118,47 | 12 | 12450 | 15,64 | 10,33 | 7,82 | * |
| | 103,21 | 14 | 12100 | 17,74 | 11,71 | 8,87 | * |
| | 90,94 | 15 | 12100 | 19,01 | 12,54 | 9,50 | * * * |
| | 75,69 | 18 | 12100 | 22,81 | 15,05 | 11,40 | * * |
| | 65,22 | 21 | 11300 | 24,85 | 16,40 | 12,42 | * * |
| | 57,43 | 24 | 12100 | 30,41 | 20,07 | 15,20 | * |
| | 47,80 | 29 | 12100 | 36,74 | 24,25 | 18,37 | * |
| | 43,59 | 32 | 10600 | 35,52 | 23,44 | 17,76 | * |
| | 35,88 | 39 | 12080 | *45,00* | *29,70* | *22,50* | |
| | 30,92 | 45 | 12090 | *45,00* | *29,70* | *22,50* | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 8382/32** | 410 | 408 | 412 | 412 | 416 | 416 | 425 | - | - | - | - |
| **SK 8382/42** | 435 | - | - | 430 | 437 | 437 | 451 | 461 | - | - | - |
| **SK 8382** | 410 | - | - | - | 398 | 398 | 411 | 436 | 436 | 450 | 465 |

# SK 8282

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ 🕮 D4 - D40 IEC 132 | 160 | 180 | 200 | 225 | 250 | 280 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | | |
| **SK 8282** | **72,21** | **19** | 7875 | 15,67 | 10,34 | 7,83 | | | * | | | | | |
| | **59,44** | **24** | 6483 | 16,29 | 10,75 | 8,15 | | | * | | | | | |
| **W** | **47,51** | **29** | 10613 | 32,23 | 21,27 | 16,11 | | | | | | | | |
| **+** | **39,16** | **36** | 10615 | 40,01 | 26,41 | 20,01 | | | | | * | | | |
| **IEC** | **39,11** | **36** | 9342 | 35,22 | 23,24 | 17,61 | | | | | | | | |
| | **32,24** | **43** | 10346 | 46,58 | 30,75 | 23,29 | | | | | | | | |
| mm | 28,33 | 49 | 9998 | 51,30 | 33,86 | 25,65 | | | | | | | | |
| | 24,50 | 57 | 10603 | 63,28 | 41,77 | 31,64 | | | | | | | | |
| ⇨ 🕮 D89 | 21,13 | 66 | 10618 | 73,38 | 48,43 | 36,69 | | | | | | | * | |
| | 17,40 | 80 | 9697 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 15,18 | 92 | 9480 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 12,96 | 108 | 10294 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 10,86 | 129 | 10290 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 9,67 | 145 | 6521 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 8,26 | 169 | 7296 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 6,92 | 202 | 6786 | *75,00* | *49,50* | *37,50* | | | | | | | * | |
| | 4,52 | 310 | 4890 | *75,00* | *49,50* | *37,50* | | | | | | | * | |

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| kg | W | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 |
|---|---|---|---|---|---|---|---|---|
| **SK 8282** | 481 | 407 | 432 | 432 | 446 | 461 | 516 | 516 |

# SK 9382/..
# SK 9382
# SK 9282

NORD DRIVESYSTEMS



| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ 🕮 D4 - D40 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC: 90 / 100 / 112 / 132 / 160 |
| **SK 9382/42** | **4165,75** | 0,34 | 24000 | 0,85 | 0,56 | 0,43 | * * * |
| | 2435,06 | 0,57 | 24000 | 1,43 | 0,95 | 0,72 | * * * * |
| | 2203,92 | 0,64 | 24000 | 1,61 | 1,06 | 0,80 | * * * |
| **W** | 1747,42 | 0,80 | 24000 | 2,01 | 1,33 | 1,01 | * * * * |
| **+** | 1419,20 | 0,99 | 24000 | 2,49 | 1,64 | 1,24 | * * * * * |
| **IEC** | 1178,81 | 1,2 | 24000 | 3,02 | 1,99 | 1,51 | * * * * |
| mm | 886,49 | 1,6 | 24000 | 4,02 | 2,65 | 2,01 | * * * |
| | 715,38 | 2,0 | 24000 | 5,03 | 3,32 | 2,51 | * * * |
| | 618,30 | 2,3 | 24000 | 5,78 | 3,81 | 2,89 | * * * |
| ⇨ 🕮 D87 | 449,57 | 3,1 | 24000 | 7,79 | 5,14 | 3,90 | * * * |

| | | | | | | | IEC: 90 / 100 / 112 / 132 / 160 / 180 |
|---|---|---|---|---|---|---|---|
| **SK 9382/52** | 411,63 | 3,4 | 24000 | 8,54 | 5,64 | 4,27 | * * * |
| **W + IEC** | 294,54 | 4,8 | 24000 | 12,06 | 7,96 | 6,03 | * * * |
| mm | 233,17 | 6,0 | 24000 | 15,08 | 9,95 | 7,54 | * * |
| | 200,69 | 7,0 | 24000 | 17,59 | 11,61 | 8,80 | * * |
| ⇨ 🕮 D87 | | | | | | | |

| | | | | | | | IEC: 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 / 250 / 280 |
|---|---|---|---|---|---|---|---|
| **SK 9382** | **352,36** | **4,0** | 25400 | 10,64 | 7,02 | 5,32 | * * |
| | **291,25** | **4,8** | 24000 | 12,06 | 7,96 | 6,03 | * * |
| **W** | **204,68** | **6,8** | 22000 | 15,66 | 10,34 | 7,83 | * |
| **+** | 175,05 | 8,0 | 25400 | 21,28 | 14,04 | 10,64 | * |
| **IEC** | 144,69 | 9,7 | 24000 | 24,38 | 16,09 | 12,19 | |
| mm | 135,90 | 10 | 25400 | 26,60 | 17,55 | 13,30 | * * |
| | 115,57 | 12 | 25400 | 31,92 | 21,06 | 15,96 | * * |
| | 100,89 | 14 | 25400 | 37,24 | 24,58 | 18,62 | * * * |
| | 83,19 | 17 | 24000 | 42,72 | 28,20 | 21,36 | * * * |
| ⇨ 🕮 D88 | 72,19 | 19 | 24000 | 47,75 | 31,51 | 23,87 | * * |
| | 65,25 | 21 | 24260 | 53,35 | 35,21 | 26,67 | |
| | 55,49 | 25 | 24000 | 62,83 | 41,47 | 31,41 | |
| | 48,44 | 29 | 24000 | 72,88 | 48,10 | 36,44 | * |
| | 41,93 | 33 | 24000 | *75,00* | *49,50* | *37,50* | * |
| | 35,61 | 39 | 24000 | *75,00* | *49,50* | *37,50* | * |

| | | | | | | | IEC: 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 / 250 / 280 / 315 |
|---|---|---|---|---|---|---|---|
| **SK 9282** | 34,38 | 41 | 16250 | 69,76 | 46,04 | 34,88 | |
| | 30,79 | 45 | 17930 | 84,49 | 55,76 | 42,24 | * |
| **W** | 26,89 | 52 | 17200 | 93,65 | 61,81 | 46,83 | * |
| **+** | 23,15 | 60 | 16426 | 103,20 | 68,11 | 51,60 | * |
| **IEC** | 20,13 | 70 | 15926 | 116,74 | 77,05 | 58,37 | * |
| mm | 17,33 | 81 | 15492 | 131,40 | 86,72 | 65,70 | * |
| | 14,70 | 95 | 14715 | 146,38 | 96,61 | 73,19 | * |
| | 12,01 | 117 | 13808 | 160,00 | 105,60 | 80,00 | * |
| | 10,18 | 138 | 10792 | 155,95 | 102,93 | 77,97 | * |
| ⇨ 🕮 D89 | 8,64 | 162 | 11160 | *160,00* | *105,60* | *80,00* | * |
| | 7,06 | 198 | 10116 | *160,00* | *105,60* | *80,00* | * |
| | 5,78 | 242 | 8825 | *160,00* | *105,60* | *80,00* | * |
| | 5,34 | 262 | 8336 | *160,00* | *105,60* | *80,00* | * |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9382/42** | 737 | 732 | 739 | 739 | 753 | 763 | - | - | - | - | - | - |
| **SK 9382/52** | 766 | - | 768 | 768 | 782 | 792 | 792 | - | - | - | - | - |
| **SK 9382** | 712 | - | - | - | 713 | 738 | 738 | 752 | 767 | 822 | 822 | - |
| **SK 9282** | 782 | - | - | - | 708 | 733 | 733 | 747 | 762 | 817 | 817 | 897 |

# SK 10382.1

| | $i_{ges}$ | $n_2$ $n_1$= 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $f_B \geq 1$ | | | W | IEC $f_B$ ⇨ D4 - D40 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | $n_1$ = 930 min$^{-1}$ | $n_1$ = 700 min$^{-1}$ | | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | | | |
| **SK 10382.1** | **343,19** | **4,1** | 33310 | 14,2 | 9,45 | 7,11 | | | * | * | | | | | |
| | **312,23** | **4,5** | 30310 | 14,2 | 9,45 | 7,12 | | | * | * | | | | | |
| **W** | **283,96** | **4,9** | 27560 | 14,2 | 9,45 | 7,11 | | | * | * | | | | | |
| **+** | **258,35** | **5,4** | 25080 | 14,2 | 9,45 | 7,12 | | | * | * | | | | | |
| **IEC** | **225,94** | **6,2** | 46810 | 30,4 | 20,2 | 15,2 | | | | | | | | | |
| | **205,57** | **6,8** | 42580 | 30,4 | 20,2 | 15,2 | | | | | | | | | |
| mm | **186,95** | **7,5** | 43870 | 34,4 | 22,9 | 17,2 | | | | | | | | | |
| ⇨ D87 | 172,76 | 8,1 | 46250 | 39,2 | 26,1 | 19,6 | | | | | | | | | |
| | 157,18 | 8,9 | 42080 | 39,3 | 26,1 | 19,6 | | | | | | | | | |
| | 135,24 | 10 | 45780 | 49,6 | 33,0 | 24,8 | | | | | | | | | |
| | 123,04 | 11 | 41650 | 49,6 | 33,0 | 24,8 | | | | | | | | | |
| | 111,90 | 13 | 45230 | 59,3 | 39,4 | 29,6 | | | | | | | | | |
| | 95,98 | 15 | 44290 | 67,7 | 44,9 | 33,8 | | | | | | | | * | |
| | 87,32 | 16 | 41120 | 69,0 | 45,9 | 34,5 | | | | | | | | * | |
| | 79,41 | 18 | 43050 | *79,5* | *52,8* | *39,7* | | | | | | | | * | |
| | 72,25 | 19 | 40650 | 82,5 | 54,8 | 41,2 | | | | | | | | * | |
| | 61,07 | 23 | 41400 | 99,4 | 66,0 | 49,7 | | | | | | | | | |
| | 55,56 | 25 | 43660 | 115 | 76,5 | 57,6 | | | | | | | | | |
| | 47,38 | 30 | 38270 | 118 | 78,7 | 59,2 | | | | | | | | | |
| | 44,70 | 31 | 38280 | 126 | 83,4 | 62,8 | | | | | | | | | * |
| | 40,65 | 34 | 39620 | 143 | 94,9 | 71,4 | | | | | | | | | * |
| | 36,98 | 38 | 39930 | 158 | 105 | 79,1 | | | | | | | | | * |
| | 31,26 | 45 | 39210 | *160* | *106* | *80* | | | | | | | | | * |
| | 28,44 | 49 | 43000 | *160* | *106* | *80* | | | | | | | | | * |
| | 24,25 | 58 | 38850 | *160* | *106* | *80* | | | | | | | | | * |
| | 22,07 | 63 | 38560 | *160* | *106* | *80* | | | | | | | | | * |
| | 19,23 | 73 | 33600 | *160* | *106* | *80* | | | | | | | | | * |
| | 17,49 | 80 | 30570 | *160* | *106* | *80* | | | | | | | | | * |
| | 15,36 | 91 | 26830 | *160* | *106* | *80* | | | | | | | | | * |
| | 13,97 | 100 | 24410 | *160* | *106* | *80* | | | | | | | | | * |
| | 12,22 | 115 | 21350 | *160* | *106* | *80* | | | | | | | | | * |

* ⇨ A63



| kg | W | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC315 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 10382.1** | 1070 | 1041 | 1066 | 1066 | 1080 | 1095 | 1150 | 1150 | 1230 |

# SK 11382.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ D4 - D40 IEC 160 | 180 | 200 | 225 | 250 | 280 | 315 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | | | | |
| **SK 11382.1** | 167,17 | 8,4 | 72090 | 63,2 | 42,0 | 31,6 | | | | | | * | | | | |
| | 141,74 | 9,9 | 71210 | 73,7 | 48,9 | 36,8 | | | | | | * | | | | |
| **W** | 130,02 | 11 | 70280 | 79,2 | 52,6 | 39,6 | | | | | | * | | | | |
| **+** | 111,80 | 13 | 68690 | 90,1 | 59,8 | 45,0 | | | | | | | | | | |
| **IEC** | 101,78 | 14 | 67950 | 97,9 | 65,0 | 48,9 | | | | | | | | | | |
| | 87,52 | 16 | 76850 | 129 | 85,5 | 64,4 | | | | | | | | | | |
| mm | 79,95 | 18 | 70200 | 129 | 85,5 | 64,4 | | | | | | | | | | |
| | 72,38 | 19 | 64370 | 130 | 86,6 | 65,2 | | | | | | | * | | | |
| ⇨ D87 | 65,61 | 21 | 67050 | 150 | 99,5 | 74,9 | | | | | | | * | | | |
| | 56,42 | 25 | 75890 | 197 | 131 | 98,6 | | | | | | | * | | | |
| | 51,54 | 27 | 69330 | 197 | 131 | 98,6 | | | | | | | * | | | |
| | 40,83 | 34 | 66520 | *200* | *133* | *100* | | | | | | | | | | |
| | 35,41 | 40 | 65960 | *200* | *133* | *100* | | | | | | | | | | |
| | 32,35 | 43 | 62020 | *200* | *133* | *100* | | | | | | | | | | |
| | 28,56 | 49 | 61870 | *200* | *133* | *100* | | | | | | | | | | |
| | 25,62 | 55 | 58190 | *200* | *133* | *100* | | | | | | | | | | |
| | 22,32 | 63 | 57620 | *200* | *133* | *100* | | | | | | | | | | |
| | 20,39 | 69 | 54160 | *200* | *133* | *100* | | | | | | | | | | |
| | 17,93 | 78 | 53780 | *200* | *133* | *100* | | | | | | | | | | |
| | 16,37 | 85 | 50880 | *200* | *133* | *100* | | | | | | | | | | |

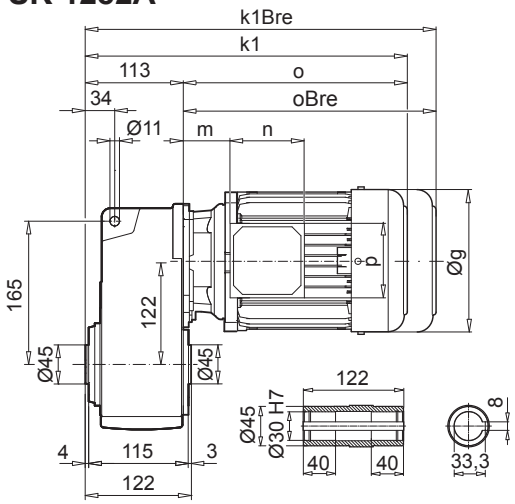
* ⇨ A63



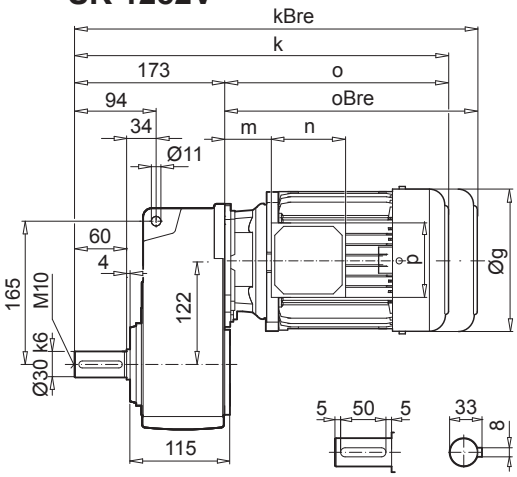
| kg | W | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC315 |
|---|---|---|---|---|---|---|---|---|
| **SK 11382.1** | 1670 | 1666 | 1666 | 1680 | 1695 | 1750 | 1750 | 1830 |

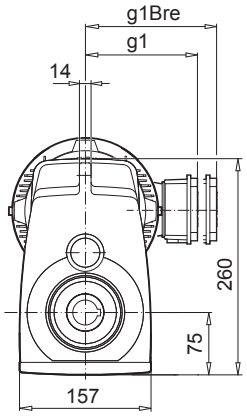
# SK 1282

## SK 1282A

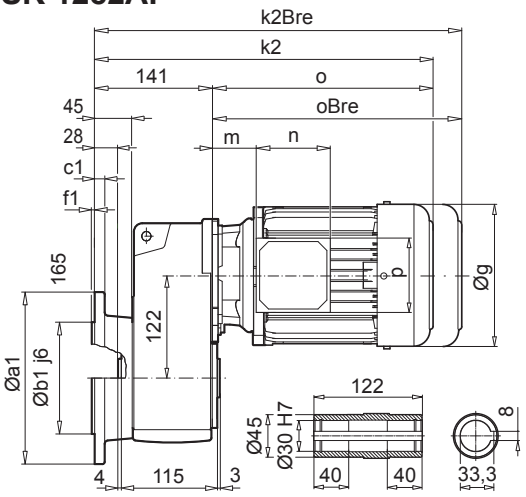



## SK 1282V

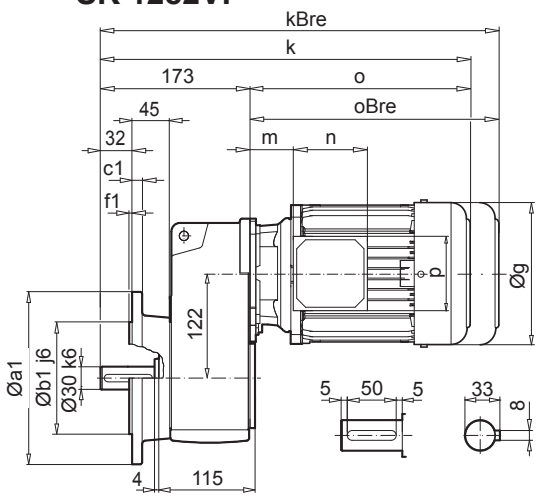


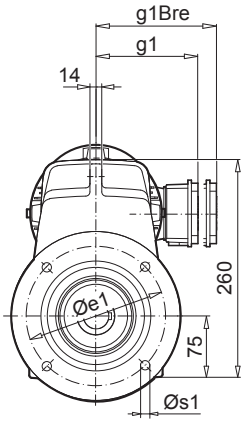




## SK 1282AF



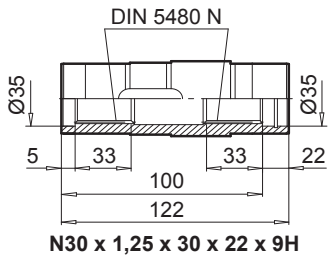

## SK 1282VF



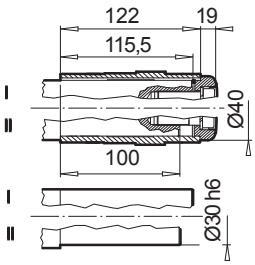

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 1282**EA**

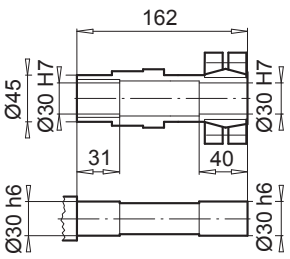


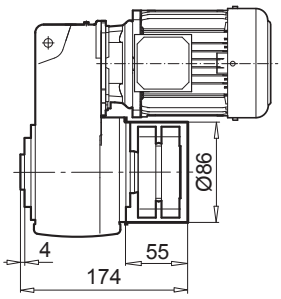

**N30 x 1,25 x 30 x 22 x 9H**

## SK 1282A**B** (AF**B**)




## SK 1282A**SH** (AF**SH**)

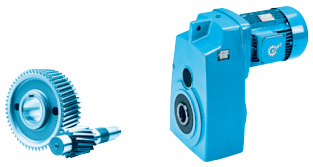


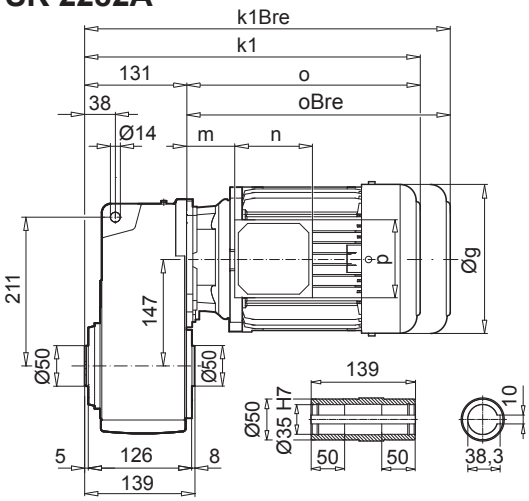

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| k / kBre | 369 / 425 | 409 / 467 | 434 / 498 | 434 / 498 | 475 / 550 | 505 / 596 | 553 / 646 |
| k1 / k1Bre | 309 / 365 | 349 / 407 | 374 / 438 | 374 / 438 | 415 / 490 | 445 / 536 | 493 / 586 |
| k2 / k2Bre | 337 / 393 | 377 / 435 | 402 / 466 | 402 / 466 | 443 / 518 | 473 / 564 | 521 / 614 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 D84

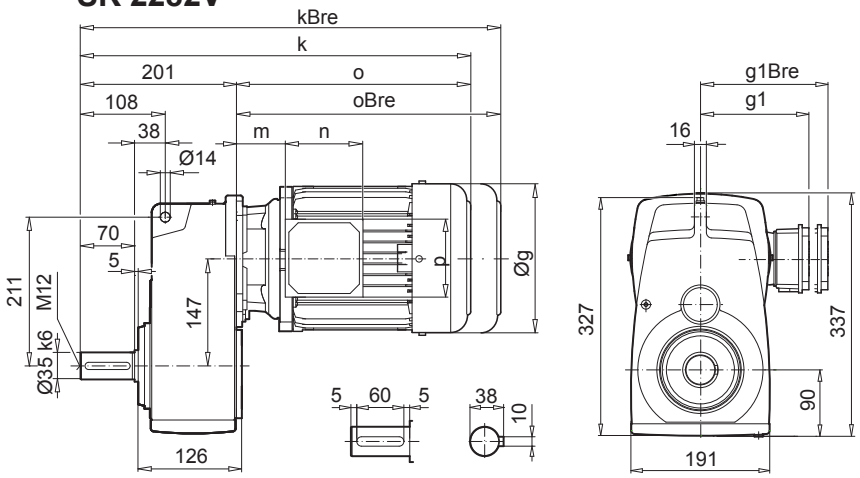
# SK 2282



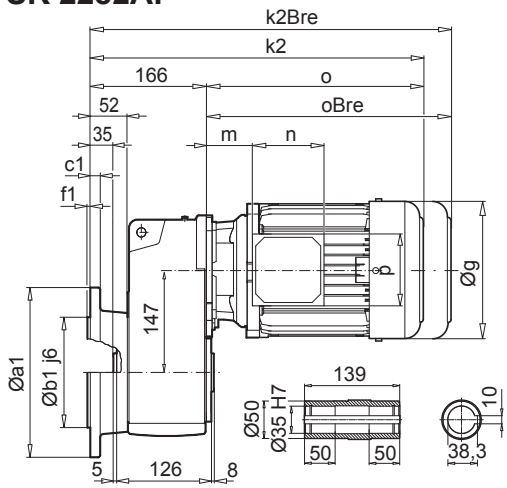
## SK 2282A



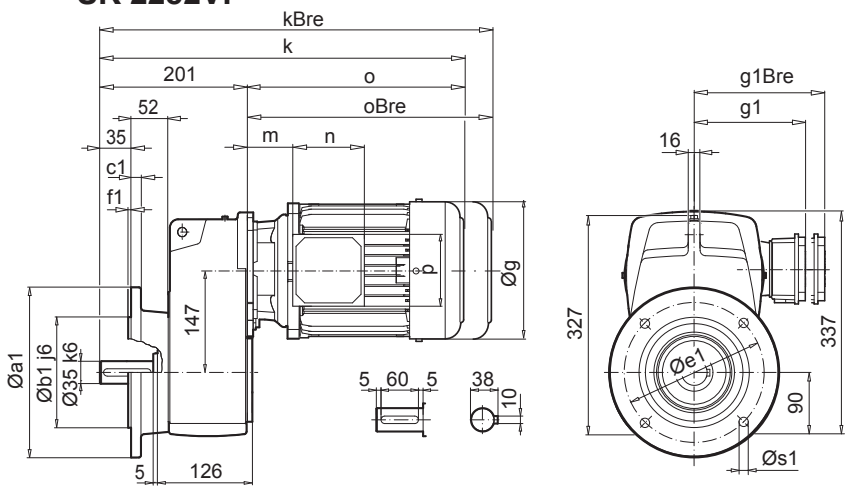

## SK 2282V




## SK 2282AF

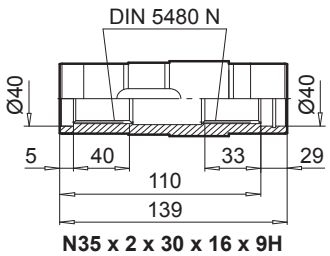



## SK 2282VF



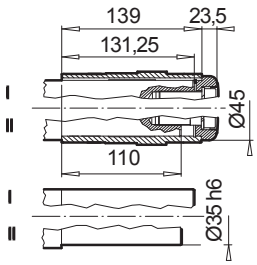

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 4 x 13,5 |

## SK 2282**EA**

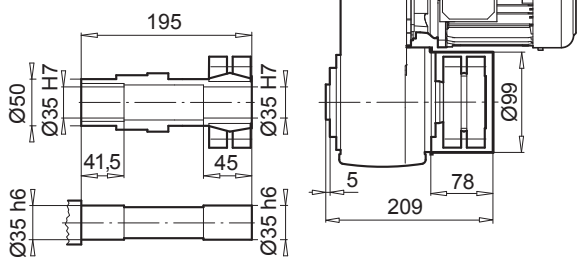



**N35 x 2 x 30 x 16 x 9H**

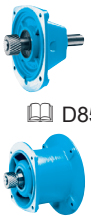
## SK 2282A**B** (AF**B**)




## SK 2282A**SH** (AF**SH**)

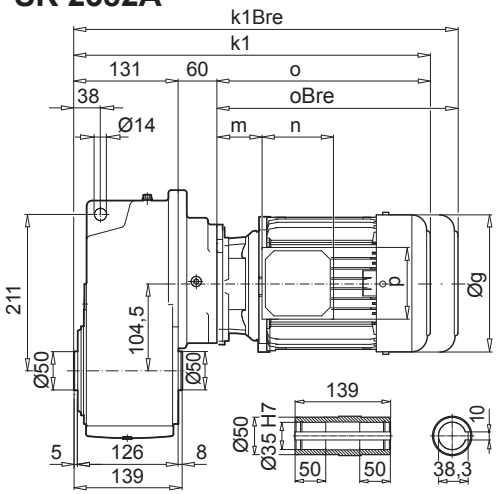



| ⇨ 🕮 A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| k / kBre | 431 / 489 | 456 / 520 | 456 / 520 | 497 / 572 | 527 / 618 | 575 / 668 | 636 / 743 |
| k1 / k1Bre | 361 / 419 | 386 / 450 | 386 / 450 | 427 / 502 | 457 / 548 | 505 / 598 | 566 / 673 |
| k2 / k2Bre | 396 / 454 | 421 / 485 | 421 / 485 | 462 / 537 | 492 / 583 | 540 / 633 | 601 / 708 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| m / mBre | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

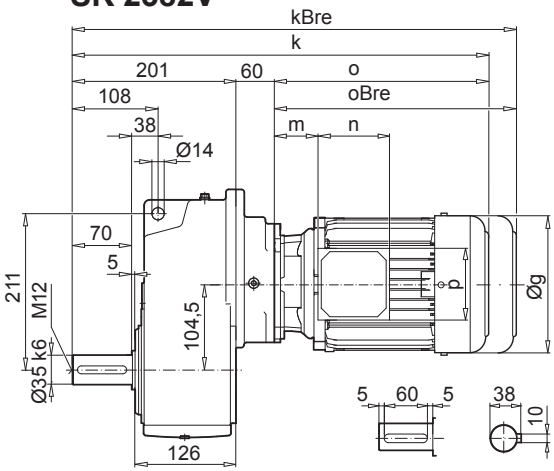


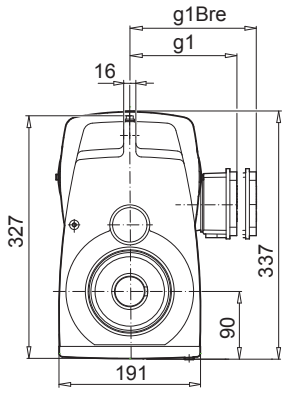
🕮 D85

## SK 2382A

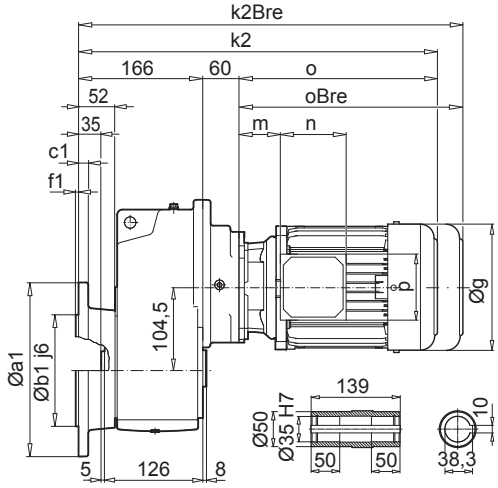



## SK 2382V

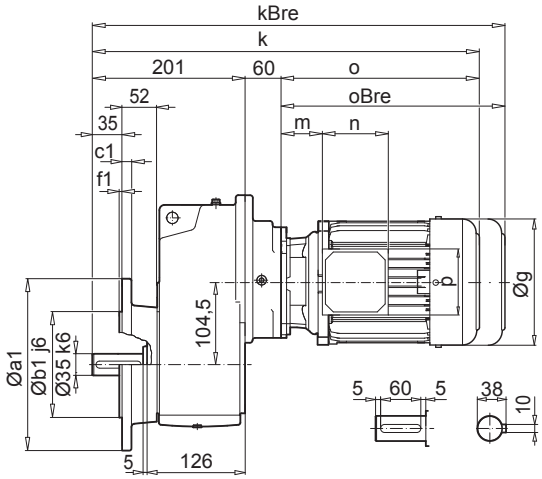


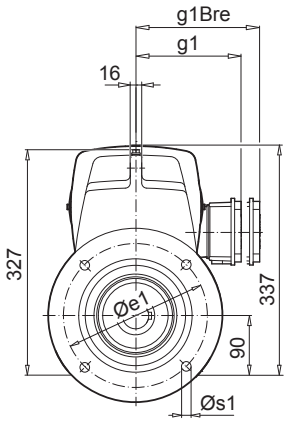




## SK 2382AF



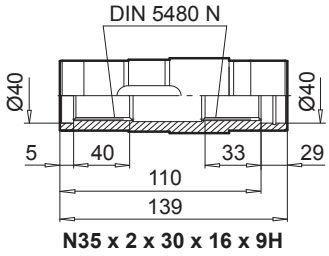

## SK 2382VF



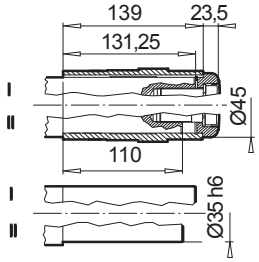

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 4 x 13,5 |

## SK 2382**EA**



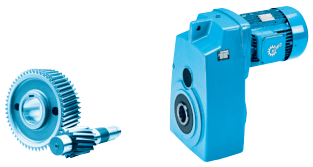

**N35 x 2 x 30 x 16 x 9H**

## SK 2382A**B** (AF**B**)

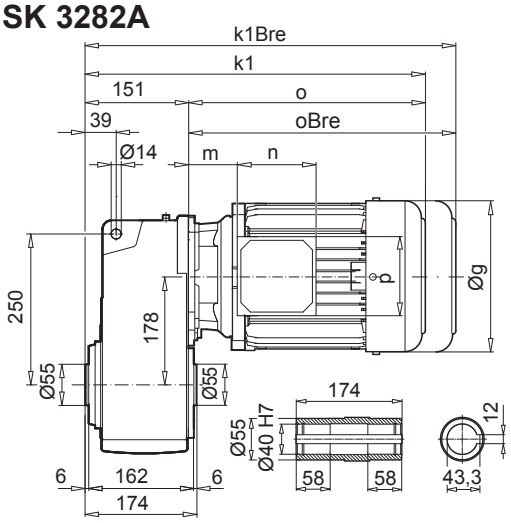



| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LHP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 457 / 513 | 497 / 555 | 522 / 586 | 522 / 586 | 563 / 638 | | |
| k1 / k1Bre | 387 / 443 | 427 / 485 | 452 / 516 | 452 / 516 | 493 / 568 | | |
| k2 / k2Bre | 423 / 479 | 462 / 520 | 487 / 551 | 487 / 551 | 528 / 603 | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 296 / 371 | | |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |

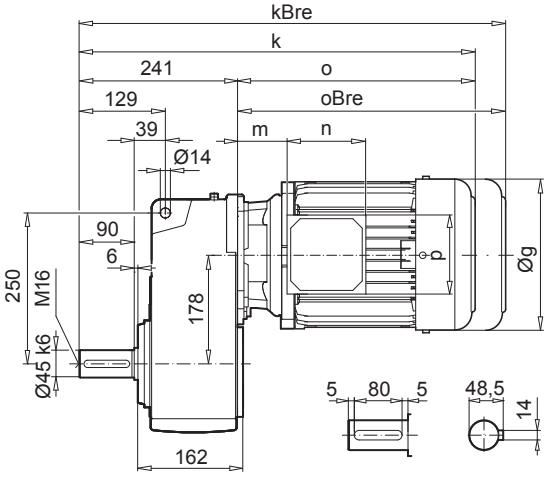
🕮 D84

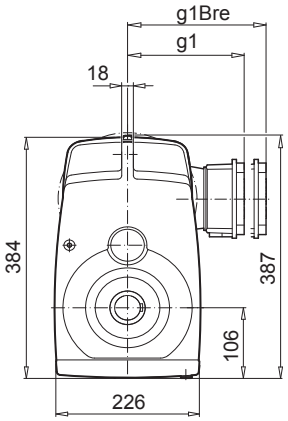


## SK 3282A

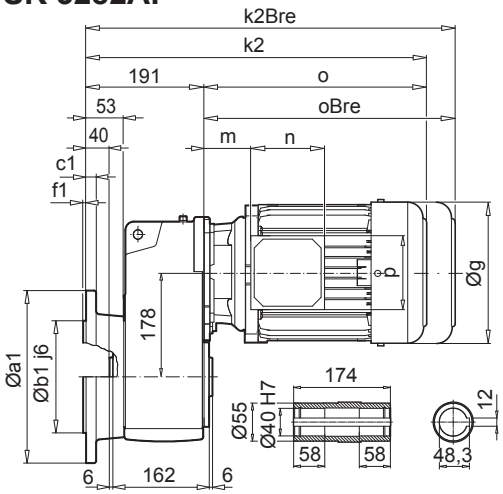



## SK 3282V

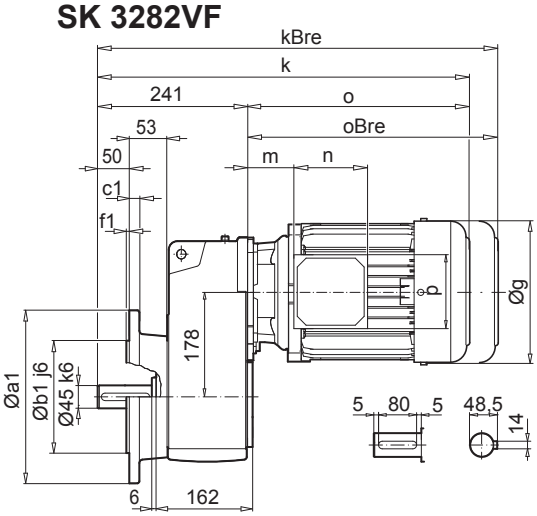


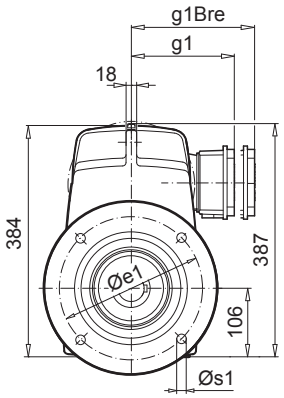




## SK 3282AF



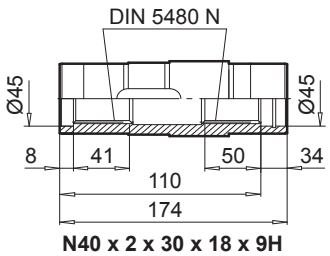

## SK 3282VF



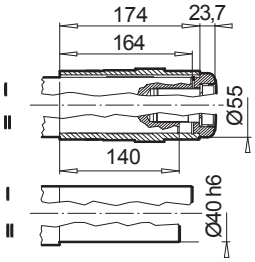

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 4 x 13,5 |
| 300 | 230 | 20 | 265 | 4 | 4 x 13,5 |

## SK 3282**EA**

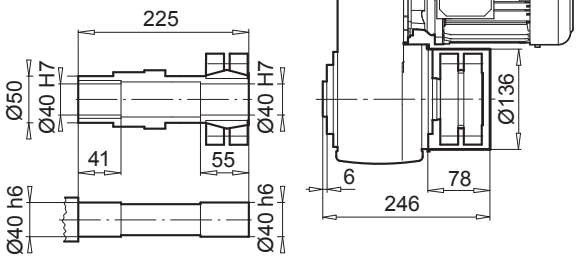



**N40 x 2 x 30 x 18 x 9H**

## SK 3282A**B** (AF**B**)




## SK 3282A**SH** (AF**SH**)

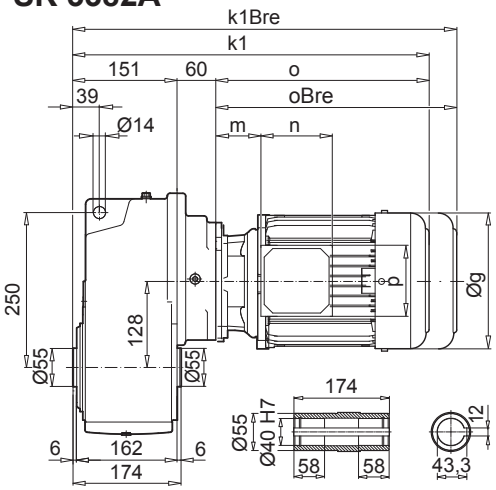



| ⇨ 🕮 A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| k / kBre | 471 / 529 | 496 / 560 | 496 / 560 | 537 / 612 | 567 / 658 | 615 / 708 | 676 / 783 |
| k1 / k1Bre | 381 / 439 | 406 / 470 | 406 / 470 | 447 / 522 | 477 / 568 | 525 / 618 | 586 / 693 |
| k2 / k2Bre | 421 / 479 | 446 / 510 | 446 / 510 | 487 / 562 | 517 / 608 | 565 / 658 | 626 / 733 |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| m / mBre | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

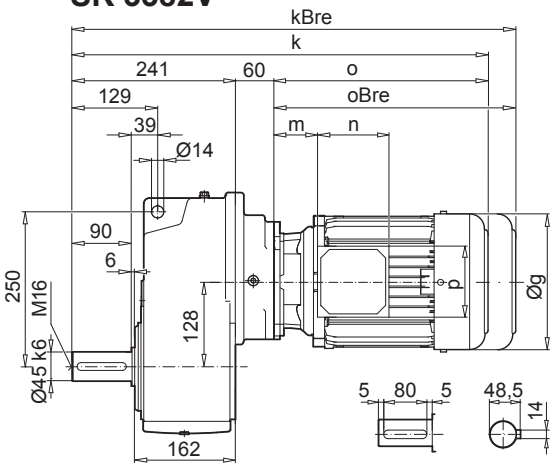
🕮 D84

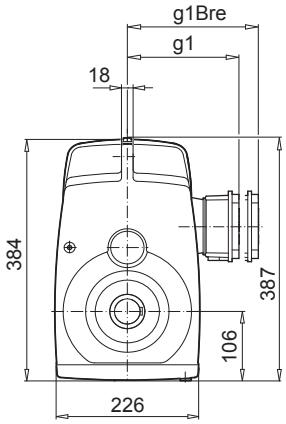
# SK 3382

## SK 3382A

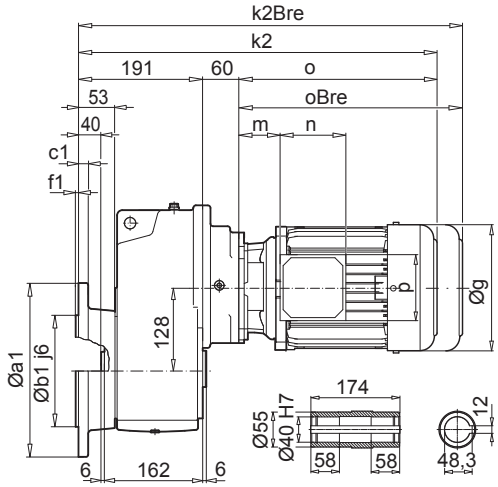



## SK 3382V

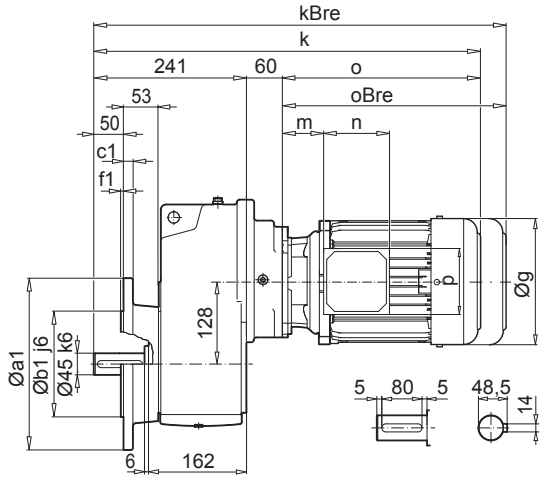


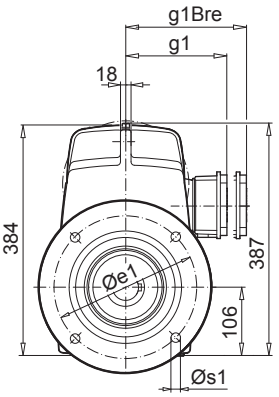




## SK 3382AF



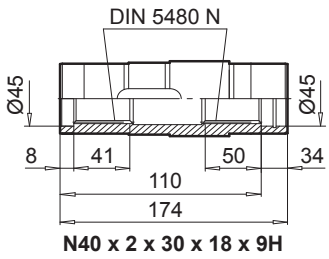

## SK 3382VF



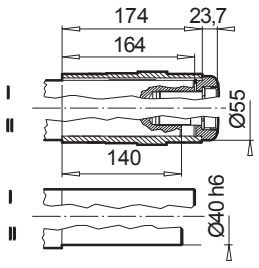




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 4 x 13,5 |
| 300 | 230 | 20 | 265 | 4 | 4 x 13,5 |

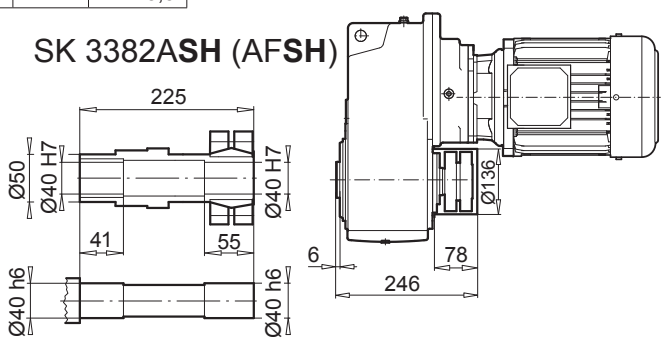
## SK 3382**EA**




## SK 3382A**B** (AF**B**)



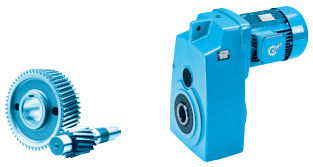

## SK 3382A**SH** (AF**SH**)



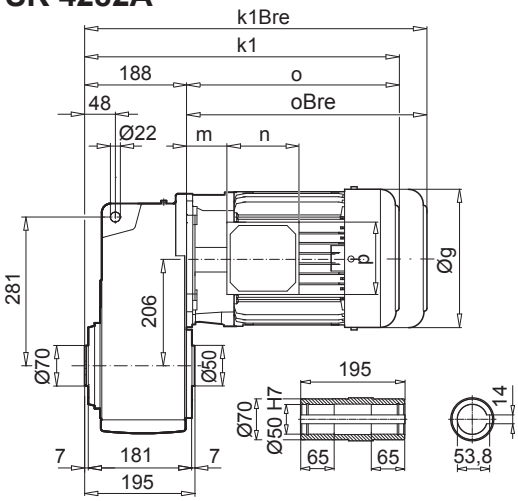

| ⇨ 📖 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | | |
| k / kBre | 497 / 553 | 537 / 565 | 562 / 626 | 562 / 626 | 603 / 678 | | | |
| k1 / k1Bre | 407 / 463 | 447 / 475 | 472 / 536 | 472 / 536 | 513 / 588 | | | |
| k2 / k2Bre | 443 / 503 | 487 / 515 | 512 / 576 | 512 / 576 | 553 / 628 | | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | | |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

📖 D84

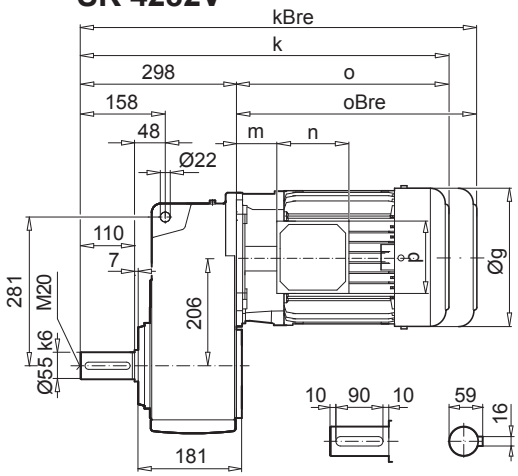
# SK 4282

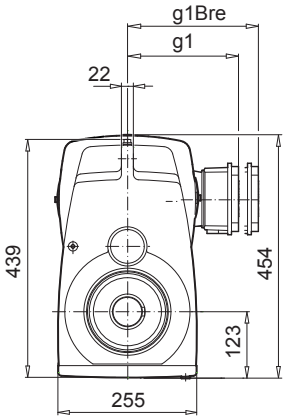


## SK 4282A

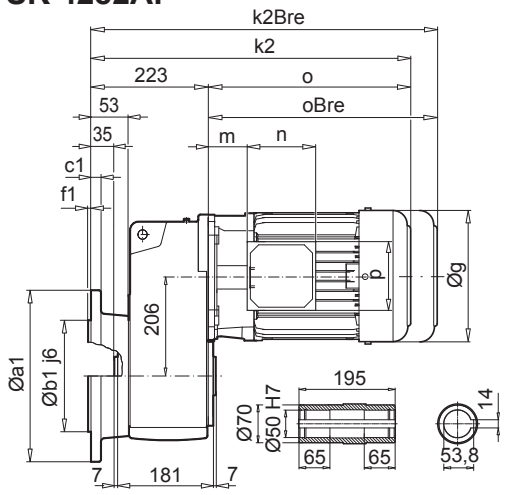



## SK 4282V

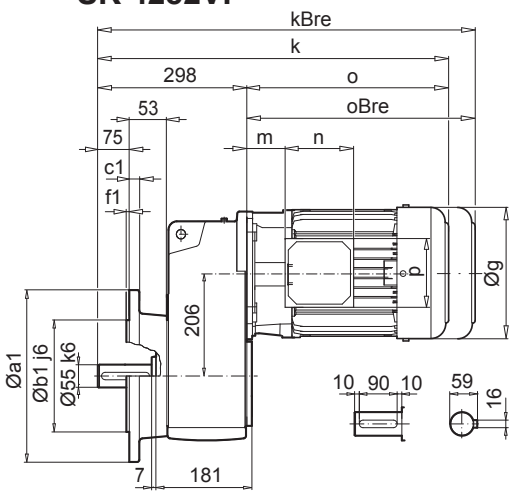


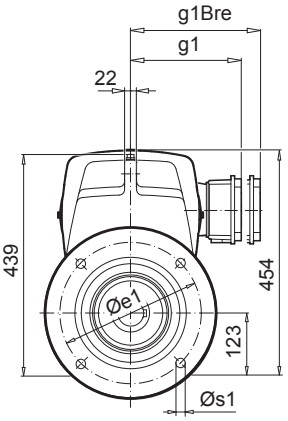




## SK 4282AF



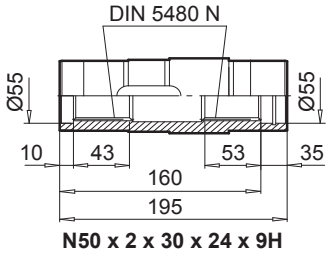

## SK 4282VF



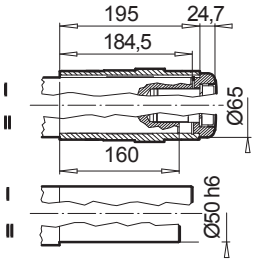

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 14,5 | 215 | 4 | 4 x 14 |
| 300 | 230 | 20 | 265 | 4 | 4 x 14 |

## SK 4282**EA**

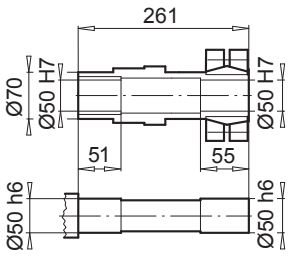


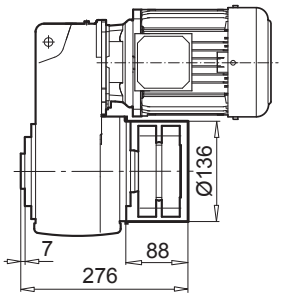

**N50 x 2 x 30 x 24 x 9H**

## SK 4282A**B** (AF**B**)



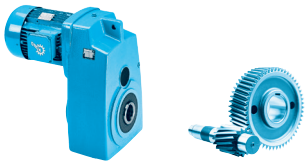

## SK 4282A**SH** (AF**SH**)



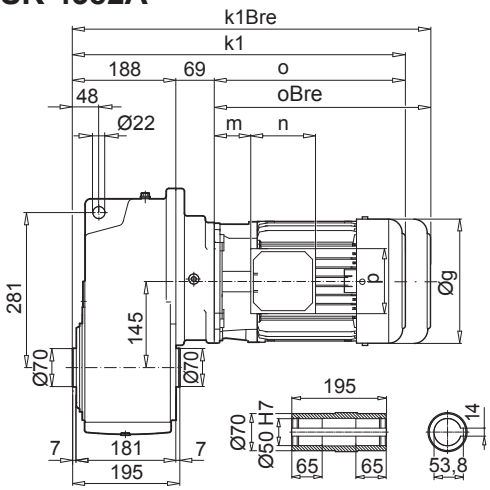




| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | |
|---|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 357 | |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | |
| k / kBre | 574 / 649 | 604 / 695 | 652 / 745 | 713 / 820 | 790 / 925 | 834 / 969 | 932 / 1060 | |
| k1 / k1Bre | 464 / 539 | 494 / 585 | 542 / 635 | 603 / 710 | 680 / 815 | 724 / 859 | 822 / 950 | |
| k2 / k2Bre | 499 / 574 | 529 / 620 | 577 / 670 | 638 / 745 | 715 / 850 | 759 / 894 | 857 / 985 | |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 | |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | |

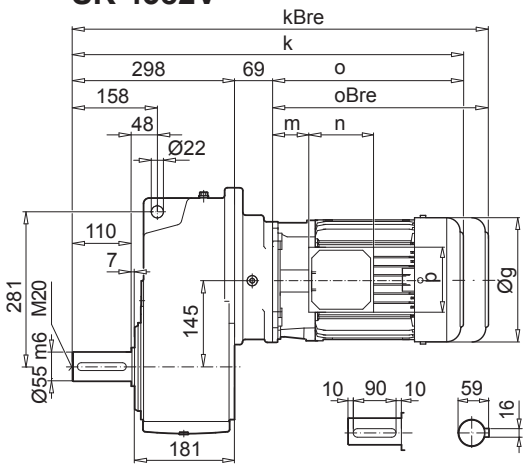
🕮 D86

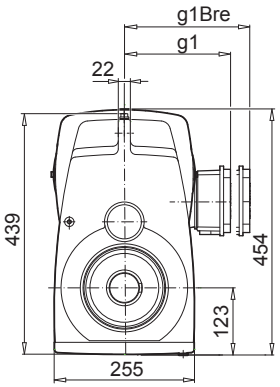


## SK 4382A

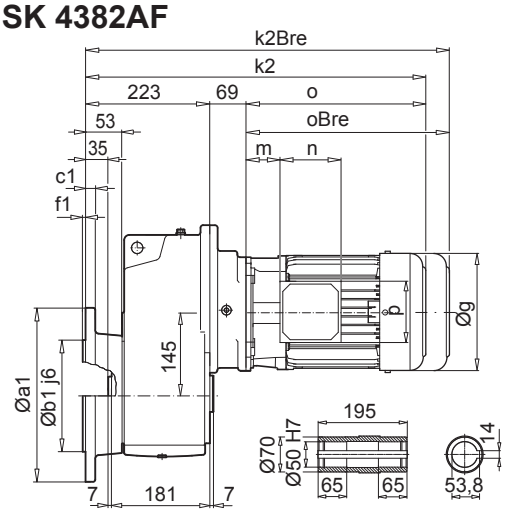



## SK 4382V

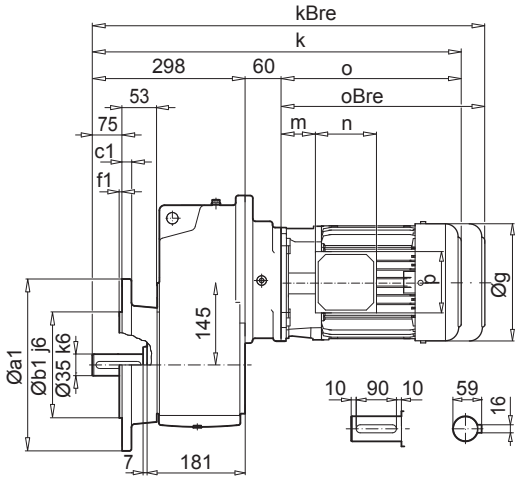


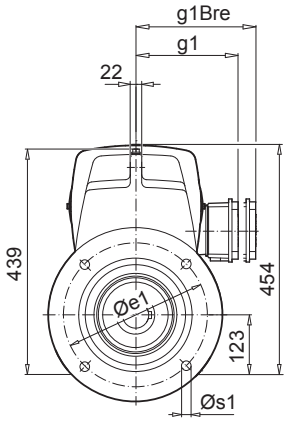




## SK 4382AF



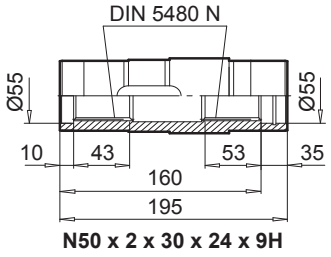

## SK 4382VF



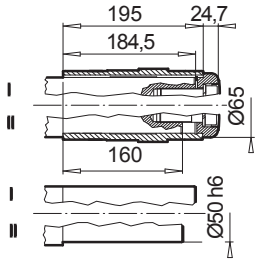

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 14,5 | 215 | 4 | 4 x 14 |
| 300 | 230 | 20 | 265 | 4 | 4 x 14 |

## SK 4382**EA**




**N50 x 2 x 30 x 24 x 9H**

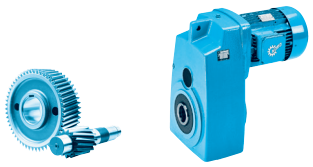
## SK 4382A**B** (AF**B**)



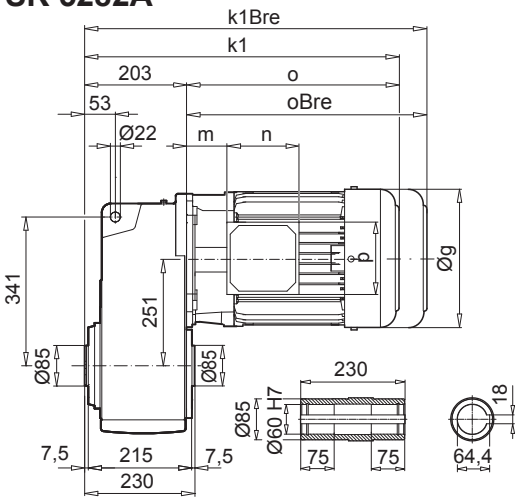

| ⇨ 🕮 A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | | | |
|---|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | | | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | | | |
| **k / kBre** | 597 / 655 | 622 / 686 | 622 / 686 | 663 / 738 | 693 / 784 | | | |
| **k1 / k1Bre** | 487 / 545 | 512 / 576 | 512 / 576 | 553 / 628 | 583 / 674 | | | |
| **k2 / k2Bre** | 522 / 580 | 547 / 611 | 547 / 611 | 588 / 663 | 618 / 709 | | | |
| **o / oBre** | 236 / 294 | 261 / 325 | 261 / 325 | 296 / 371 | 326 / 417 | | | |
| **m / mBre** | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 50 | 52 / 56 | | | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

🕮 D85

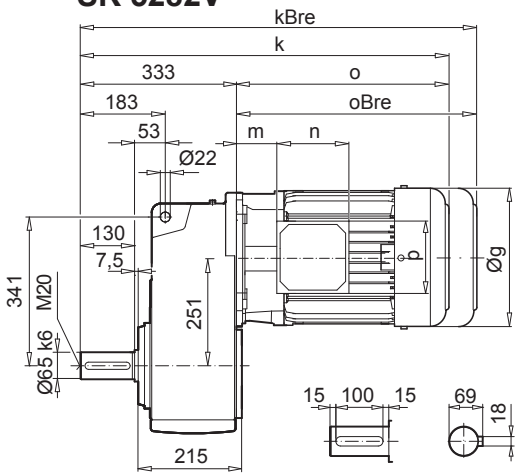
# SK 5282

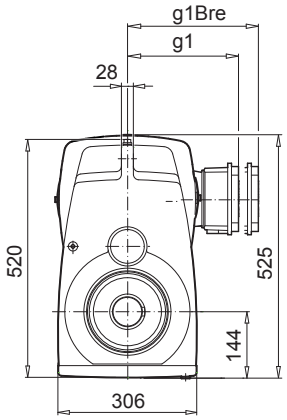


## SK 5282A

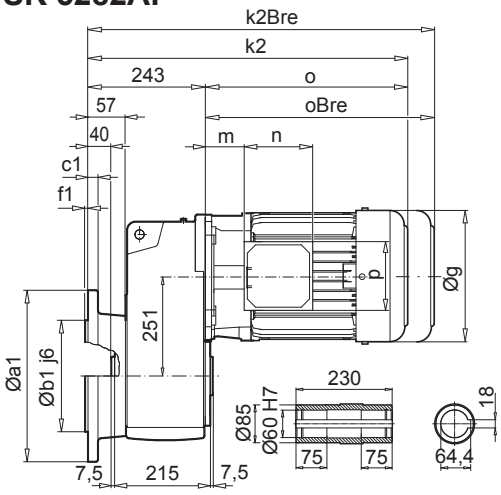



## SK 5282V

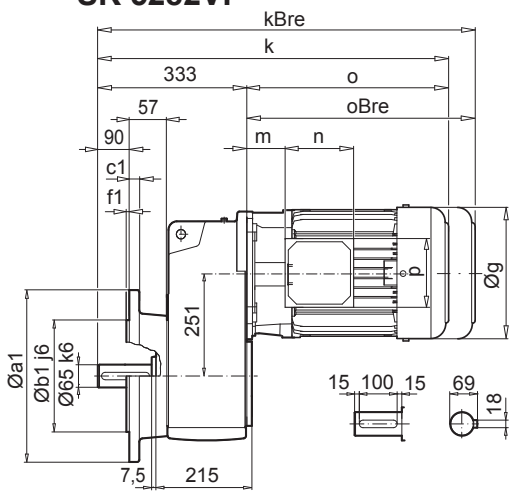


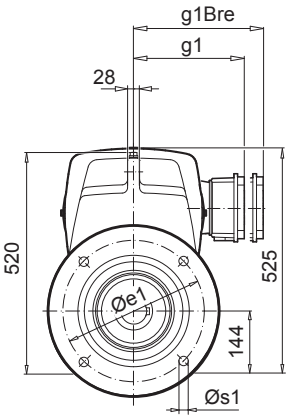




## SK 5282AF



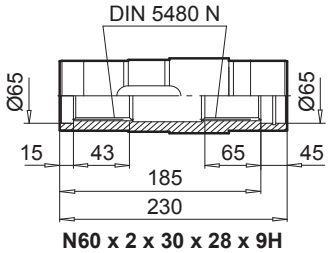

## SK 5282VF



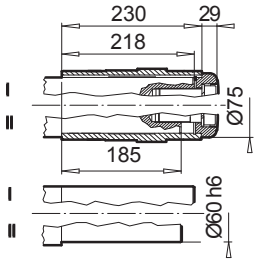

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

## SK 5282**EA**

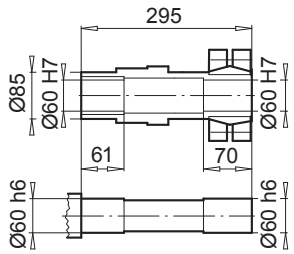


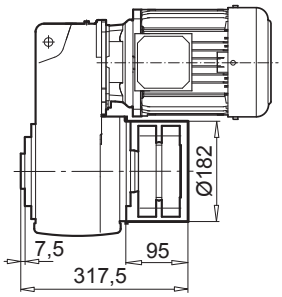

**N60 x 2 x 30 x 28 x 9H**

## SK 5282A**B** (AF**B**)




## SK 5282A**SH** (AF**SH**)



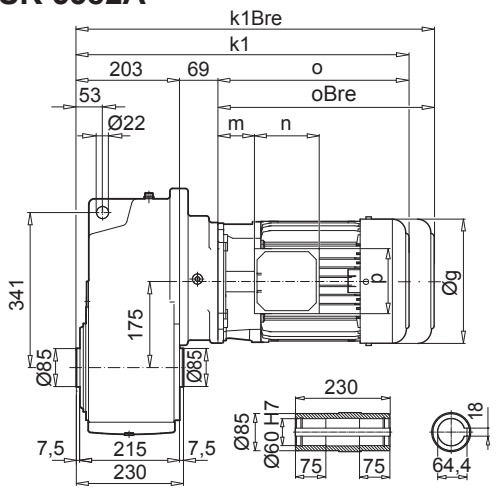




| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | |
|---|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 357 | |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | |
| k / kBre | 609 / 684 | 639 / 730 | 687 / 780 | 748 / 855 | 825 / 960 | 869 / 1004 | 967 / 1095 | |
| k1 / k1Bre | 479 / 554 | 509 / 600 | 557 / 650 | 618 / 725 | 695 / 830 | 739 / 874 | 837 / 965 | |
| k2 / k2Bre | 519 / 594 | 549 / 640 | 597 / 690 | 658 / 765 | 735 / 870 | 779 / 914 | 877 / 1005 | |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 | |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | |

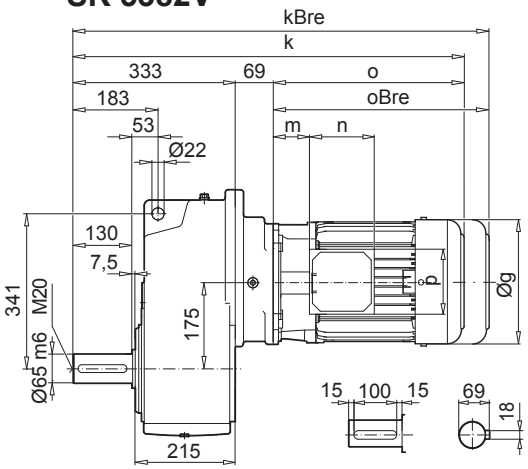
🕮 D86

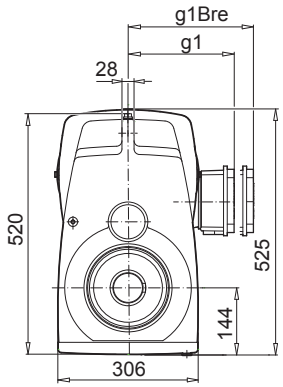
# SK 5382

## SK 5382A

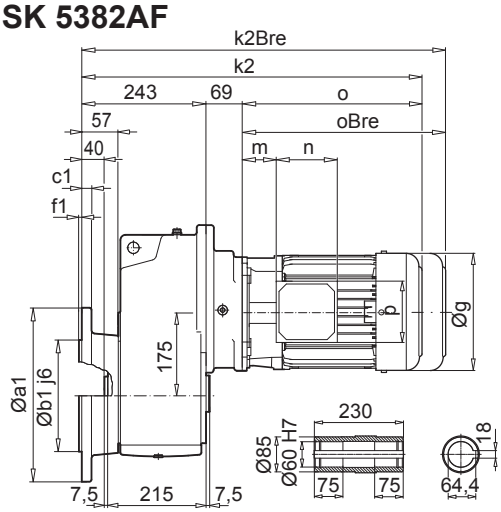



## SK 5382V

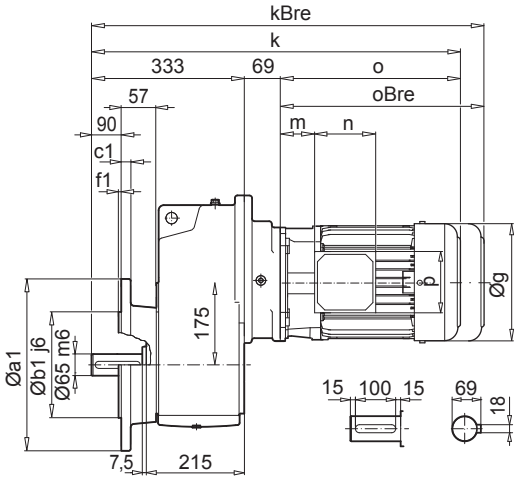


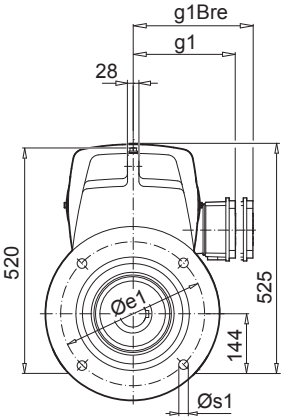




## SK 5382AF



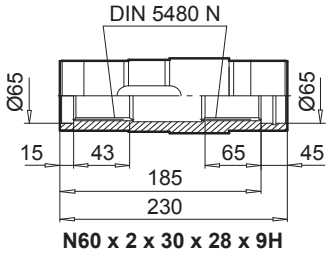

## SK 5382VF



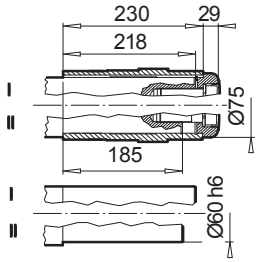

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

## SK 5382**EA**




**N60 x 2 x 30 x 28 x 9H**

## SK 5382A**B** (AF**B**)

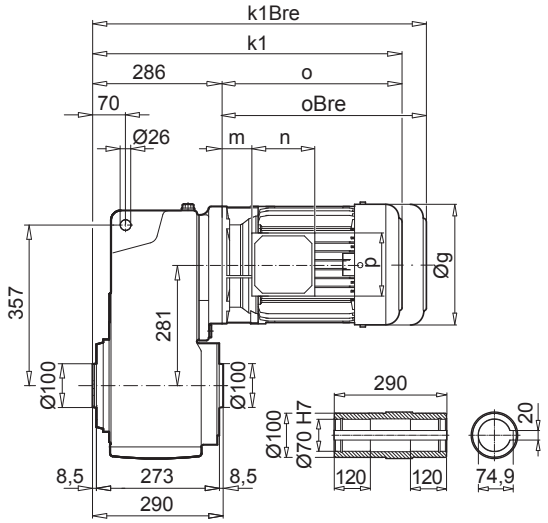



| ⇨ 🕮 A61 | 71 L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| **k / kBre** | 632 / 690 | 657 / 721 | 657 / 721 | 698 / 773 | 728 / 819 | 776 / 869 | 837 / 944 |
| **k1 / k1Bre** | 502 / 560 | 527 / 591 | 527 / 591 | 568 / 643 | 598 / 689 | 646 / 739 | 707 / 814 |
| **k2 / k2Bre** | 542 / 600 | 567 / 631 | 567 / 631 | 608 / 683 | 638 / 729 | 686 / 779 | 747 / 844 |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| **m / mBre** | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

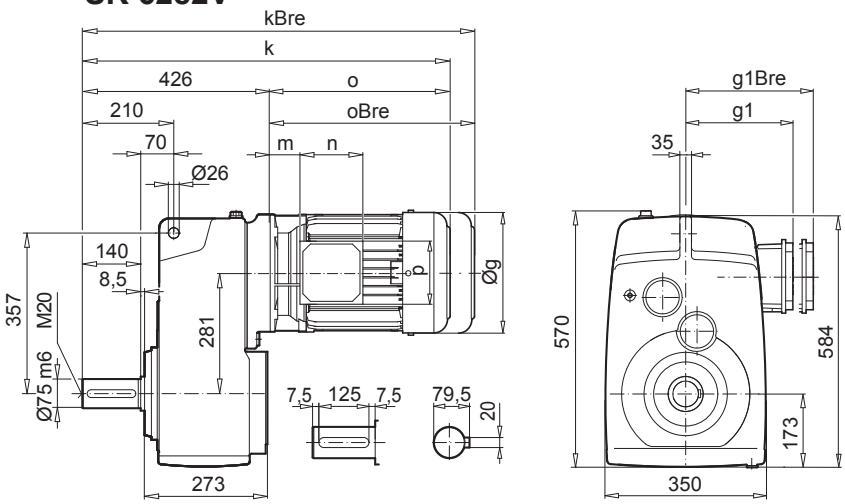
🕮 D85

# SK 6282

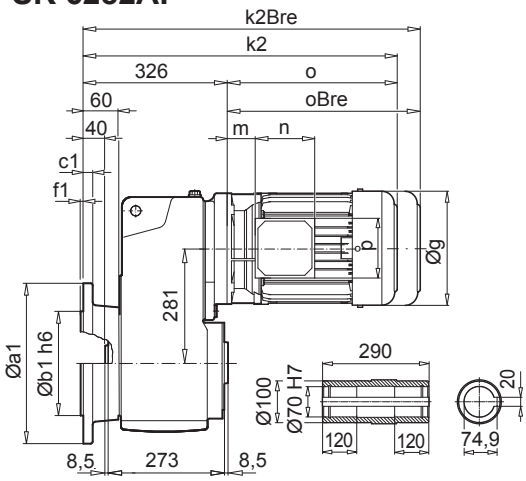
## SK 6282A



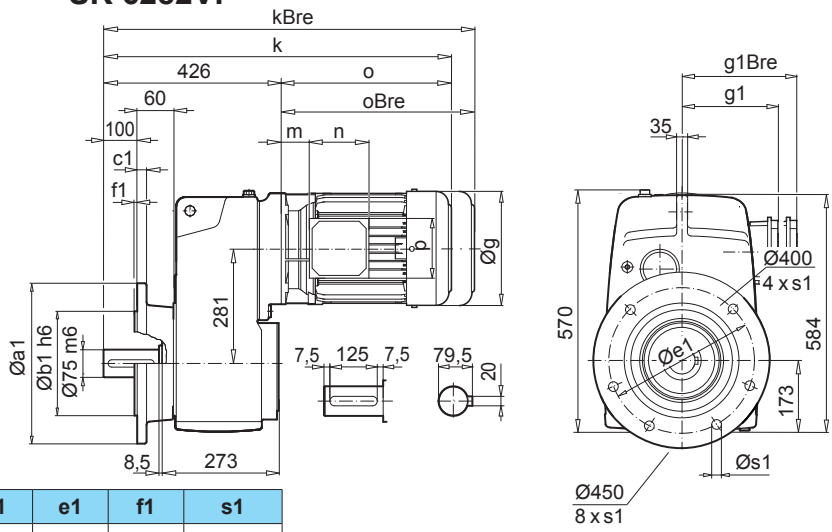

## SK 6282V




## SK 6282AF

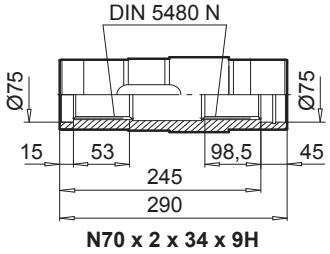



## SK 6282VF

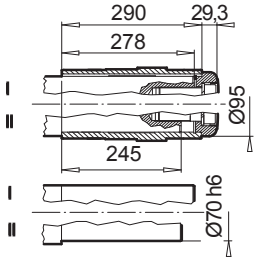



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 400 | 300 | 20 | 350 | 5 | 4 x 17,5 |
| 450 | 350 | 16 | 400 | 5 | 8 x 17,5 |

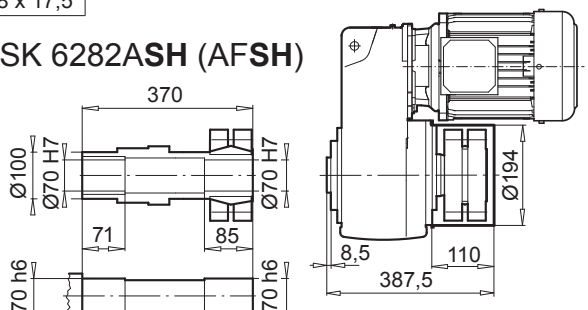
## SK 6282**EA**




## SK 6282A**B** (AF**B**)




## SK 6282A**SH** (AF**SH**)

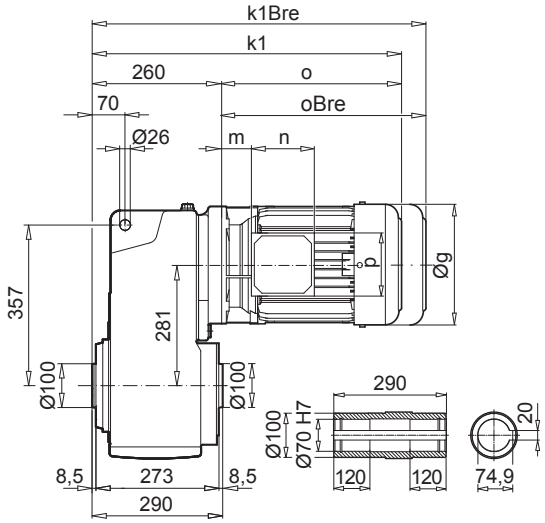



| ⇨ 🕮 A61 | 100 AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP |
|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 357 | 443 | 443 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 |
| k / kBre | 732 / 823 | 777 / 870 | 861 / 968 | 918 / 1053 | 962 / 1097 | 1040 / 1168 | 1168 / 1348 | 1168 / 1348 |
| k1 / k1Bre | 592 / 683 | 637 / 730 | 721 / 828 | 778 / 913 | 822 / 957 | 900 / 1028 | 1028 / 1208 | 1028 / 1208 |
| k2 / k2Bre | 632 / 723 | 677 / 770 | 761 / 868 | 818 / 953 | 862 / 997 | 940 / 1068 | 1068 / 1248 | 1068 / 1248 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

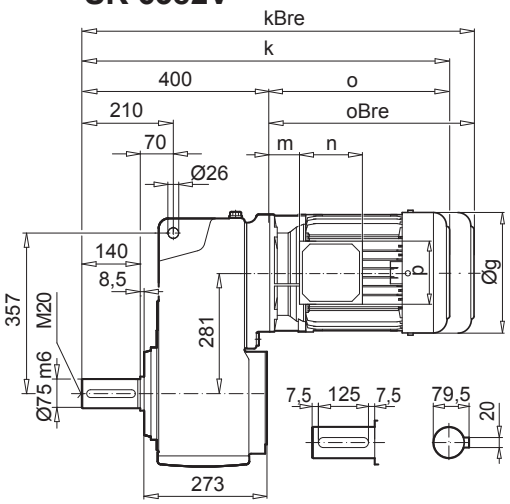
🕮 D87

# SK 6382

## SK 6382A

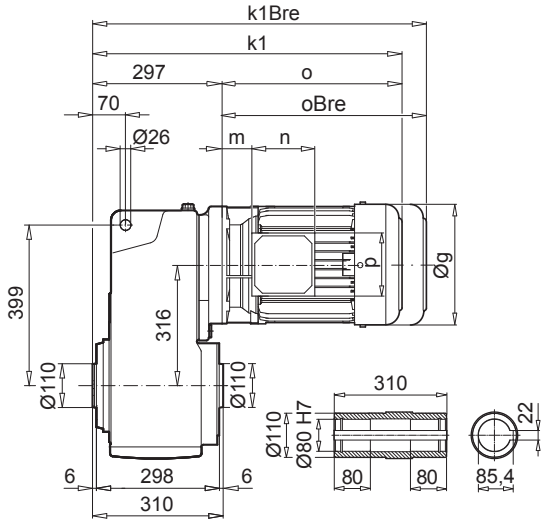



## SK 6382V

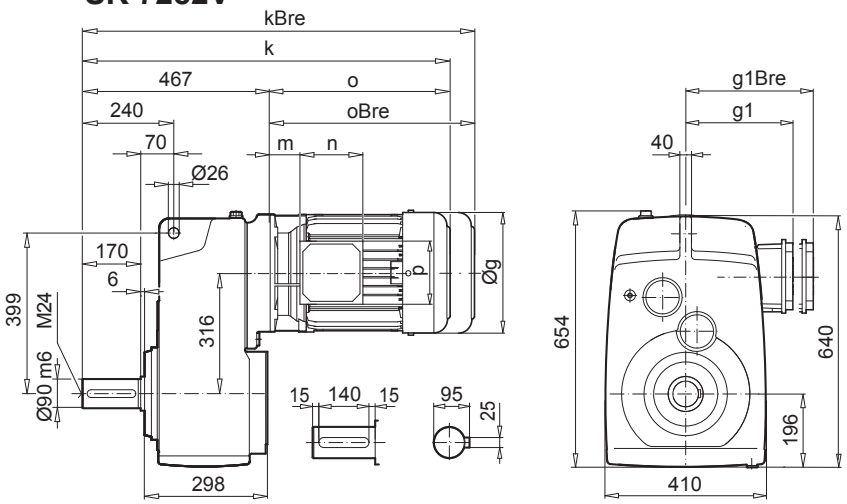

kBre
k
400
o
210
oBre
70
Ø26
m
n
140
8,5
357
M20
Ø75 m6
281
Ø100
Ø70 H7
Ø100
Ø70 H7
Ø100
Ø70 H7

# SK 7282

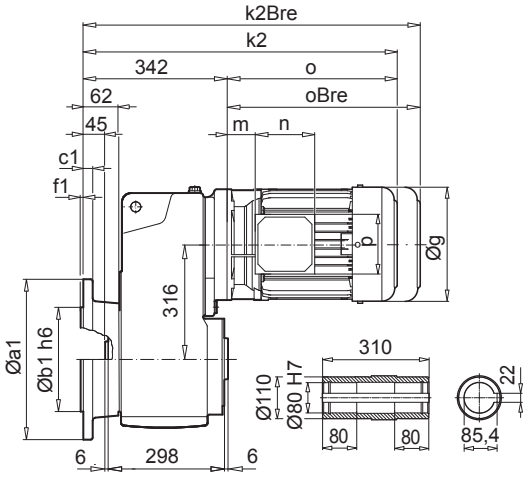
## SK 7282A



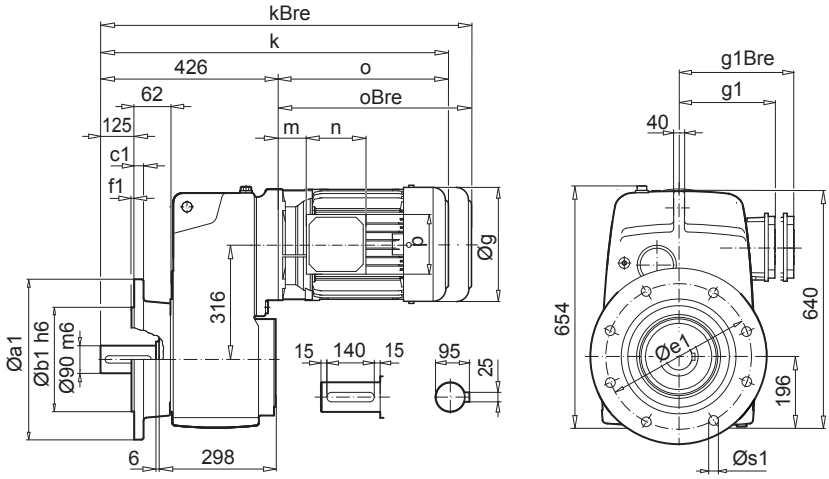

## SK 7282V




## SK 7282AF

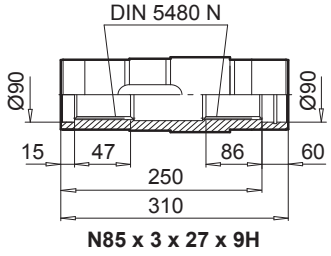



## SK 7282VF

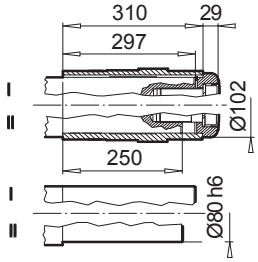



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 22 | 400 | 5 | 8 x 18 |
| 550 | 450 | 28 | 500 | 5 | 8 x 18 |

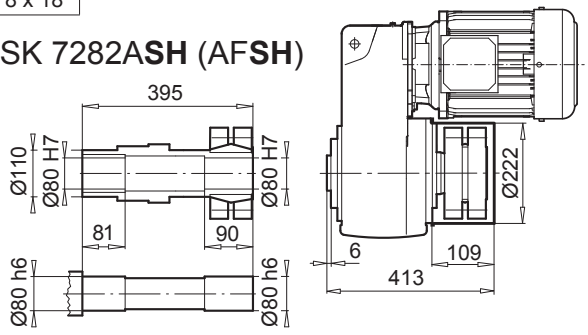
## SK 7282**EA**




## SK 7282A**B** (AF**B**)




## SK 7282A**SH** (AF**SH**)




| ⇨ 📖 A61 | 132 MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | | |
|---|---|---|---|---|---|---|---|---|
| **g** | 266 | 320 | 320 | 357 | 443 | 443 | | |
| **g1 / g1Bre** | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | | |
| **k / kBre** | 902 / 1009 | 959 / 1094 | 1003 / 1138 | 1081 / 1209 | 1209 / 1389 | 1209 / 1389 | | |
| **k1 / k1Bre** | 732 / 839 | 789 / 924 | 833 / 968 | 911 / 1039 | 1039 / 1219 | 1039 / 1219 | | |
| **k2 / k2Bre** | 777 / 884 | 834 / 969 | 878 / 1013 | 956 / 1083 | 1084 / 1264 | 1084 / 1264 | | |
| **o / oBre** | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | | |
| **m / mBre** | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | | |
| **n / nBre** | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | | |
| **p / pBre** | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | | |

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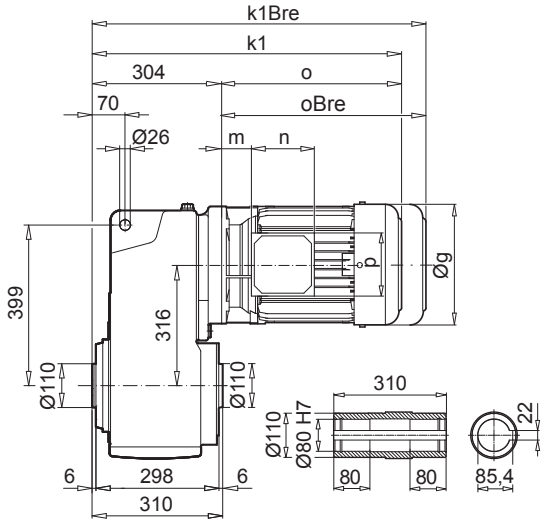
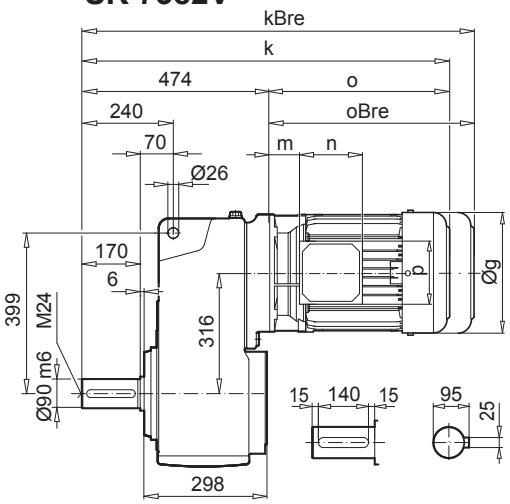
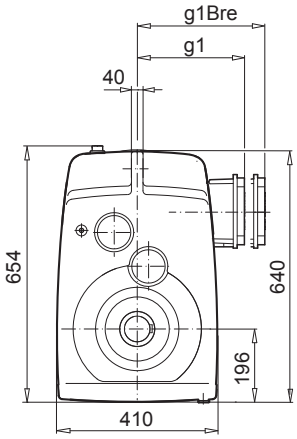
# SK 7382

## SK 7382A

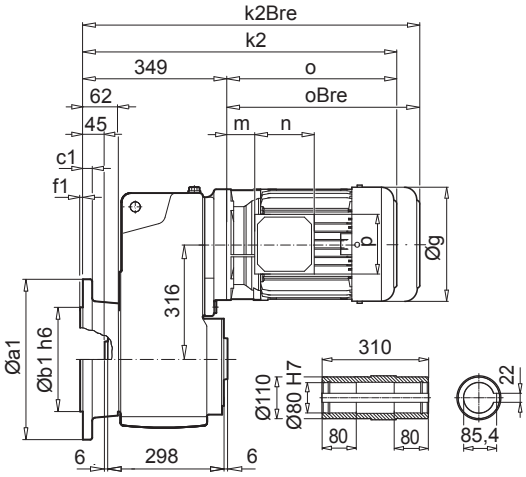



## SK 7382V

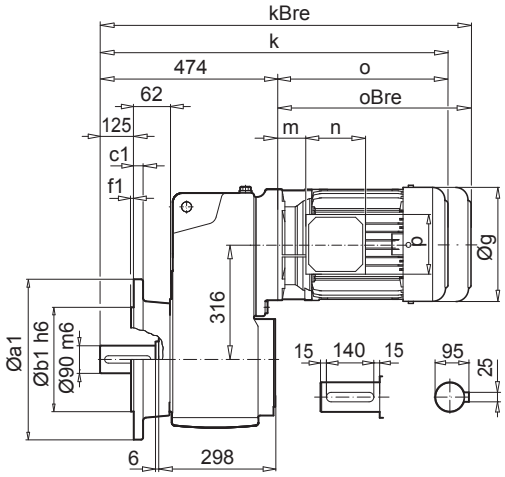


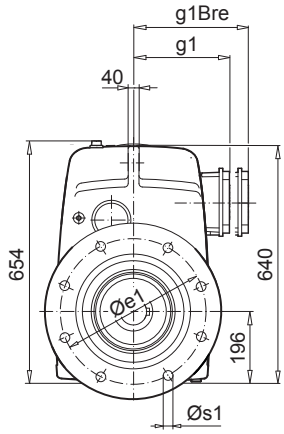




## SK 7382AF



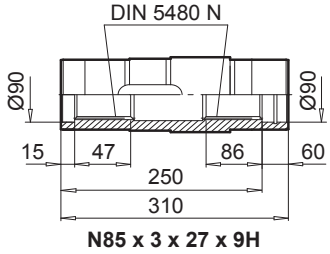

## SK 7382VF



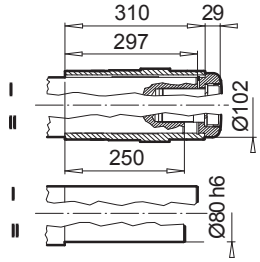




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 22 | 400 | 5 | 8 x 18 |
| 550 | 450 | 28 | 500 | 5 | 8 x 18 |

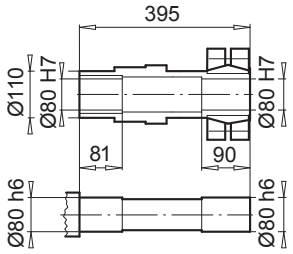
## SK 7382**EA**

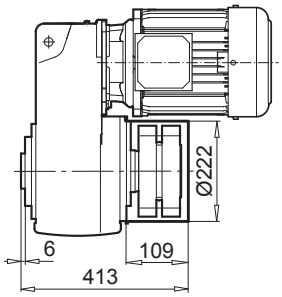



## SK 7382A**B** (AF**B**)




## SK 7382A**SH** (AF**SH**)




| ⇨ 🕮 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP |
|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 357 | 443 | 443 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 |
| k / kBre | 780 / 871 | 825 / 918 | 909 / 1016 | 966 / 1101 | 1010 / 1145 | 1088 / 1216 | 1216 / 1396 | 1216 / 1396 |
| k1 / k1Bre | 610 / 701 | 655 / 748 | 739 / 846 | 796 / 931 | 840 / 975 | 918 / 1046 | 1046 / 1226 | 1046 / 1226 |
| k2 / k2Bre | 655 / 746 | 700 / 793 | 784 / 891 | 841 / 976 | 885 / 1020 | 963 / 1090 | 1091 / 1271 | 1091 / 1271 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

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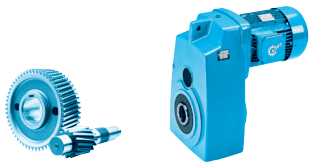
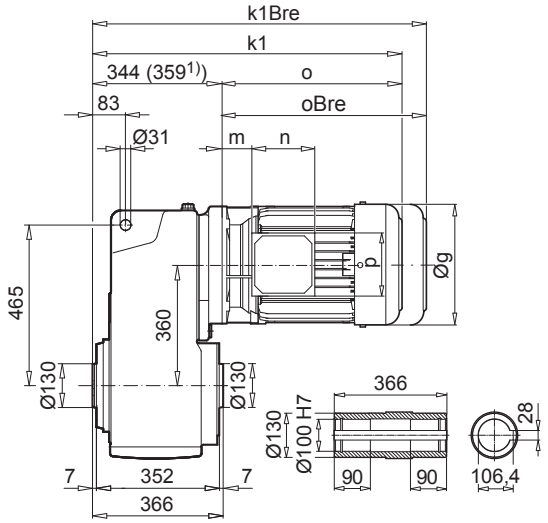
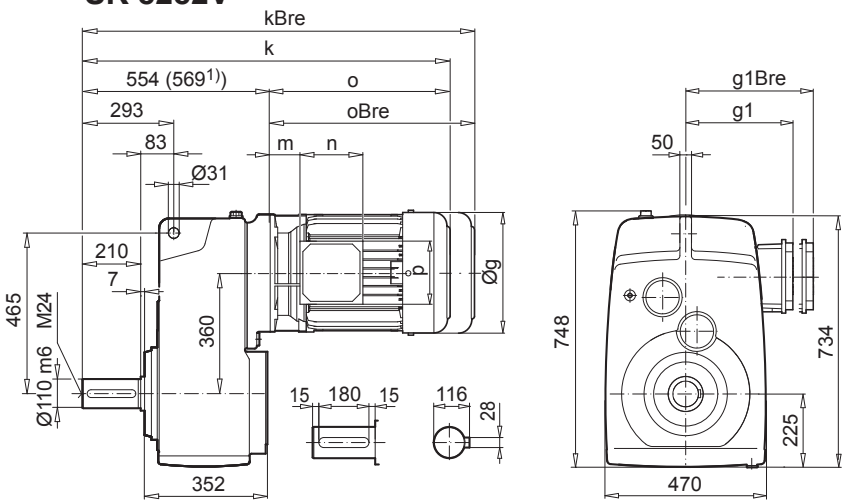
# SK 8282



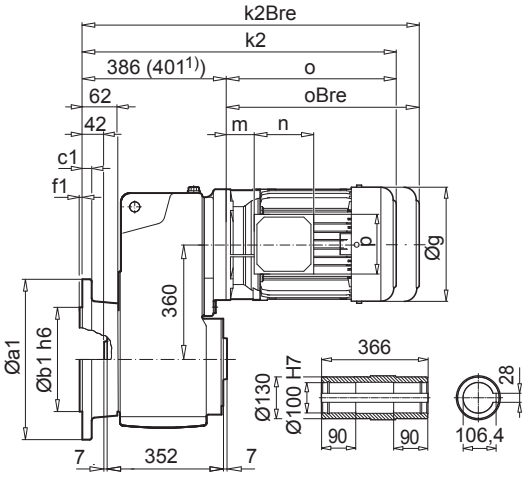
## SK 8282A



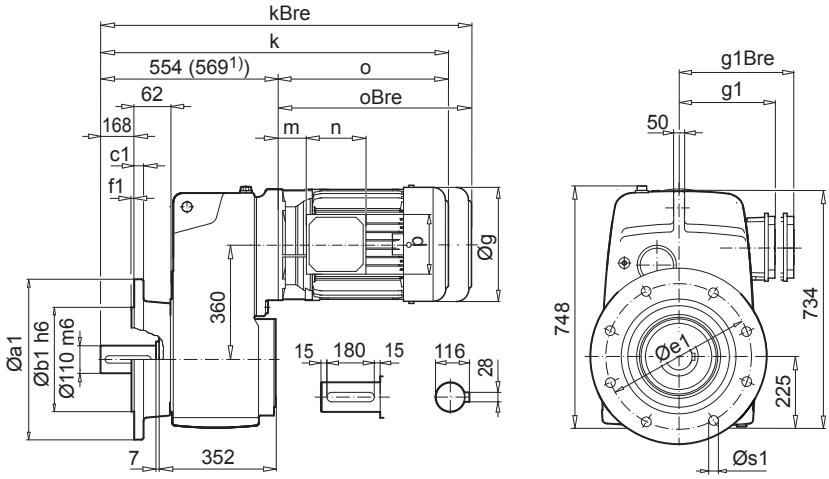

## SK 8282V




## SK 8282AF

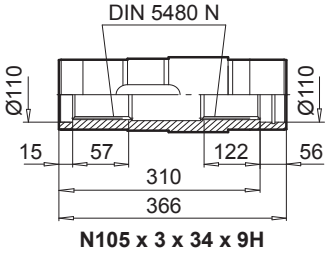



## SK 8282VF

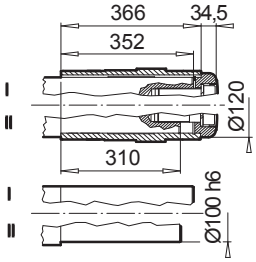



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 550 | 450 | 28 | 500 | 5 | 8 x 18 |

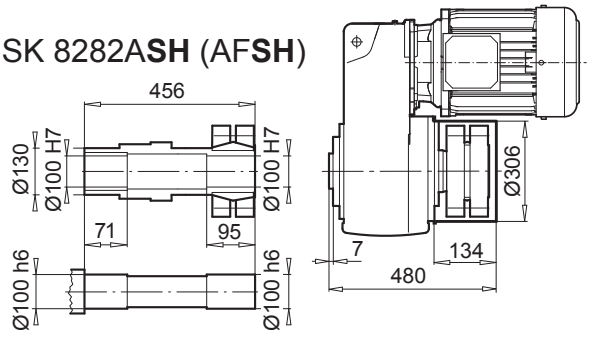
## SK 8282**EA**




## SK 8282A**B** (AF**B**)




## SK 8282A**SH** (AF**SH**)

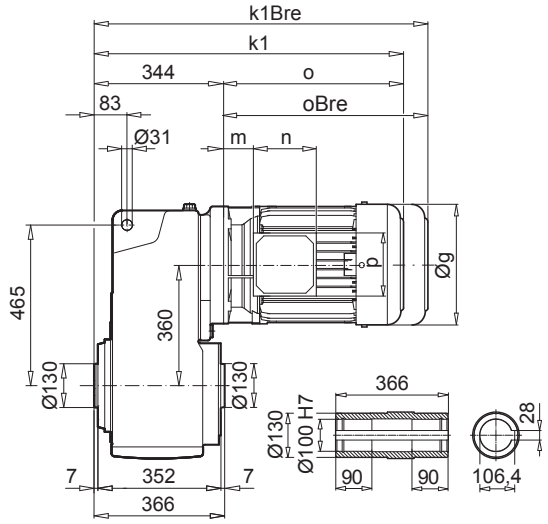



| ⇨ 🕮 A61 | 132 MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP 1) | 280 SP 1) |
|---|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 357 | 443 | 443 | 443 | 551 |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 |
| k / kBre | 989 / 1096 | 1046 / 1181 | 1090 / 1225 | 1168 / 1296 | 1296 / 1476 | 1296 / 1476 | 1311 / 1491 | 1399 / 1579 |
| k1 / k1Bre | 779 / 886 | 836 / 971 | 880 / 1015 | 958 / 1086 | 1086 / 1266 | 1086 / 1266 | 1101 / 1281 | 1189 / 1369 |
| k2 / k2Bre | 821 / 928 | 878 / 1013 | 922 / 1057 | 1000 / 1128 | 1128 / 1308 | 1128 / 1308 | 1143 / 1323 | 1231 / 1411 |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 |
| m / mBre | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 |

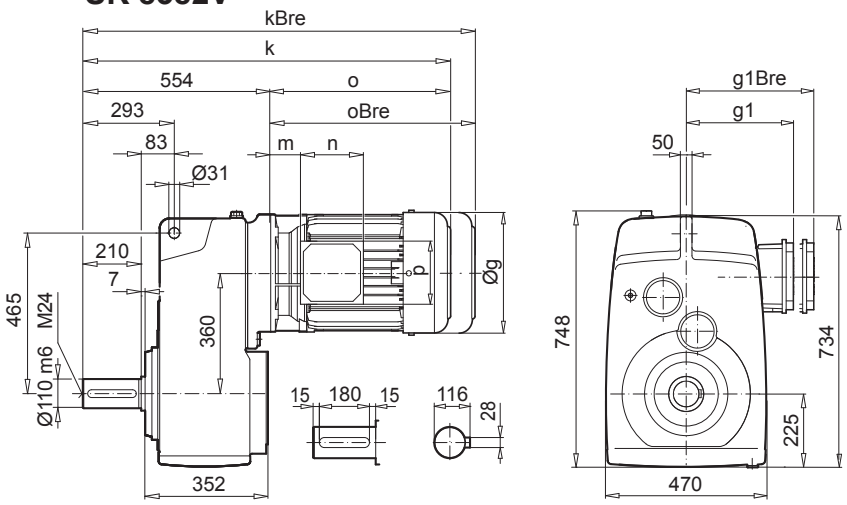
🕮 D88

# SK 8382

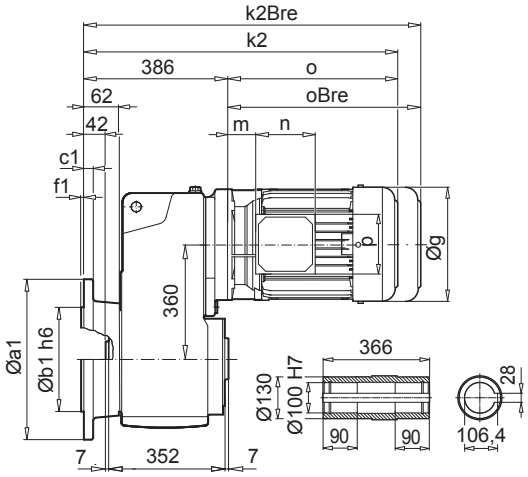
## SK 8382A



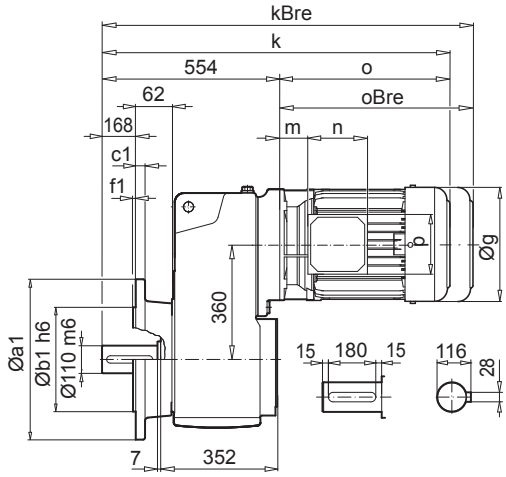

## SK 8382V

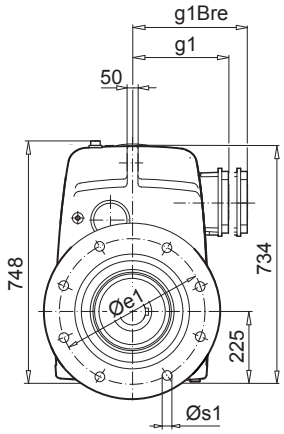



## SK 8382AF



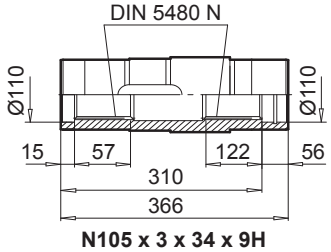

## SK 8382VF



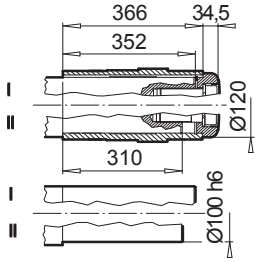




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 550 | 450 | 28 | 500 | 5 | 8 x 18 |

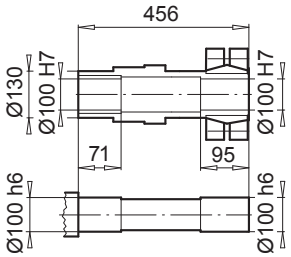
## SK 8382**EA**

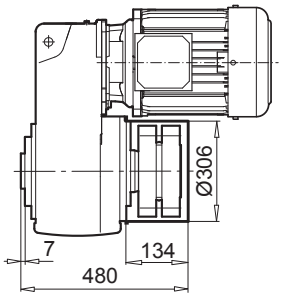



## SK 8382A**B** (AF**B**)



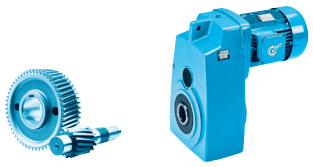

## SK 8382A**SH** (AF**SH**)



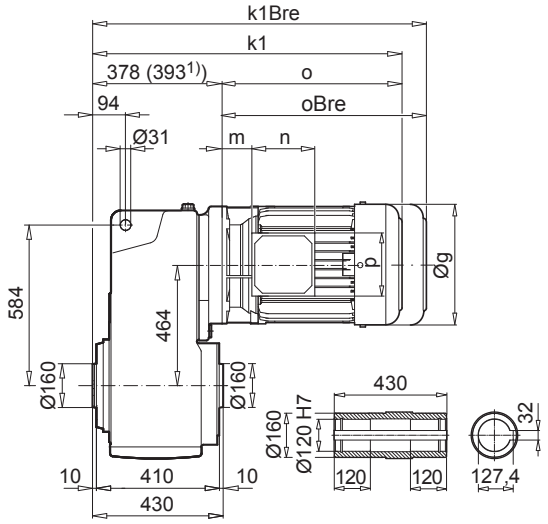




| ⇨ 🕮 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP |
|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 357 | 443 | 443 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 |
| k / kBre | 860 / 951 | 905 / 998 | 989 / 1096 | 1046 / 1181 | 1090 / 1225 | 1168 / 1296 | 1296 / 1476 | 1296 / 1476 |
| k1 / k1Bre | 650 / 741 | 695 / 788 | 779 / 886 | 836 / 971 | 880 / 1015 | 958 / 1086 | 1086 / 1266 | 1086 / 1266 |
| k2 / k2Bre | 692 / 783 | 737 / 830 | 821 / 928 | 878 / 1013 | 922 / 1057 | 1000 / 1128 | 1128 / 1308 | 1128 / 1308 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

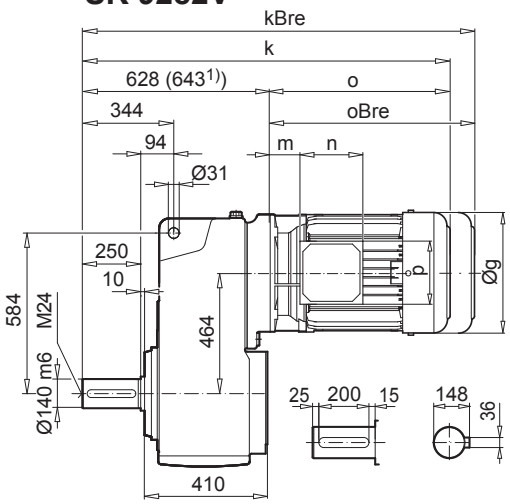
🕮 D87

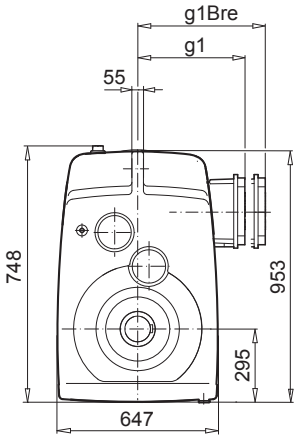


## SK 9282A

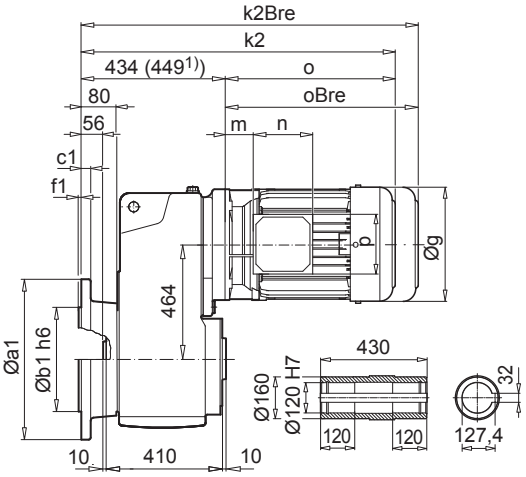



## SK 9282V

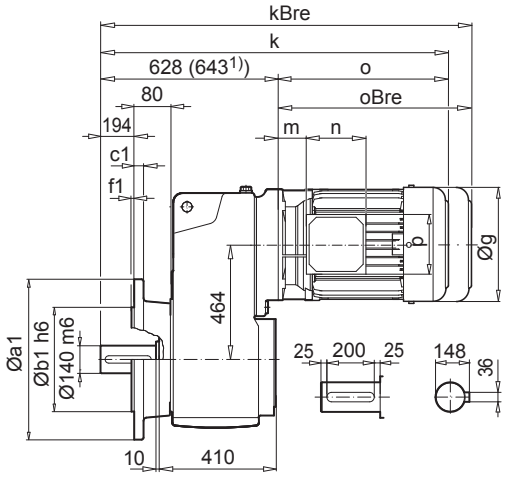


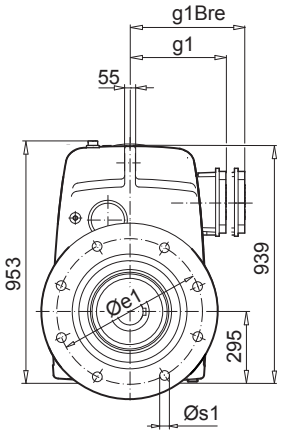




## SK 9282AF



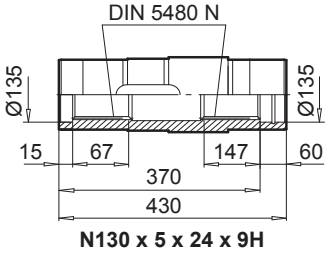

## SK 9282VF



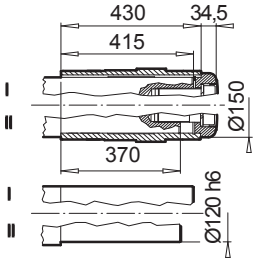

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 32 | 600 | 6 | 8 x 22 |

## SK 9282**EA**

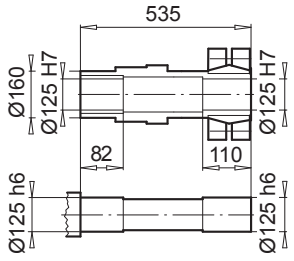


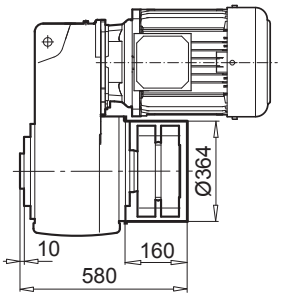

**N130 x 5 x 24 x 9H**

## SK 9282A**B** (AF**B**)




## SK 9282A**SH** (AF**SH**)



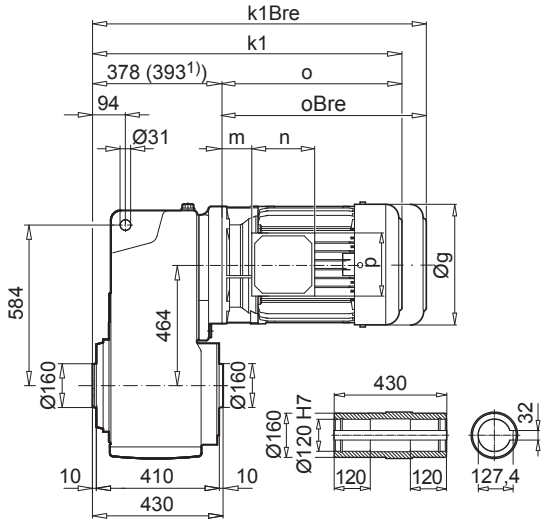




| ⇨ 🕮 A61 | 225 RP | 225 SP/MP | 250 WP [1] | 280 SP [1] | 280 MP [1] | 315 SP [1] | 315 MP/RP [1] | |
|---|---|---|---|---|---|---|---|---|
| g | 443 | 443 | 443 | 551 | 551 | 616 | 616 | |
| g1 / g1Bre | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - | |
| k / kBre | 1370 / 1550 | 1370 / 1550 | 1385 / 1565 | 1473 / 1653 | 1573 / 1753 | 1555 / - | 1720 / - | |
| k1 / k1Bre | 1120 / 1300 | 1120 / 1300 | 1135 / 1315 | 1223 / 1403 | 1323 / 1503 | 1305 / - | 1470 / - | |
| k2 / k2Bre | 1176 / 1356 | 1176 / 1356 | 1191 / 1371 | 1279 / 1459 | 1379 / 1559 | 1361 / - | 1526 / - | |
| o / oBre | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - | |
| m / mBre | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - | |
| n / nBre | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - | |
| p / pBre | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - | |

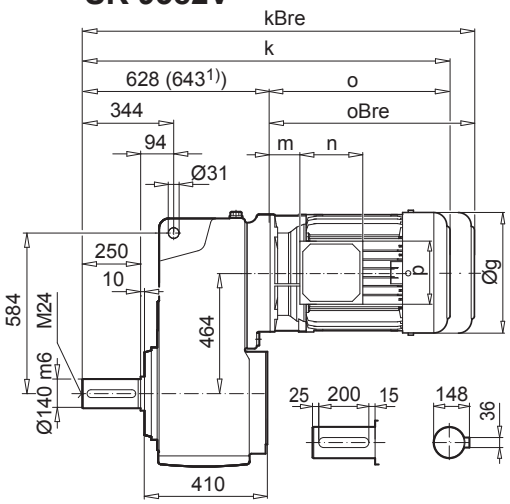
🕮 D88

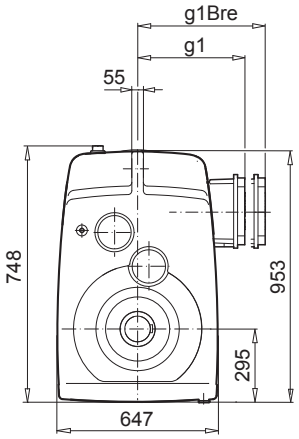
# SK 9382

## SK 9382A

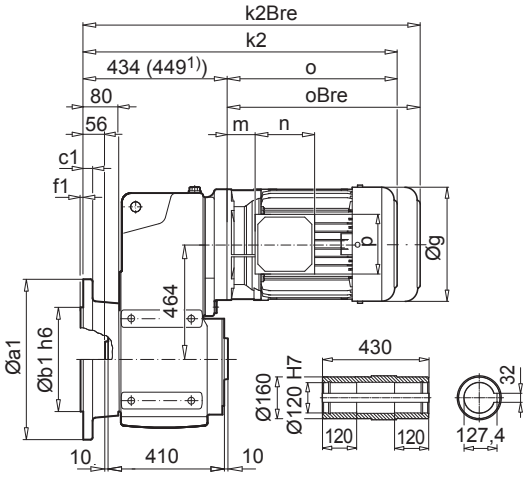



## SK 9382V

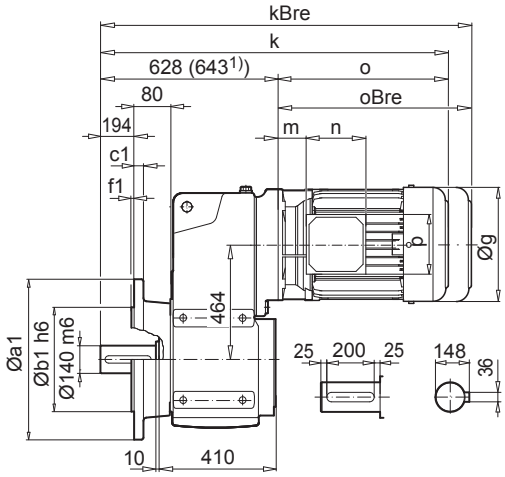


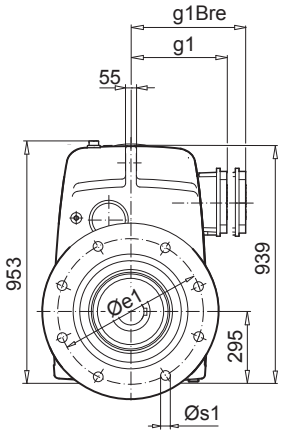




## SK 9382AF



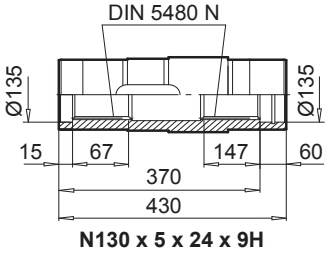

## SK 9382VF



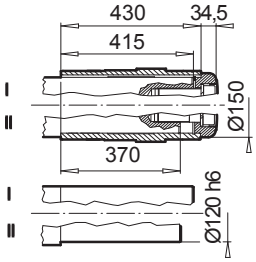

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 32 | 600 | 6 | 8 x 22 |

## SK 9382**EA**

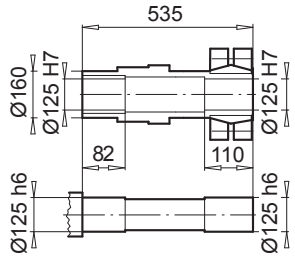


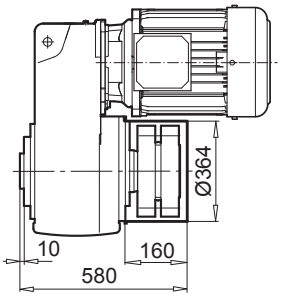

**N130 x 5 x 24 x 9H**

## SK 9382A**B** (AF**B**)



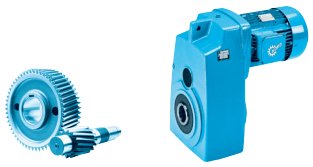

## SK 9382A**SH** (AF**SH**)



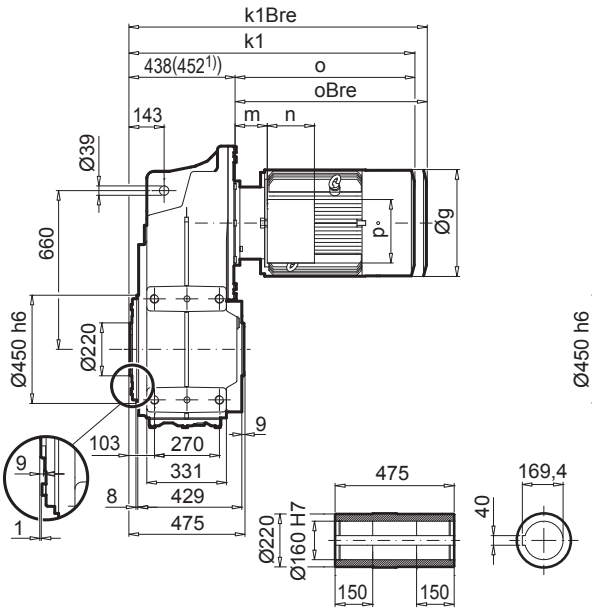

| ⇨ 🕮 A61 | 100 AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP [1] | 280 SP [1] |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 357 | 443 | 443 | 443 | 551 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 |
| k / kBre | 934 / 1025 | 979 / 1072 | 1063 / 1170 | 1120 / 1255 | 1164 / 1299 | 1242 / 1370 | 1370 / 1550 | 1370 / 1550 | 1385 / 1565 | 1473 / 1653 |
| k1 / k1Bre | 684 / 775 | 729 / 822 | 813 / 920 | 870 / 1005 | 914 / 1049 | 992 / 1120 | 1120 / 1300 | 1120 / 1300 | 1135 / 1315 | 1223 / 1403 |
| k2 / k2Bre | 740 / 831 | 785 / 878 | 869 / 976 | 926 / 1061 | 970 / 1105 | 1048 / 1176 | 1176 / 1356 | 1176 / 1356 | 1191 / 1371 | 1279 / 1459 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 |
| m / mBre | 32 / 36 | 35 / 38 | 71 / 64 | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 |

🕮 D87

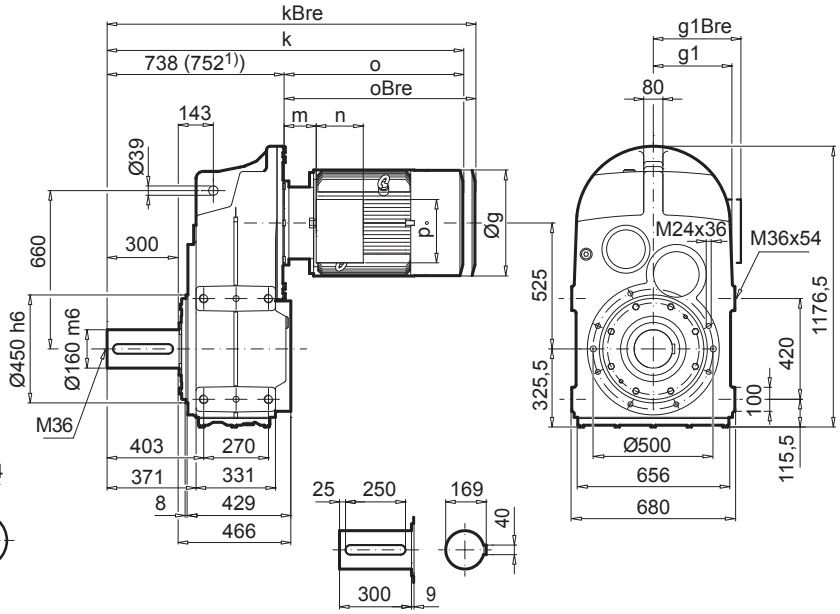


NORD DRIVESYSTEMS

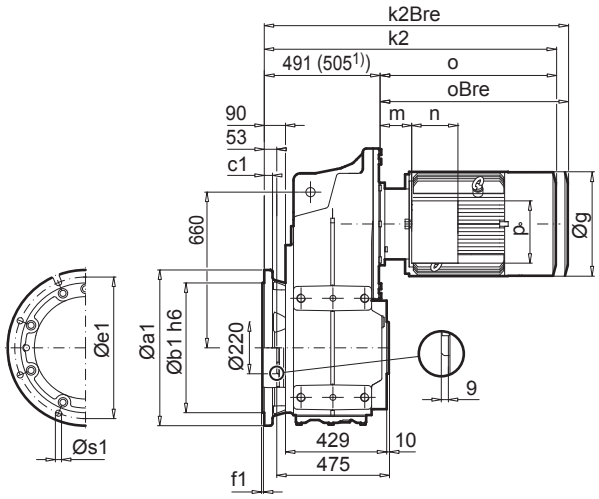
## SK 10382.1AZ



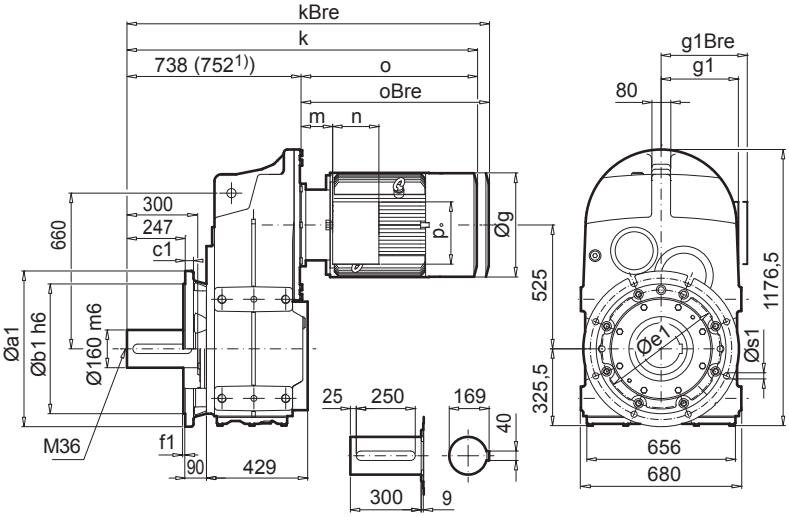

## SK 10382.1VZ




## SK 10382.1AF




## SK 10382.1VF



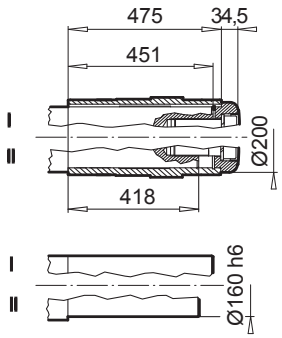

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 35 | 600 | 8 | 6 x 26 |

| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 MP | 225 RP | 225 SP/MP | 250 WP¹⁾ | 280 SP¹⁾ | 280 MP¹⁾ | 315 SP¹⁾ | 315 MP/RP¹⁾ |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 357 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k / kBre | 1230 / 1365 | 1274 / 1409 | 1352 / 1480 | 1480 / 1660 | 1480 / 1660 | 1494 / 1674 | 1582 / 1762 | 1682 / 1862 | 1664 / - | 1829 / - |
| k1 / k1Bre | 930 / 1065 | 974 / 1109 | 1052 / 1180 | 1180 / 1360 | 1180 / 1360 | 1194 / 1374 | 1282 / 1462 | 1382 / 1562 | 1364 / - | 1529 / - |
| k2 / k2Bre | 983 / 1118 | 1027 / 1162 | 1105 / 1233 | 1233 / 1413 | 1233 / 1413 | 1247 / 1427 | 1335 / 1515 | 1435 / 1615 | 1417 / - | 1582 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

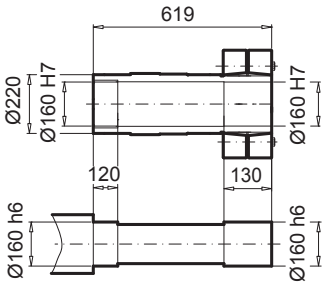
🕮 D89

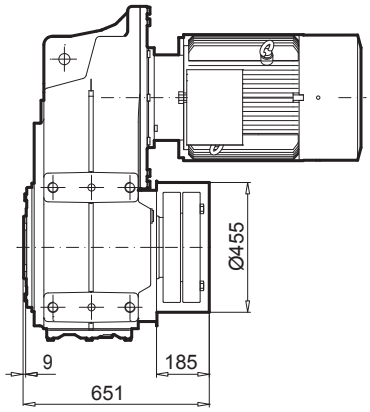
# SK 10382.1

## SK 10382.1AZ**B**




## SK 10382.1AZ**SH**

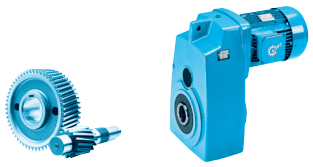





| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 MP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] | 315 MP/RP[1)] |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 357 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k1 / k1Bre | 930 / 1065 | 974 / 1109 | 1052 / 1180 | 1180 / 1360 | 1180 / 1360 | 1194 / 1374 | 1282 / 1462 | 1382 / 1562 | 1364 / - | 1529 / - |
| k2 / k2Bre | 983 / 1118 | 1027 / 1162 | 1105 / 1233 | 1233 / 1413 | 1233 / 1413 | 1247 / 1427 | 1335 / 1515 | 1435 / 1615 | 1417 / - | 1582 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

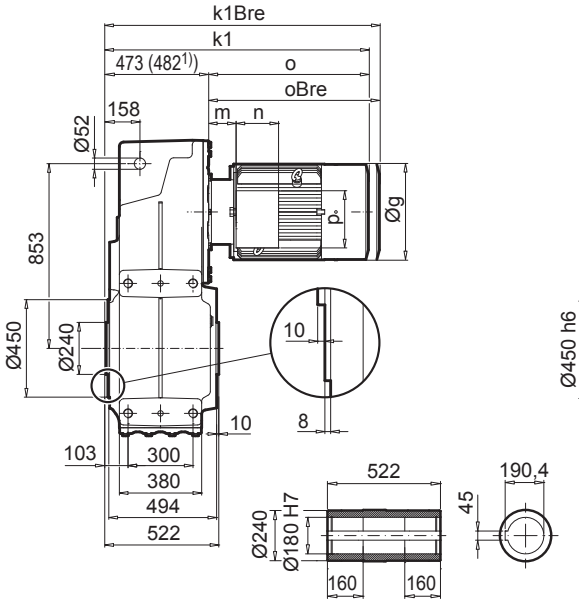
🕮 D89



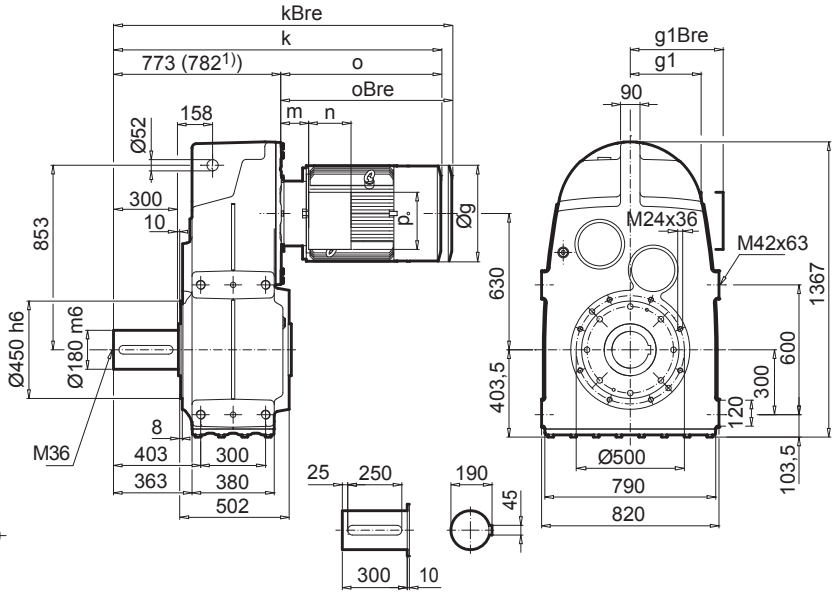




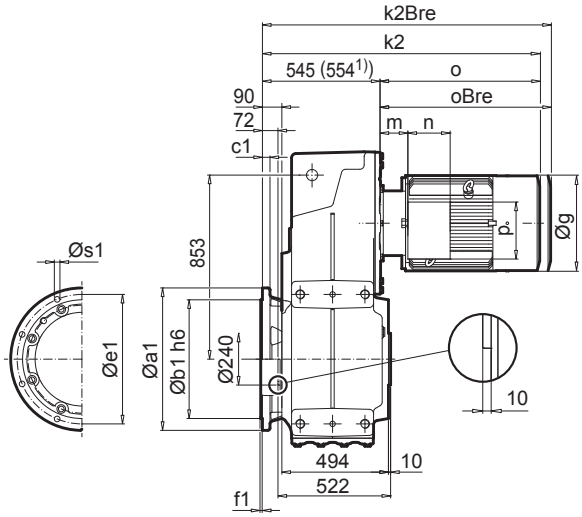
## SK 11382.1AZ



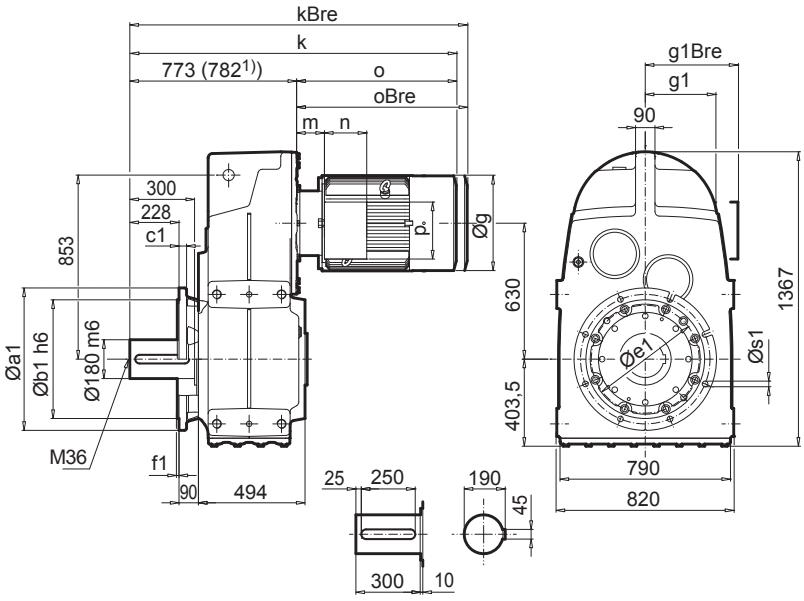

## SK 11382.1VZ




## SK 11382.1AF




## SK 11382.1VF



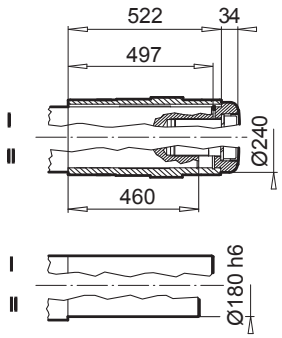

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 35 | 600 | 8 | 6 x 26 |

| ⇨ 🕮 A61 | 160 LP | 180 LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] | 315 MP/RP/LP[1)] |
|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 357 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k / kBre | 1309 / 1444 | 1387 / 1515 | 1515 / 1695 | 1515 / 1695 | 1525 / 1704 | 1612 / 1792 | 1712 / 1892 | 1694 / - | 1859 / - |
| k1 / k1Bre | 1009 / 1144 | 1087 / 1215 | 1215 / 1395 | 1215 / 1395 | 1224 / 1404 | 1312 / 1492 | 1412 / 1592 | 1394 / - | 1559 / - |
| k2 / k2Bre | 1081 / 1216 | 1159 / 1287 | 1287 / 1467 | 1287 / 1467 | 1296 / 1476 | 1384 / 1564 | 1484 / 1664 | 1466 / - | 1631 / - |
| o / oBre | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

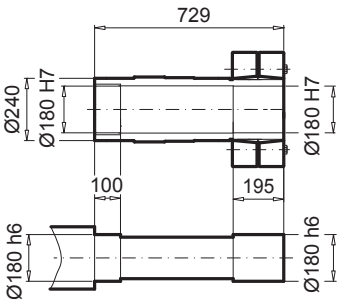
🕮 D89

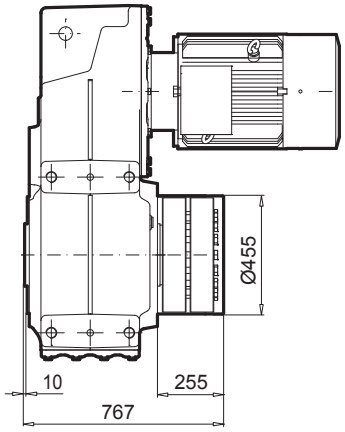
# SK 11382.1

## SK 11382.1AZ**B**




## SK 11382.1AZ**SH**



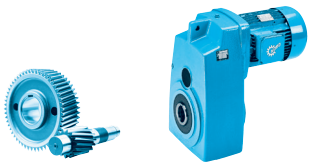



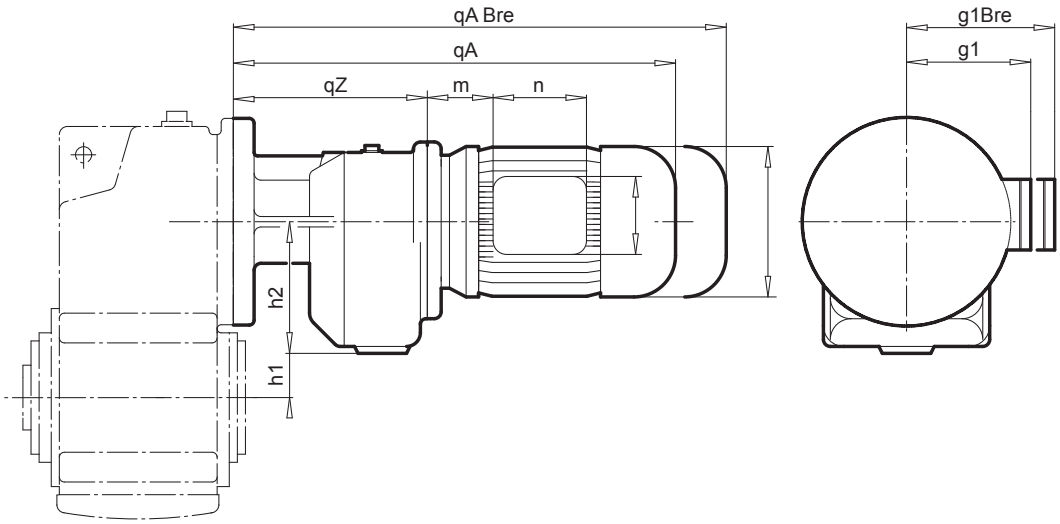



| ⇨ 🕮 A61 | 160 LP | 180 LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] | 315 MP/RP/LP[1)] |
|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 357 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 258 / 258 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k1 / k1Bre | 1009 / 1144 | 1087 / 1215 | 1215 / 1395 | 1215 / 1395 | 1224 / 1404 | 1312 / 1492 | 1412 / 1592 | 1394 / - | 1559 / - |
| k2 / k2Bre | 1081 / 1216 | 1159 / 1287 | 1287 / 1467 | 1287 / 1467 | 1296 / 1476 | 1384 / 1564 | 1484 / 1664 | 1466 / - | 1631 / - |
| o / oBre | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 54 / 54 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

🕮 D89

# SK 1282/02 - SK 9382/42






| ⇨ 🕮 A61 | SK 1282/02 | SK 2282/02 | | SK 3282/12 | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 63 S | 63 S/L | 71 S/L | 63 S/L | 71 L | 90 SP/LP | | | |
| g | 130 | 130 | 145 | 130 | 145 | 184 | | | |
| g1 / g1Bre | 114 / 122 | 114 / 122 | 124 / 134 | 114 / 122 | 124 / 134 | 148 / 148 | | | |
| qA / qABre | 338 / 394 | 338 / 394 | 378 / 436 | 351 / 407 | 391 / 449 | 457 / 532 | | | |
| o / oBre | 196 / 252 | 196 / 252 | 236 / 294 | 196 / 252 | 236 / 294 | 302 / 377 | | | |
| qz | 142 | 142 | | 155 | | | | | |
| m / mBre | 16 / 22 | 16 / 22 | 42 / 48 | 16 / 22 | 42 / 48 | 52 / 55 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 100 / 134 | 100 / 134 | 100 / 134 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 100 / 89 | 100 / 89 | 100 / 89 | 114 / 108 | | | |
| h1 / h2 | 33 / 89 | 58 / 89 | | 72 / 106 | | | | | |
| ⇨ 🕮 | SK 1282 ⇨🕮D61 | SK 2282 ⇨ 🕮 D62 | | SK 3282 ⇨ 🕮 D64 | | | | | |

🕮 D84

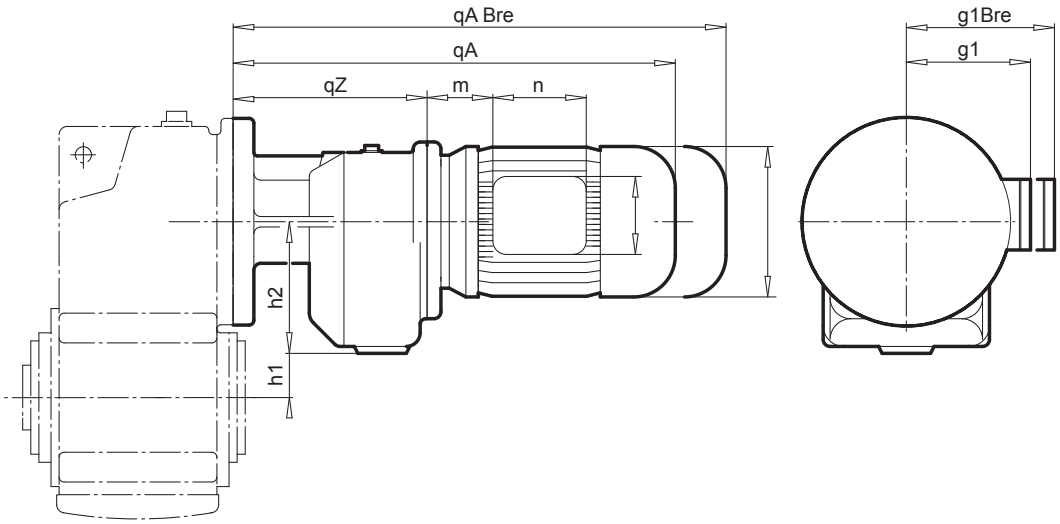
| ⇨ 🕮 A61 | SK 4282/12, SK 5282/12 | | | | | SK 6382/22, SK 7382/22 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 63 S/L | 71 S/L | 80 SH | 80 LP | 100 LP | 71 L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP |
| g | 130 | 145 | 164 | 164 | 202 | 145 | 164 | 164 | 184 | 202 |
| g1 / g1Bre | 114 / 122 | 124 / 134 | 142 / 142 | 142 / 142 | 170 / 172 | 124 / 134 | 142 / 142 | 142 / 142 | 148 / 148 | 170 / 172 |
| qA / qABre | 350 / 406 | 390 / 448 | 415 / 479 | 415 / 479 | 486 / 577 | 410 / 468 | 435 / 499 | 435 / 499 | 476 / 551 | 506 / 597 |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 332 / 423 | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 |
| qz | 154 | | | | | 180 | | | | |
| m / mBre | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 58 / 61 | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 49 | 52 / 55 |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |
| h1 / h2 | 100 / 106 | | | | | 157 / 125 | | | | |
| ⇨ 🕮 | SK 4282 ⇨ 🕮 D66 , SK 5282 ⇨ 🕮 D68 | | | | | SK 6382 ⇨ 🕮 D71 , SK 7382 ⇨ 🕮 D73 | | | | |

🕮 D84
D85

| ⇨ 🕮 A61 | SK 6382/32 | SK 7382/32, SK 8382/32 | | | | SK 8382/42, SK 9382/42 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 90 LP | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP |
| g | 184 | 164 | 164 | 184 | 202 | 184 | 202 | 226 | 264 | 319 |
| g1 / g1Bre | 148 / 148 | 142 / 142 | 142 / 142 | 148 / 148 | 170 / 172 | 148 / 148 | 170 / 172 | 180 / 182 | 204 / 202 | 242 / 242 |
| qA / qABre | 515 / 590 | 474 / 538 | 474 / 538 | 515 / 590 | 545 / 636 | 536 / 611 | 566 / 657 | 614 / 708 | 675 / 782 | 752 / 887 |
| o / oBre | 296 / 371 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 276 / 351 | 306 / 397 | 354 / 448 | 415 / 522 | 492 / 627 |
| qz | 219 | 219 | | | | 260 | | | | |
| m / mBre | 46 /49 | 41 / 44 | 41 / 44 | 46 / 49 | 52 / 55 | 26 / 29 | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 |
| h1 / h2 | 127 / 155 | 162 / 155 | | | | 185 / 175 | | | | |
| ⇨ 🕮 | SK 6382 ⇨ 🕮 D71 | SK 7382 ⇨ 🕮 D73 , SK 8382 ⇨ 🕮 D75 | | | | SK 8382 ⇨ 🕮 D75, SK 9382 ⇨ 🕮 D77 | | | | |

🕮 D85
D86

# SK 9382/52

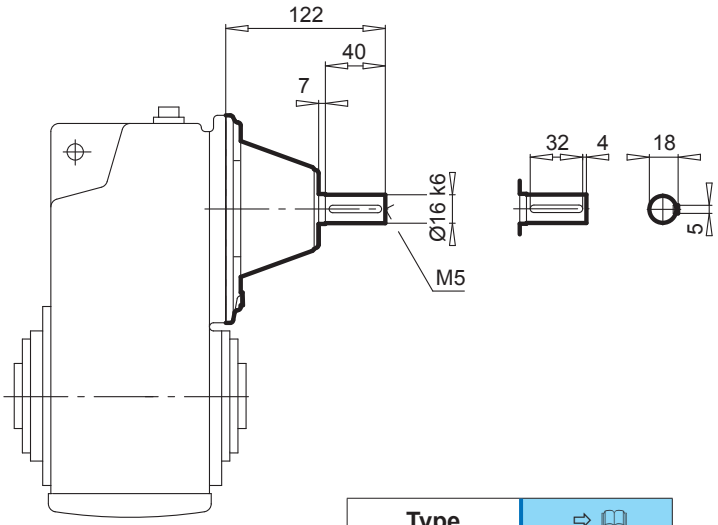





| ⇨ 🕮 A61 | SK 9382/52 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 132 SP/MP | 160 SP/MP | 180 MP | | | | | |
| g | 264 | 319 | 357 | | | | | |
| g1 / g1Bre | 204 / 202 | 242 / 242 | 258 / 258 | | | | | |
| qA / qABre | 715 / 822 | 792 / 927 | 914 / 1042 | | | | | |
| o / oBre | 415 / 522 | 492 / 627 | 614 / 742 | | | | | |
| qz | 300 | | | | | | | |
| m / mBre | 51 / 42 | 52 / 52 | 54 / 54 | | | | | |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | | | | | |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | | | | | |
| h1 / h2 | 252 / 212 | | | | | | | |
| ⇨ 🕮 | SK 9382 ⇨ 🕮 D77 | | | | | | | |

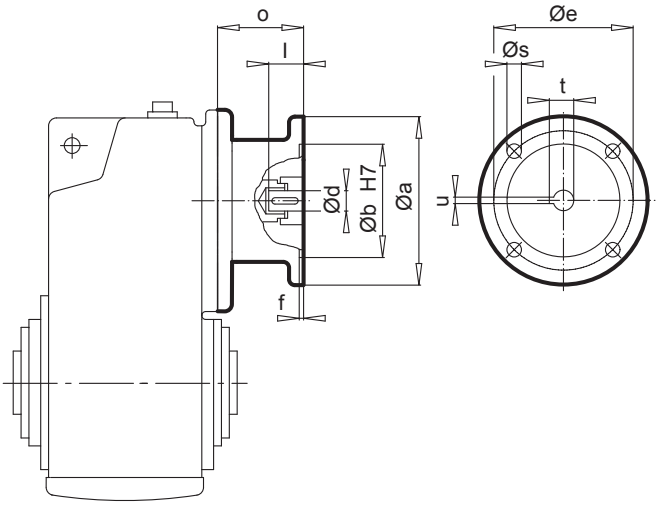
🕮 D89

## SK ... - W



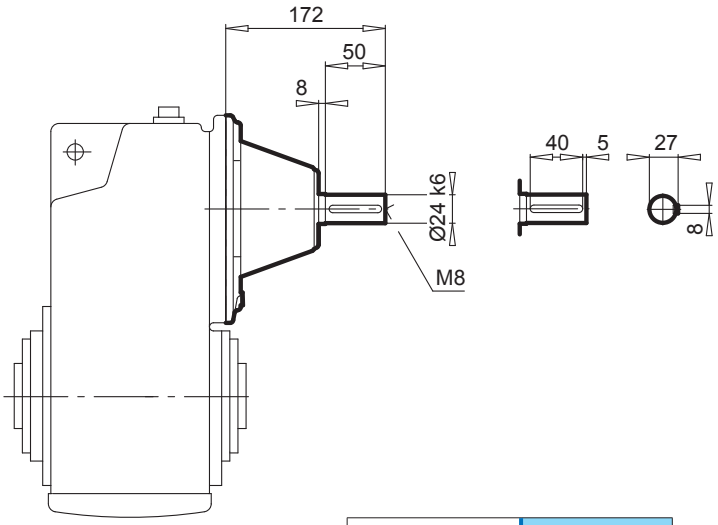

| Type | ⇨ 🕮 |
|---|---|
| SK 1282 | D61 |
| SK 2382 | D63 |
| SK 3382 | D65 |
| SK 1282/02 | D82 |
| SK 2282/02 | D82 |
| SK 3282/12 | D82 |
| SK 4282/12 | D82 |
| SK 5282/12 | D82 |

## SK ... - IEC ...



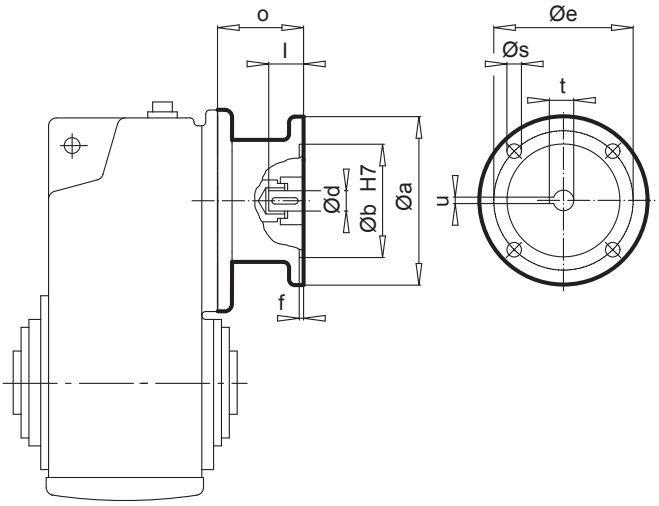

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **63** | 140 | 95 | 11 | 115 | 3,5 | 23 | 85 | M8 | 12,8 | 4 |
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 105 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |

## SK ... - W



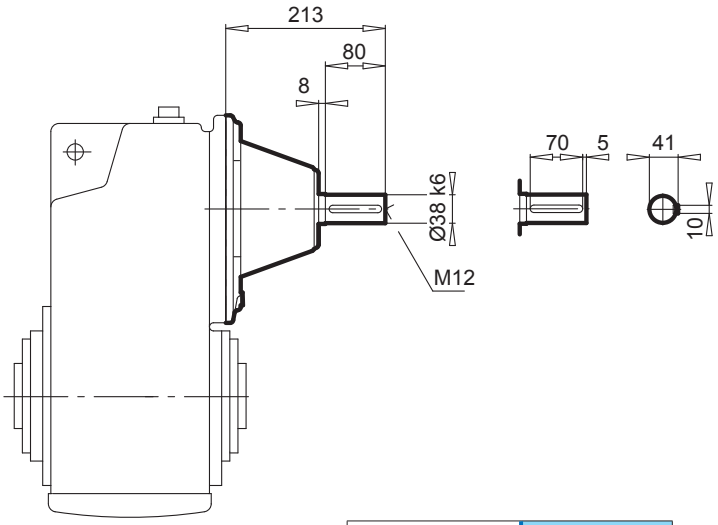

| Type | ⇨ 🕮 |
|---|---|
| SK 2282 | D62 |
| SK 3282 | D64 |
| SK 4382 | D67 |
| SK 5382 | D69 |
| SK 6382/22 | D82 |
| SK 6382/32 | D82 |
| SK 7382/22 | D82 |
| SK 7382/32 | D82 |
| SK 8382/32 | D82 |

## SK ... - IEC ...



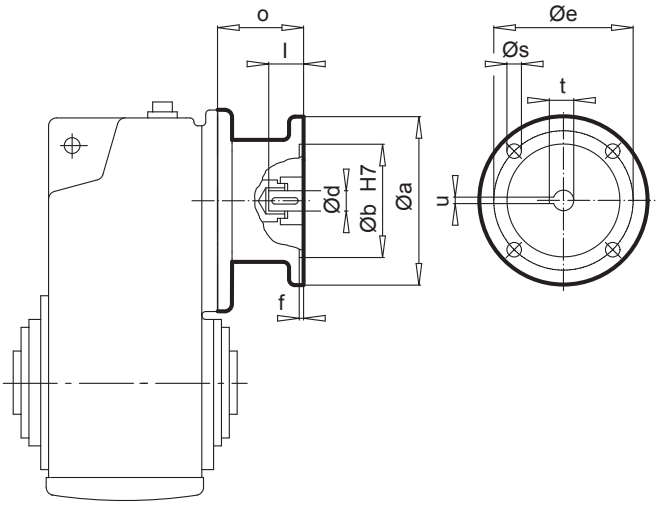

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 88 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 107 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 5,0 | 50 | 107 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 156 | M12 | 41,3 | 10 |

## SK ... - W



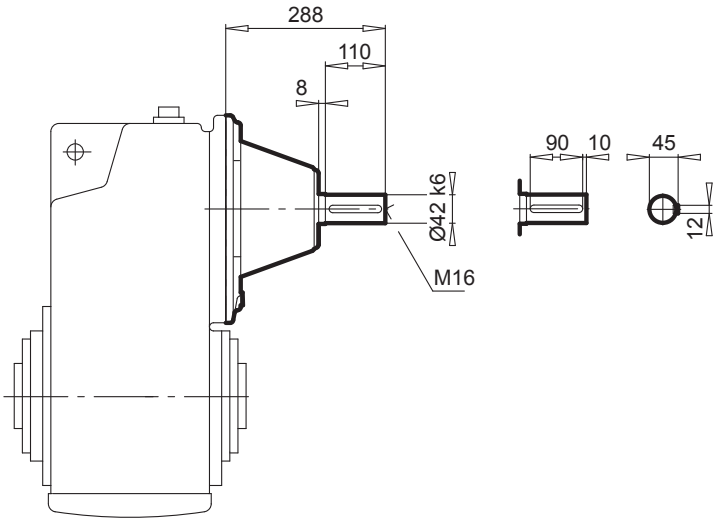

| Type | ⇨ 🕮 |
|---|---|
| SK 4282 | D66 |
| SK 5282 | D68 |
| SK 6382 | D71 |
| SK 8382/42 | D82 |
| SK 9382/42 | D82 |
| SK 9382/52 | D86 |

## SK ... - IEC ...



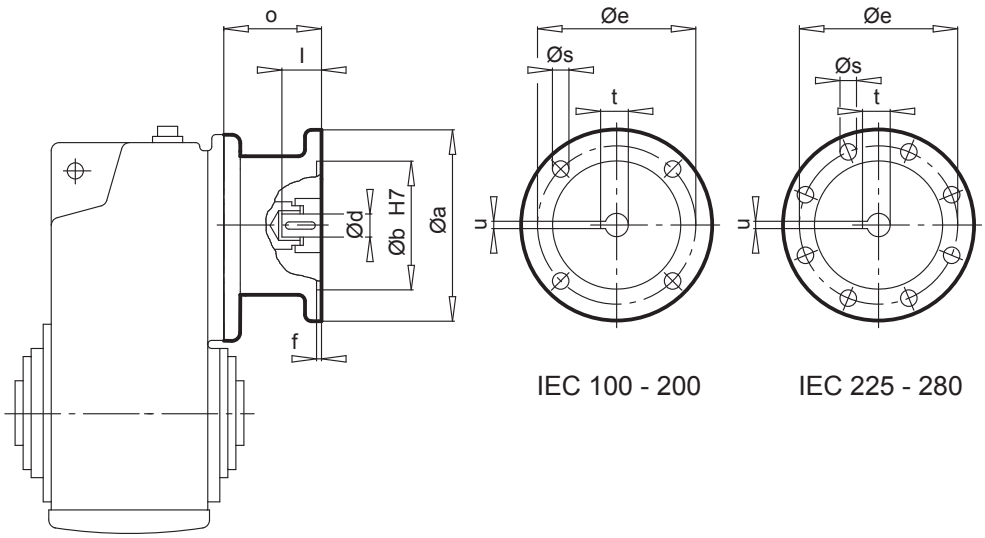

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 109 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 133 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 133 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 190 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 194 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 194 | M16 | 51,8 | 14 |

## SK ... - W



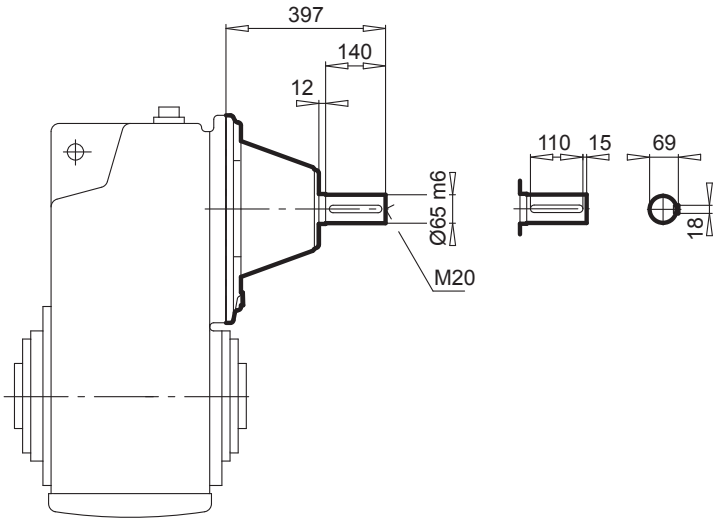

| Type | ⇨ 🕮 |
|---|---|
| SK 6282 | D70 |
| SK 6382 | D71 |
| SK 7282 | D72 |
| SK 7382 | D73 |
| SK 8382 | D75 |
| SK 9382 | D77 |

## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| **250** | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| **280** | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,9 | 20 |

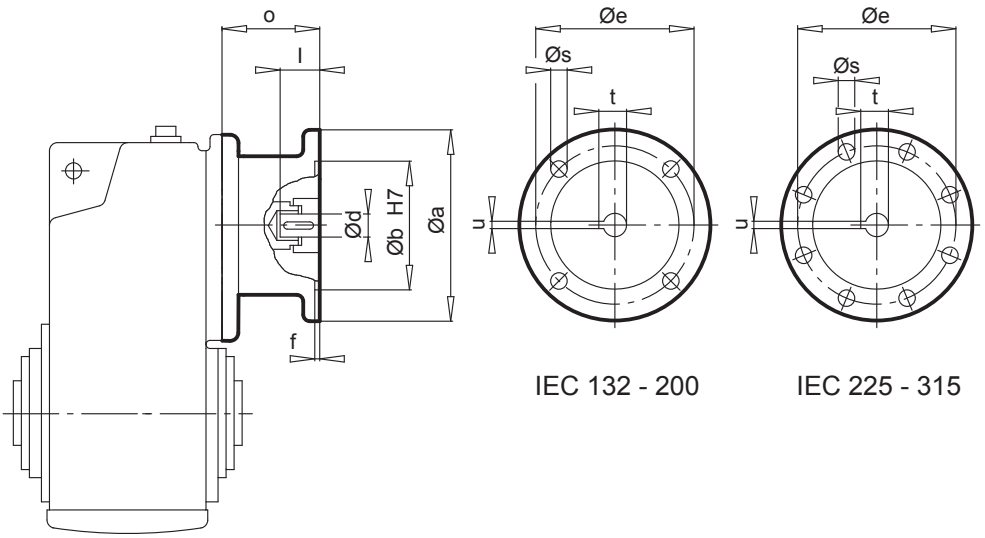
## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 8282 | D74 |
| SK 8382 | D75 |
| SK 9282 | D76 |
| SK 9382 | D77 |

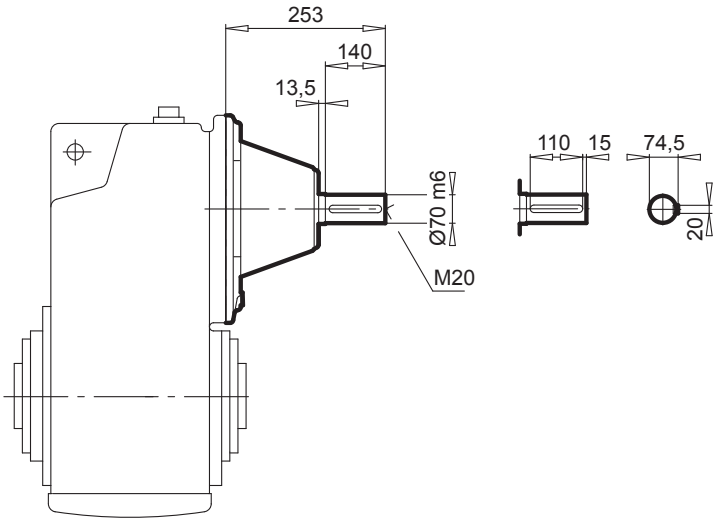


## SK ... - IEC ...



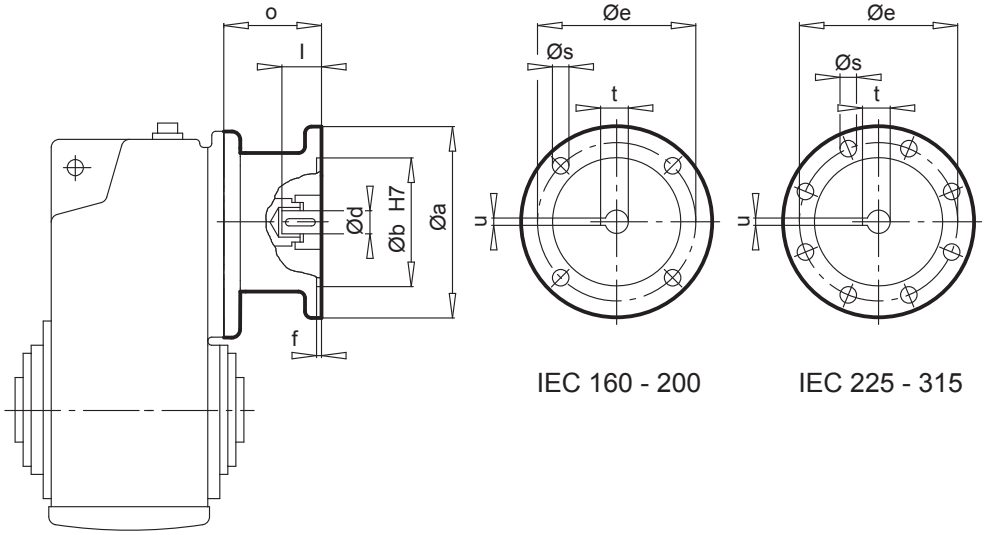

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| **250** | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| **280** | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,9 | 20 |
| **315** | 660 | 550 | 80 | 600 | 7,0 | 170 | 381,5 | M20 | 85,4 | 20 |

## SK ... - W




| Type | ⇨ 🕮 |
|---|---|
| SK 10382.1 | D78-79 |
| SK 11382.1 | D80-81 |

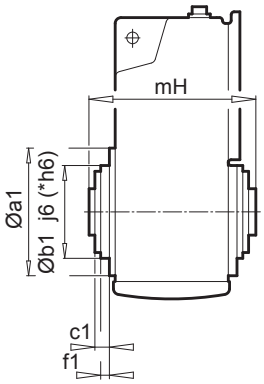
## SK ... - IEC ...

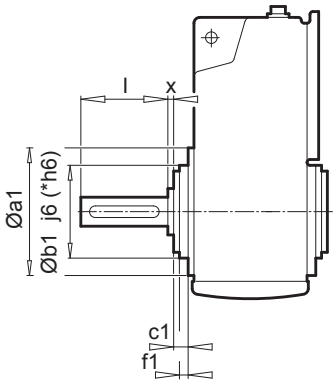


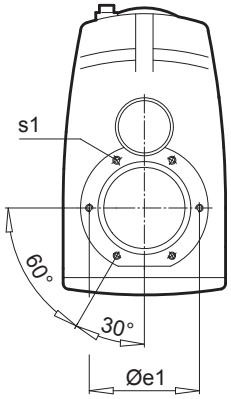

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| **250** | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| **280** | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,4 | 20 |
| **315** | 660 | 550 | 80 | 600 | 7,0 | 170 | 381,5 | M20 | 85,4 | 22 |

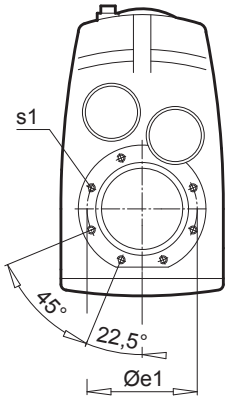
## SK 1282 AZ(VZ) - SK 5382 AZ(VZ)

## SK 6282 AZ(VZ) - SK 8382 AZ(VZ)



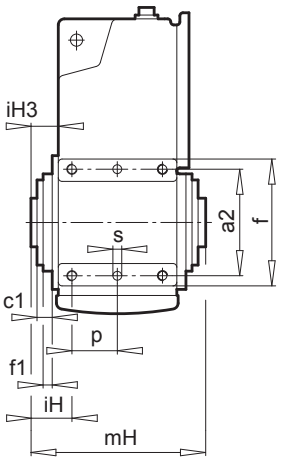



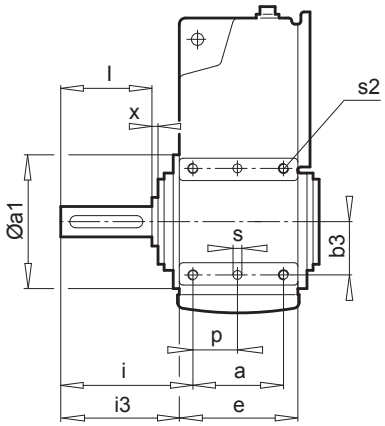



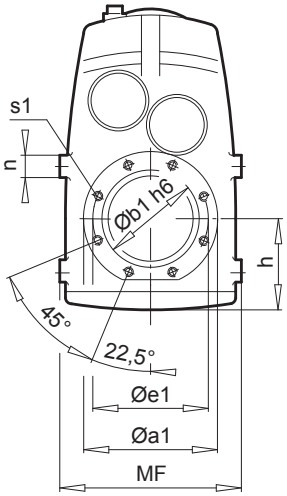




| ⇨ 🕮 A61 | a1 | b1 | c1 | e1 | f1 | s1 | mH | l | x |
|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 .Z** | 140 | 95 | 13 | 115 | 6,0 | M8 x 13 | 122 | 60 | 4,0 |
| **SK 2282 .Z**<br>**SK 2382 .Z** | 160 | 110 | 12 | 130 | 5,0 | M8 x 13 | 139 | 70 | 5,0 |
| **SK 3282 .Z**<br>**SK 3382 .Z** | 200 | 130 | 7,0 | 165 | 7,0 | M10 x 16 | 174 | 90 | 6,0 |
| **SK 4282 .Z**<br>**SK 4382 .Z** | 230 | 160 | 11 | 194 | 5,0 | M12 x 20 | 195 | 110 | 7,0 |
| **SK 5282 .Z**<br>**SK 5382 .Z** | 250 | 180 | 9,0 | 215 | 5,0 | M12 x 20 | 230 | 130 | 7,5 |
| **SK 6282 .Z**<br>**SK 6382 .Z** | 300 | 230 | 11 | 265 | 4,0 | M12 x 20 | 290 | 140 | 8,5 |
| **SK 7282 .Z**<br>**SK 7382 .Z** | 350 | *250 | 11 | 300 | 5,0 | M16 x 25 | 310 | 170 | 6,0 |
| **SK 8282 .Z**<br>**SK 8382 .Z** | 400 | *300 | 13 | 350 | 5,0 | M16 x 25 | 366 | 210 | 7,0 |

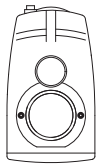




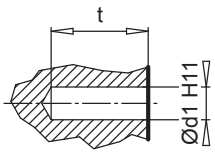



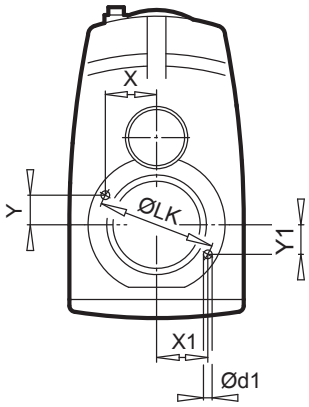




| ⇨ 🕮 A61 | a1 | b1 | c1 | e1 | f1 | s1 | a<br>a2 | e<br>f | n<br>p | s<br>s2 | h<br>b3 | i<br>i3 | iH<br>iH3 | MF | mH | l<br>x |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9282 .Z**<br>**SK 9382 .Z** | 450 | 350 | 14 | 400 | 7,0 | M20 x 30 | 245<br>360 | 306<br>440 | 80<br>122,5 | Ø25 x 30<br>M30 x 45 | 295<br>180 | 315<br>283,5 | 65<br>33,5 | 640 | 430 | 250<br>10 |
| **SK 10382.1 .Z** | ⇨ 🕮 D78-79 | | | | | | | | | | | | | | | |
| **SK 11382.1 .Z** | ⇨ 🕮 D80-81 | | | | | | | | | | | | | | | |

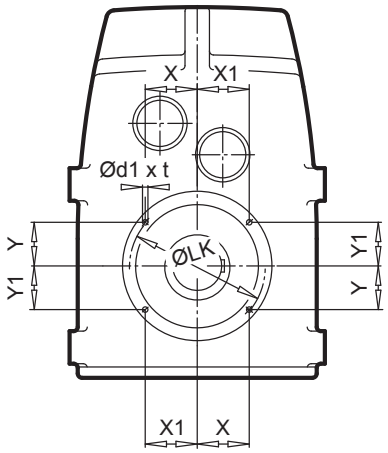


## SK 1282 - SK 5382



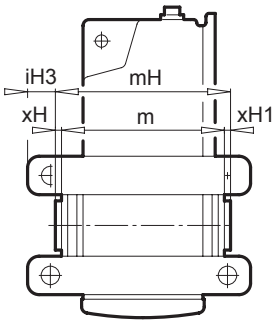

## SK 6282 - SK 11382.1



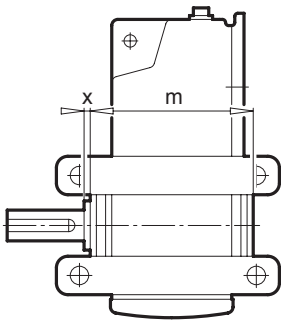



| ⇨ 🕮 A61 | Ø $d1^{H11}$ x t | LK | X | X1 | Y | Y1 |
|---|---|---|---|---|---|---|
| **SK 1282 .Z** | 8 x 12 | 115 | 56,14 | 56,14 | 12,45 | 12,45 |
| **SK 2282 .Z**<br>**SK 2382 .Z** | 8 x 12 | 130 | 62,79 | 62,79 | 16,82 | 16,82 |
| **SK 3282 .Z**<br>**SK 3382 .Z** | 10 x 15 | 165 | 80,54 | 80,54 | 17,86 | 17,86 |
| **SK 4282 .Z**<br>**SK 4382 .Z** | 12 x 20 | 194 | 93,69 | 93,69 | 25,11 | 25,11 |
| **SK 5282 .Z**<br>**SK 5382 .Z** | 12 x 20 | 215 | 104,95 | 104,95 | 23,27 | 23,27 |
| **SK 6282 .Z**<br>**SK 6382 .Z** | 12 x 20 | 265 | 111,75 | 111,75 | 71,19 | 71,19 |
| **SK 7282 .Z**<br>**SK 7382 .Z** | 16 x 30 | 300 | 126,51 | 126,51 | 80,59 | 80,59 |
| **SK 8282 .Z**<br>**SK 8382 .Z** | 16 x 30 | 350 | 147,59 | 147,59 | 94,03 | 94,03 |
| **SK 9282 .Z**<br>**SK 9382 .Z** | 16 x 30 | 400 | 168,68 | 168,68 | 107,46 | 107,46 |
| **SK 10382.1 .Z** | 25 x 35 | 500 | 176,78 | 204,79 | 176,78 | 143,39 |
| **SK 11382.1 .Z** | 25 x 25 | 500 | 176,78 | 204,79 | 176,78 | 143,39 |

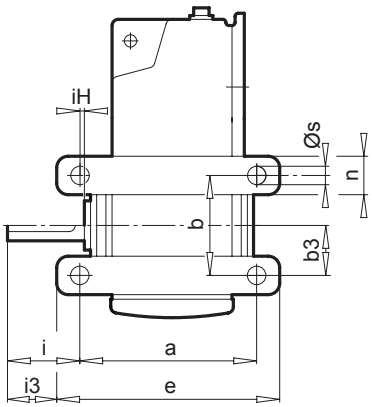
## AX



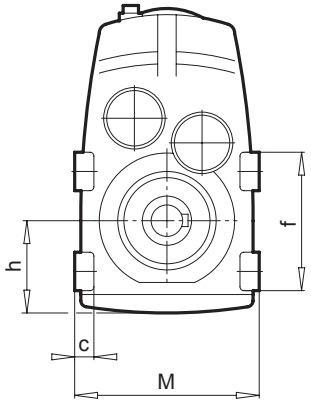

## VX




## AX / VX



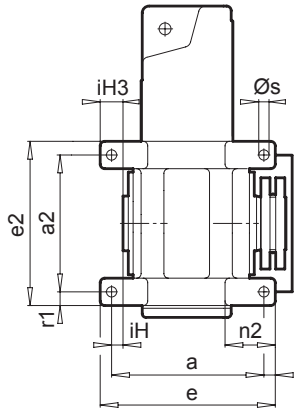

## AX / VX



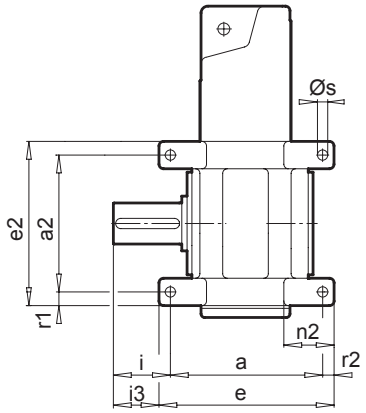

| ⇨ 🕮 A61 | a | b | c | e | f | n | s | b3 | h | i | i3 | iH | iH3 | m | mH | x | xH | xH1 | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 .X** | 142 | 80 | 16 | 164 | 110 | 30 | 11 | 43 | 77 | 53,0 | 42,0 | 7,0 | 18,0 | 115 | 122 | 4,0 | 4,0 | 3,0 | 170 |
| **SK 2282 .X**<br>**SK 2382 .X** | 165 | 80 | 20 | 195 | 116 | 36 | 13 | 49 | 90 | 64,5 | 49,5 | 5,5 | 20,5 | 126 | 139 | 5,0 | 5,0 | 8,0 | 200 |
| **SK 3282 .X**<br>**SK 3382 .X** | 195 | 125 | 25 | 225 | 165 | 40 | 13 | 62 | 107 | 79,0 | 64,0 | 11,0 | 26,0 | 162 | 174 | 6,0 | 6,0 | 6,0 | 236 |
| **SK 4282 .X**<br>**SK 4382 .X** | 220 | 125 | 28 | 260 | 170 | 45 | 18 | 73 | 123 | 100,5 | 80,5 | 9,5 | 29,5 | 181 | 195 | 7,0 | 7,0 | 7,0 | 280 |
| **SK 5282 .X**<br>**SK 5382 .X** | 250 | 175 | 35 | 290 | 220 | 45 | 18 | 90 | 146 | 117,5 | 97,5 | 12,5 | 32,5 | 215 | 230 | 7,5 | 7,5 | 7,5 | 320 |
| **SK 6282 .X**<br>**SK 6382 .X** | 330 | 195 | 40 | 390 | 265 | 70 | 26 | 101 | 172 | 122,5 | 92,5 | 26,0 | 56,0 | 273 | 290 | 8,5 | 8,5 | 8,5 | 360 |
| **SK 7282 .X**<br>**SK 7382 .X** | 370 | 215 | 45 | 440 | 305 | 90 | 33 | 113 | 197 | 140,0 | 105,0 | 30,0 | 65,0 | 298 | 310 | 6,0 | 6,0 | 6,0 | 424 |
| **SK 8282 .X**<br>**SK 8382 .X** | 420 | 240 | 60 | 500 | 350 | 110 | 33 | 124 | 225 | 184,0 | 144,0 | 26,0 | 66,0 | 352 | 366 | 7,0 | 7,0 | 7,0 | 500 |



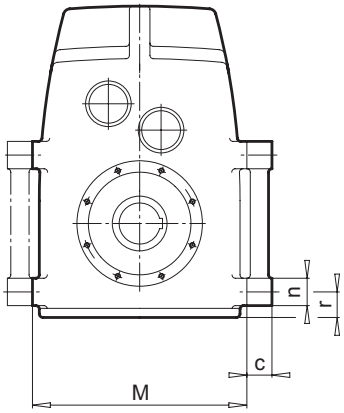
## AXSH



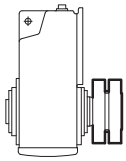

## VX




## AXSH / VX

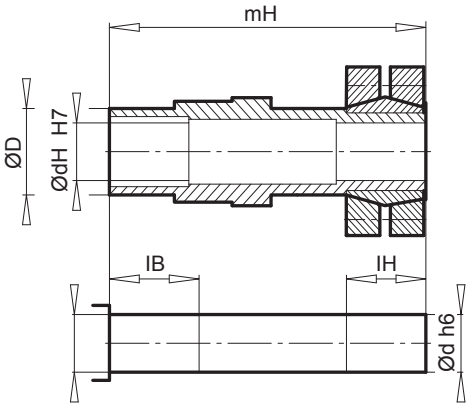


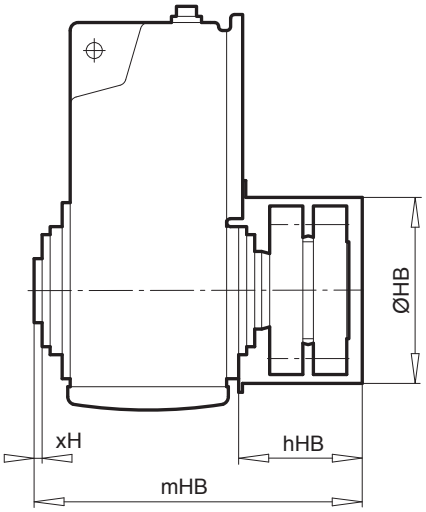

| ⇨ 🕮 A61 | a | a2 | c | e | e2 | n | n2 | r | r1 | r2 | s | i | i3 | iH | iH3 | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9282 .X**<br>**SK 9382 .X** | 470 | 360 | 70 | 570 | 460 | 100 | 190 | 115 | 50 | 50 | 45 | 225 | 175 | 25 | 75 | 640 |
| **SK 10382.1 .X** | 450 | 420 | 100 | 530 | 530 | 110 | 170 | 116 | 55 | 40 | 39 | 313 | 273 | 13 | 27 | 680 |
| **SK 11382.1 .X** | 500 | 600 | 110 | 600 | 720 | 120 | 200 | 91 | 60 | 50 | 45 | 308 | 258 | 8 | 42 | 820 |



## SK ... AVSH

⇨ 🕮 A32

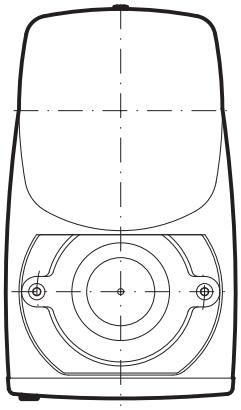


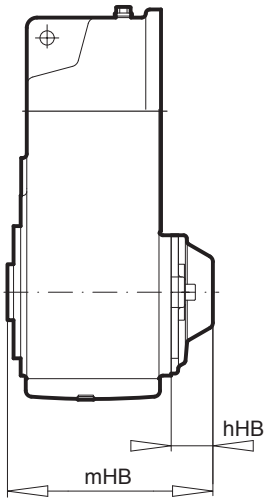






| ⇨ 🕮 A61 | D | dH | d | lB | lH | mH | xH | hHB | HB | mHB |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 7282 AVSH<br>SK 7382 AVSH** | 110 | 85 | 85 | 56 | 120 | 429 | 6,0 | 147 | 258 | 446 |
| **SK 8282 AVSH<br>SK 8382 AVSH** | 130 | 100 | 100 | 71,5 | 149 | 510 | 7,0 | 198 | 306 | 544 |
| **SK 9282 AVSH<br>SK 9382 AVSH** | 160 | 130 | 130 | 82 | 182 | 607 | 10,0 | 235 | 364 | 631 |

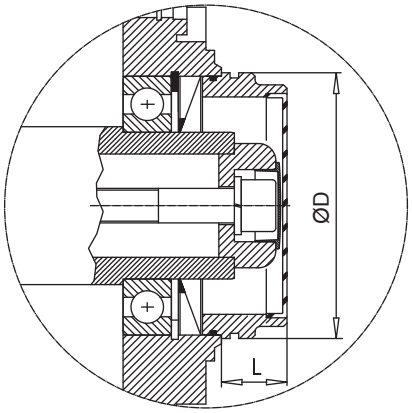
## SK ... AH
## SK ... AZH





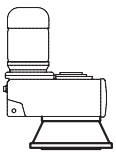

| ⇨ 🕮 A61 | | hHB | mHB |
|---|---|---|---|
| SK 1282 | AH AZH | 31 | 150 |
| SK 2282 | AH AZH | 43 | 174 |
| SK 2382 | AH AZH | | |
| SK 3282 | AH AZH | 45 | 213 |
| SK 3382 | AH AZH | | |
| SK 4282 | AH AZH | 45 | 233 |
| SK 4382 | AH AZH | | |
| SK 5282 | AH AZH | 53 | 276 |
| SK 5382 | AH AZH | | |
| SK 6282 | AH AZH | 53 | 335 |
| SK 6382 | AH AZH | | |
| SK 7282 | AH AZH | 53 | 357 |
| SK 7382 | AH AZH | | |
| SK 8282 | AH AZH | 70 | 416 |
| SK 8382 | AH AZH | | |
| SK 9282 | AH AZH | 84 | 480 |
| SK 9382 | AH AZH | | |
| SK 10382.1 | AZH | 58 | 556 |
| SK 11382.1 | AZH | 58 | 586 |

## SK ... AH 66
## SK ... AZH 66



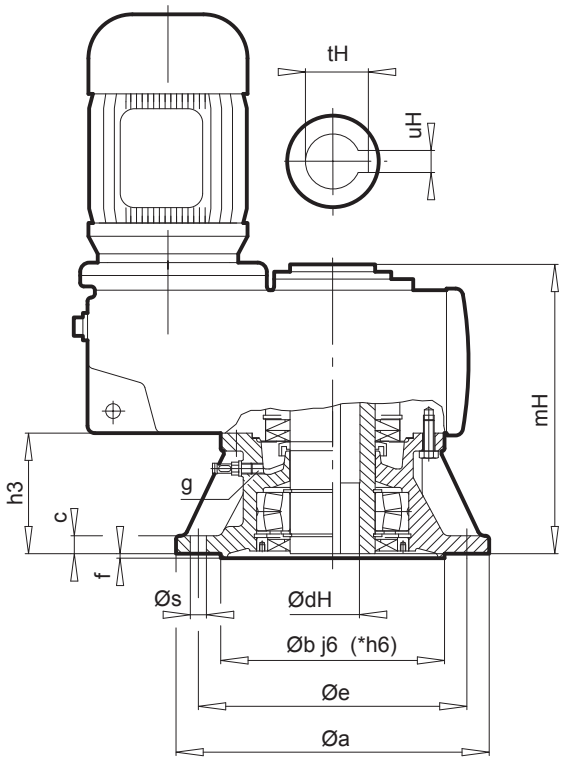

| ⇨ 🕮 A61 | | Ø D | L |
|---|---|---|---|
| SK 1282 | AH66 AZH66 | 80 | 25 |
| SK 2282 | AH66 AZH66 | 56 | 38 |
| SK 3282 | AH66 AZH66 | 104 | 35 |
| SK 4282 | AH66 AZH66 | 104 | 34 |
| SK 5282 | AH66 AZH66 | 154 | 38 |
| SK 6282 | AH66 AZH66 | 188 | 44 |
| SK 7282 | AH66 AZH66 | 215 | 35 |
| SK 8282 | AH66 AZH66 | 245 | 50 |

# AF(B)VL2
# AF(B)VL3

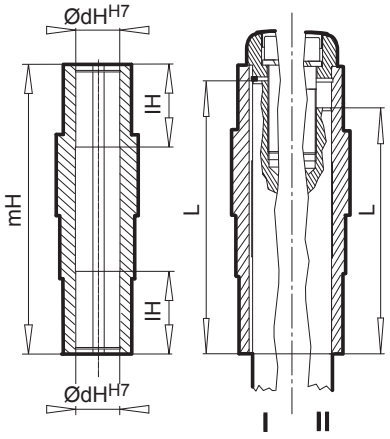


## SK ... AFVL

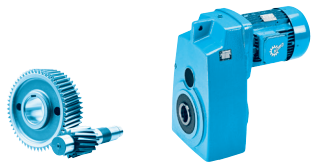
⇨ 🕮 A38




## SK ... AF(B)VL



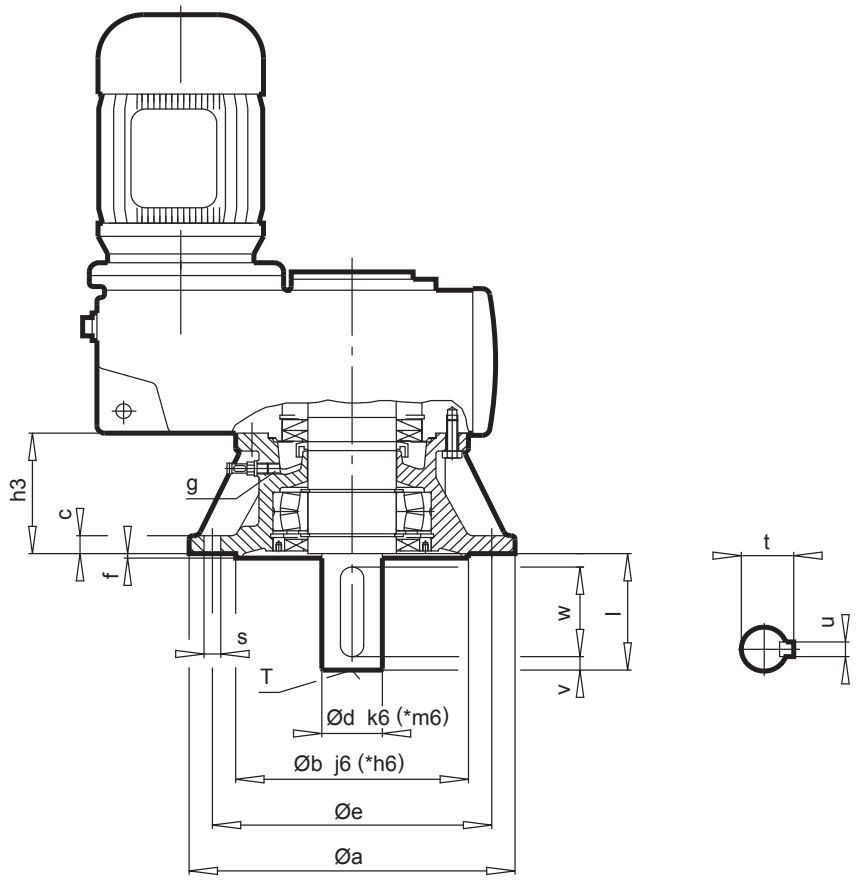

| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | dH | uH | tH | mH | dH H7 | lH | L I | L II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 AF..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 30 | 8 | 33,3 | 180 | 30 | 40 | 173,5 | 158 |
| **SK 2282 AF..**<br>**SK 2382 AF..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 14 | M12 x 1,5 | 35 | 10 | 38,3 | 208 | 35 | 50 | 200,25 | 179 |
| **SK 3282 AF..**<br>**SK 3382 AF..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 40 | 12 | 43,3 | 246 | 40 | 58 | 236 | 212 |
| **SK 4282 AF..**<br>**SK 4382 AF..** | 300 | 230 | 20 | 265 | 4,0 | 113 | 4 x 14 | M12 x 1,5 | 50 | 14 | 53,8 | 290 | 50 | 65 | 279,5 | 255 |
| **SK 5282 AF..**<br>**SK 5382 AF..** | 350 | *250 | 20 | 300 | 5,0 | 135 | 4 x 18 | M12 x 1,5 | 60 | 18 | 64,4 | 348 | 60 | 79 | 336 | 303 |
| **SK 6282 AF..**<br>**SK 6382 AF..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | 70 | 20 | 74,9 | 437 | 70 | 120 | 425 | 392 |
| **SK 7282 AF..**<br>**SK 7382 AF..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | 80 | 22 | 85,4 | 477 | 80 | 126 | 464 | 417 |
| **SK 8282 AF..**<br>**SK 8382 AF..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | 100 | 28 | 106,4 | 556 | 100 | 154 | 542 | 500 |
| **SK 9282 AF..**<br>**SK 9382 AF..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | 120 | 32 | 127,4 | 668 | 120 | 186 | 653 | 608 |





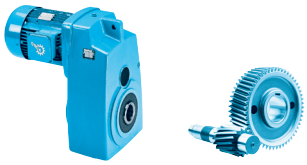
## SK ... VFVL

⇨ 🕮 A38



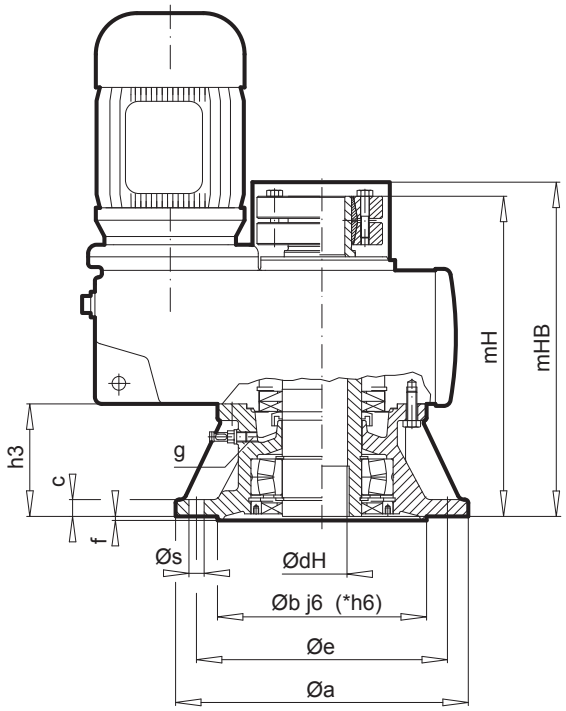


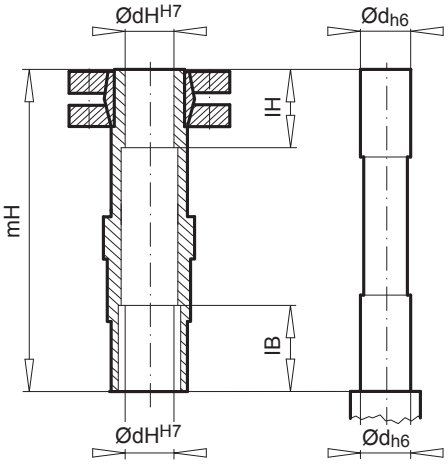

| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | d | l | t | u | v | w | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 VF..<br>SK 1382 VF..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 30 | 60 | 33,0 | 8 | 5 | 50 | M10 |
| **SK 2282 VF..<br>SK 2382 VF..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 14 | M12 x 1,5 | 35 | 70 | 38,0 | 10 | 5 | 60 | M12 |
| **SK 3282 VF..<br>SK 3382 VF..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 45 | 90 | 48,5 | 14 | 5 | 80 | M16 |
| **SK 4282 VF..<br>SK 4382 VF..** | 300 | 230 | 20 | 265 | 4,0 | 113 | 4 x 14 | M12 x 1,5 | *55 | 110 | 59,0 | 16 | 10 | 90 | M20 |
| **SK 5282 VF..<br>SK 5382 VF..** | 350 | *250 | 20 | 300 | 5,0 | 135 | 4 x 18 | M12 x 1,5 | *65 | 130 | 69,0 | 18 | 15 | 100 | M20 |
| **SK 6282 VF..<br>SK 6382 VF..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | *75 | 140 | 79,5 | 20 | 7,5 | 125 | M20 |
| **SK 7282 VF..<br>SK 7382 VF..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | *90 | 170 | 95,0 | 25 | 15 | 140 | M24 |
| **SK 8282 VF..<br>SK 8382 VF..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | *110 | 210 | 116,0 | 28 | 15 | 180 | M24 |
| **SK 9282 VF..<br>SK 9382 VF..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | *140 | 250 | 148,0 | 36 | 25 | 200 | M24 |
| **SK 10382.1 VF..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | *160 | 300 | 169,0 | 40 | 25 | 250 | M24 |
| **SK 11382.1 VF..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | *180 | 300 | 190,0 | 45 | 25 | 250 | M24 |



## SK ... AFSVL

⇨ 🕮 A38

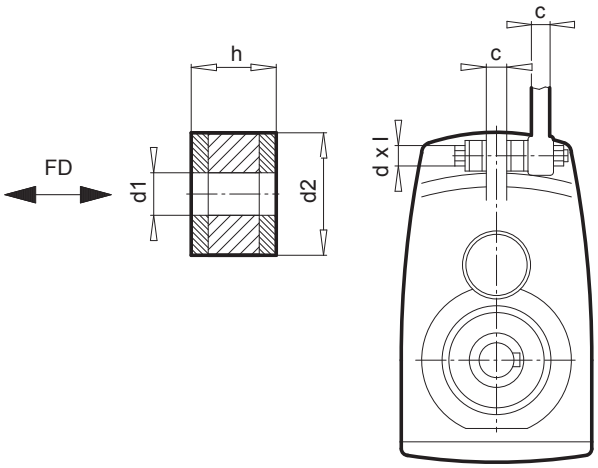


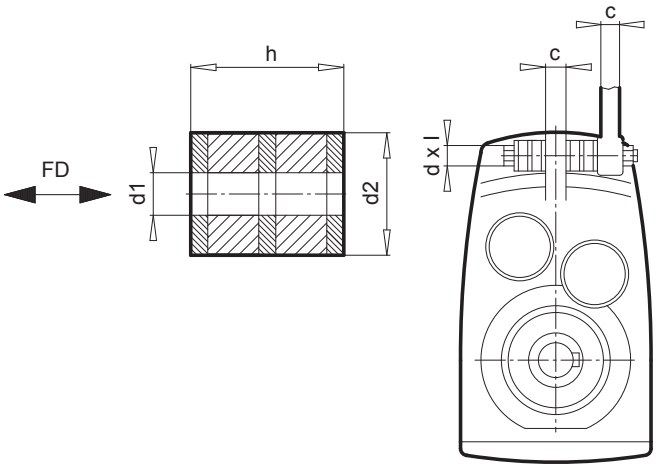



| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | dH / d | mH | mHB | lB | lH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 1282 AFS..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 30 | 220 | 232 | 31 | 40 |
| **SK 2282 AFS..**<br>**SK 2382 AFS..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 14 | M12 x 1,5 | 35 | 264 | 283 | 41 | 45 |
| **SK 3282 AFS..**<br>**SK 3382 AFS..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 40 | 297 | 316 | 41 | 55 |
| **SK 4282 AFS..**<br>**SK 4382 AFS..** | 300 | 230 | 20 | 265 | 4,0 | 113 | 4 x 14 | M12 x 1,5 | 50 | 356 | 371 | 51 | 55 |
| **SK 5282 AFS..**<br>**SK 5382 AFS..** | 350 | *250 | 20 | 300 | 5,0 | 135 | 4 x 18 | M12 x 1,5 | 60 | 413 | 435,5 | 60 | 70 |
| **SK 6282 AFS..**<br>**SK 6382 AFS..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | 70 | 517 | 538 | 71 | 85 |
| **SK 7282 AFS..**<br>**SK 7382 AFS..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | 80 | 562 | 580 | 81 | 90 |
| **SK 8282 AFS..**<br>**SK 8382 AFS..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | 100 | 645 | 670 | 71 | 95 |
| **SK 9282 AFS..**<br>**SK 9382 AFS..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | 125 | 773 | 794 | 82 | 110 |
| **SK 10382.1 AFS..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | 160 | 884 | 967 | 122 | 130 |
| **SK 11382.1 AFS..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | 180 | 958 | 997 | 101 | 110 |

## SK ... ..G ⇨ 🕮 A29



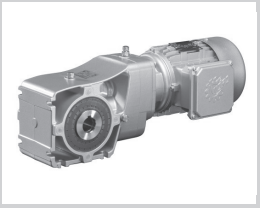

## SK ... .VG ⇨ 🕮 A29






| ⇨ 🕮 A61 | d1 | d2 | h | c | d x l | FD [kN] | $s_{FD}$ [mm] |
|---|---|---|---|---|---|---|---|
| SK 1282 ..G | 11,0 | 30 | 15 | 14 | M10 x 80 | 1,79 | 2,8 |
| SK 2282 ..G<br>SK 2382 ..G | 12,5 | 40 | 15 | 16 | M12 x 90 | 2,67 | 1,8 |
| SK 3282 ..G<br>SK 3382 ..G | 12,5 | 40 | 15 | 18 | M12 x 90 | 4,16 | 2,9 |
| SK 4282 ..G<br>SK 4382 ..G | 21,0 | 60 | 30 | 22 | M20 x 150 | 7,39 | 7,3 |
| SK 5282 ..G<br>SK 5382 ..G | 21,0 | 60 | 30 | 28 | M20 x 150 | 9,49 | 9,4 |
| SK 6282 ..G<br>SK 6382 ..G | 25,0 | 80 | 40 | 35 | M24 x 190 | 16,81 | 9,2 |
| SK 7282 ..G<br>SK 7382 ..G | 25,0 | 80 | 40 | 40 | M24 x 200 | 20,80 | 11,4 |
| SK 8282 ..G<br>SK 8382 ..G | 31,0 | 100 | 50 | 50 | M30 x 260 | 28,39 | 16,3 |
| SK 9282 ..G<br>SK 9382 ..G | 31,0 | 100 | 50 | 55 | M30 x 260 | 43,49 | 24,9 |

| ⇨ 🕮 A61 | d1 | d2 | h | c | d x l | FD [kN] | $s_{FD}$ [mm] |
|---|---|---|---|---|---|---|---|
| SK 7282 ..VG<br>SK 7382 ..VG | 25,0 | 85 | 60 | 40 | M24 x 240 | 20,80 | 12,2 |
| SK 8282 ..VG<br>SK 8382 ..VG | 31,0 | 110 | 90 | 50 | M30 x 340 | 28,39 | 19,3 |
| SK 9282 ..VG<br>SK 9382 ..VG | 31,0 | 140 | 110 | 55 | M30 x 380 | 43,49 | 21,2 |
| SK 10382.1 ..VG | 31,0 | 140 | 110 | 80 | M30 x 430 | 56,36 | 27,4 |
| SK 11382.1 ..VG | 49,0 | 180 | 150 | 90 | M48 x 550 | 80,89 | 38,5 |



**ENQUIRY FORM** . . . . . E - 2

**AVAILABLE VERSIONS** . . . . . E - 3

**GEAR UNITMOTOR DATA**

Power and speed tables . . . . . E - 4

Power and speed tables, W- and IEC adapters . . . . . E - 44

**DIMENSIONED DRAWINGS**

Bevel geared motors . . . . . E - 60

Bevel gear units, W- and IEC adapters . . . . . E - 116

**OPTIONS**

**VZ** Solid shaft with B14 flange . . . . . E - 133

**VXZ / AXZ** Foot-mounted housing with B14 flange . . . . . E - 134

**VXF / AXF** Foot-mounted housing with B5 flange . . . . . E - 135

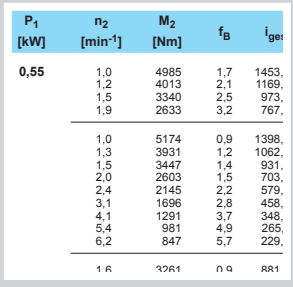
**AZVSH** Hollow shaft, reinforced shrink disk with cover . . . . . E - 136

**AXZH** Cover as a touch guard . . . . . E - 137

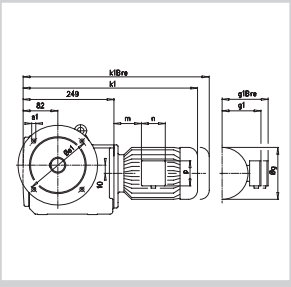
**AZH / AXH** Cover as a touch guard . . . . . E - 137

**VL2 / VL3** Agitator version . . . . . E - 138

**AZ ..** Hollow shaft version - threaded holes . . . . . E - 141



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ |
|---|---|---|---|---|
| 0,55 | 1,0 | 4985 | 1,7 | 1453, |
| | 1,2 | 4013 | 2,1 | 1169, |
| | 1,5 | 3340 | 2,5 | 973, |
| | 1,9 | 2633 | 3,2 | 767, |
| | 1,0 | 5174 | 0,9 | 1398, |
| | 1,3 | 3931 | 1,2 | 1062, |
| | 1,5 | 3447 | 1,4 | 931, |
| | 2,0 | 2603 | 1,5 | 703, |
| | 2,4 | 2145 | 2,2 | 579, |
| | 3,1 | 1696 | 2,8 | 458, |
| | 4,1 | 1291 | 3,7 | 348, |
| | 5,4 | 981 | 4,9 | 265, |
| | 6,2 | 847 | 5,7 | 229, |
| | 1,6 | 3261 | 0,9 | 881 |



# Enquiry form

DRIVESYSTEMS

This general enquiry form can be found in the attachment as well as on the **NORD** homepage under **www.nord.com** - Heading DOCUMENTATION / FORMS.

## General enquiry form


NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Tel.: +49(0) 4532/401-0
Fax: +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com


Company | Street | Town | Post-code | Contact | Tel.: | Fax: | Email | Customer No. | Application | Project

**Components required**

◯ Gear unit motor | ◯ IEC – Gear unit motor | ◯ Gear unit with free shaft end | ◯ Stand-alone motor

Quantity | Type

| Parameters specific to the gear unit | | | |
|---|---|---|---|
| Version | | Gear ratio | |
| Flange ◯ B14 ◯ B5 ø | | | [mm] |
| ◯ Hollow shaft ◯ Solid shaft ø | | x | [mm] |
| Output speed at mains frequency $n_2$ | | | [min$^{-1}$] |
| Output torque $M_2$ | | | [Nm] |
| Min. operating factor $f_b$ | | | |
| Min. bearing life Lh | | | [h] |
| Radial forces on output shaft $F_{R2}$ | | | [N] |
| Axial forces on output shaft $F_{A2}$ | | | [N] |
| Dist. from shaft collar to point of action of force | | | [mm] |

**Parameters specific to gear unit**

Bearings ◯ Normal ◯ VL ◯ VL2 ◯ VL3 ◯ AL

For bevel gear or worm gear units Shaft at ◯ A ◯ B

Oil type ◯ Mineral ◯ Synthetic ◯ Foodstuff-compatible oil ◯ Special oil type

**Parameters specific to motor**

Effective motor power [kW]

Motor speed $n_1$ [min$^{-1}$]

Temperature sensor (PTC) ◯ Bi-metal temperature monitor ◯

Mains voltage [V] +/- [%]

Mains frequency [Hz]

Page 1 of 2

◯ Control cabinet inverter ◯ Motor-mounted inverter

Adjustment range from [Hz] to [Hz]

☐ Constant torque within adjustment range [Nm]

☐ External fan

☐ Increase in motor size (with constant torque)

☐ Positioning ◯ Incremental ◯ Absolute

☐ Speed feedback

☐ Generator operation for power feedback [kW]

☐ Bus system- type of bus system

☐ Control via ◯ PC ◯ Control box

**Outline conditions**

Ambient temperatures from [°C]

☐ Buffer mounting for travelling drives [Nm]

☐ Relative humidity [%]

☐ Exposure to direct sunlight

☐ Aggressive media (e.g.: salty air)

☐ Increased installation altitude [m]

☐ Precipitation

☐ ATEX (explosive mixtures in the vicinity) Zone

**Painting**

◯ Not painted

◯ Paint 1.0 - Primer

◯ Paint 2.0 - standard

◯ Paint 3.0 - normal environmental contamination

◯ Paint 3.1 - moderate environmental contamination

◯ Paint 3.2 - severe environmental contamination

◯ Other painting (e.g.: Z, 3.4 or 3.5)

☐ Special colour (Standard RAL7031) RAL

☐ Regulations DIN EN, etc., please state

**General conditions**

Quote by

Purchasing conditions known ◯ not known ◯

Purchasing conditions attached ☐

Delivery time after receipt of order

Delivery carriage paid ☐

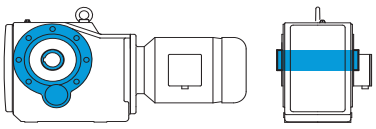
Comments

Page 2 of 2

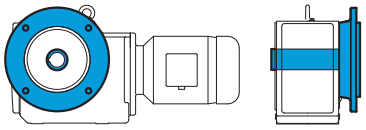
## Examples: Available versions - bevel geared motor

### With hollow shaft

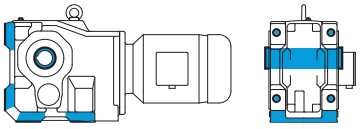
**SK 9032.1 AZ - 90 SP/4**
Hollow shaft, B14 flange at A and B, three-stage,



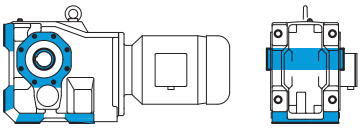
**SK 9032.1 AF - 90 SP/4**
Hollow shaft, B5 flange at A, three-stage,



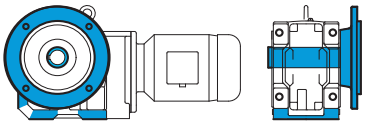
**SK 9032.1 AX - 90 LP/4**
Foot-mounted housing, hollow shaft, three-stage,



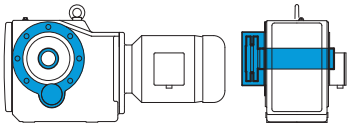
**SK 9032.1 AXZ - 90 LP/4**
Foot-mounted housing, hollow shaft shaft, B14 flange at A and B, three-stage,



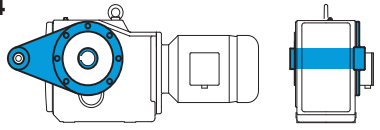
**SK 9032.1 AXF - 90 LP/4**
Foot-mounted housing, hollow shaft shaft, B5 flange at A, three-stage,



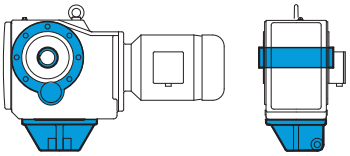
**SK 9032.1 AZSH - 90 LP/4**
**Hollow shaft, B14 flange at A and B, shrink disk at B, three-stage,**



**SK 9032.1 AZD - 90 LP/4**
Hollow shaft, torque support at A, three-stage,

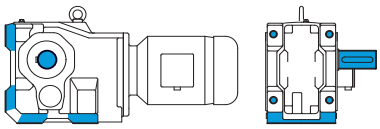


**SK 9032.1 AZK - 90 LP/4**
Hollow shaft, torque bracket, three-stage,

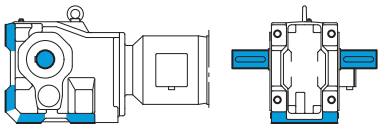


### With solid shaft

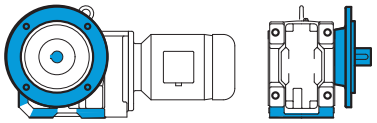
**SK 9032.1 - 90 SP/4**
Foot-mounted housing, Solid shaft at A, three-stage



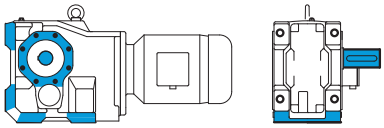
**SK 9032.1 LX - 90 SP/4**
Foot-mounted housing, Solid shaft at A and B, three-stage



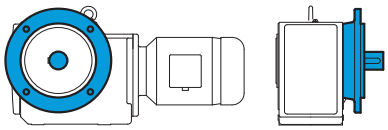
**SK 9032.1 VXF - 90 LP/4**
Foot-mounted housing, Solid shaft at A and B, B5 flange, three-stage,



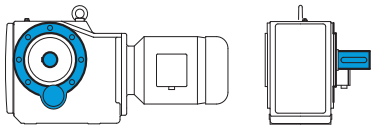
**SK 9032.1 VXZ - 90 LP/4**
Foot-mounted housing, Solid shaft at A, B14 flange at A and B, three-stage,



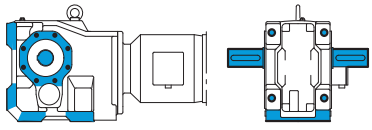
**SK 9032.1 VF - 90 LP/4**
Solid shaft at A, B5 flange at A, three-stage,



**SK 9032.1 VZ - 90 LP/4**
Solid shaft at A, B14 flange at A and B, solid shaft, three-stage,

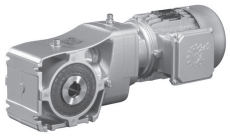


**SK 9032.1 LXZ - 90 LP/4**
Foot-mounted housing, Solid shaft at A and B, B14 flange at A and B, three-stage,



# 0,12 kW

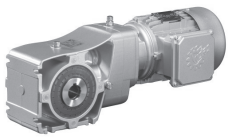
IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 1,0 | 1169 | 1,3 | 1361,37 | 11,6 | 14,5 | 15,0 | 30,0 | **SK 9033.1 - 63 S/4** | 70 | E94-95 |
| | 1,2 | 987 | 1,6 | 1149,80 | 12,8 | 14,5 | 15,0 | 30,0 | | | |
| | 1,5 | 750 | 2,1 | 873,65 | 13,9 | 14,5 | 15,0 | 30,0 | | | |
| | 1,9 | 594 | 2,6 | 691,55 | 14,4 | 14,5 | 15,0 | 30,0 | | | |
| | 2,5 | 463 | 3,3 | 539,10 | 14,7 | 14,5 | 15,0 | 30,0 | | | |
| | 1,2 | 962 | 0,9 | 1120,38 | 0,1 | 12,0 | 7,7 | 25,0 | **SK 9023.1 - 63 S/4** | 47 | E90-91 |
| | 1,4 | 817 | 1,1 | 951,94 | 3,2 | 12,0 | 9,5 | 25,0 | | | |
| | 1,8 | 647 | 1,3 | 753,86 | 6,3 | 12,0 | 10,9 | 25,0 | | | |
| | 2,0 | 582 | 1,5 | 678,31 | 7,0 | 12,0 | 11,4 | 25,0 | | | |
| | 2,4 | 482 | 1,8 | 561,55 | 7,8 | 12,0 | 11,9 | 25,0 | | | |
| | 2,8 | 406 | 2,1 | 472,43 | 8,3 | 12,0 | 12,0 | 25,0 | | | |
| | 3,9 | 291 | 3,0 | 339,41 | 8,9 | 12,0 | 12,0 | 25,0 | | | |
| | 3,1 | 367 | 2,2 | 276,86 | 8,6 | 12,0 | 12,0 | 25,0 | **SK 9022.1 - 63 L/6** | 42 | E88-89 |
| | 1,1 | *762 | 0,8 | 1256,07 | 5,2 | 20,0 | 9,0 | 20,0 | **SK 9017.1 - 63 S/4** | 40 | E86-87 |
| | 2,1 | 540 | 1,1 | 629,56 | 7,9 | 20,0 | 9,0 | 20,0 | | | |
| | 2,4 | 479 | 1,3 | 558,25 | 8,4 | 20,0 | 9,0 | 20,0 | | | |
| | 2,7 | 423 | 1,4 | 493,12 | 8,8 | 20,0 | 9,0 | 20,0 | | | |
| | 3,6 | 315 | 1,9 | 367,33 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 3,1 | 368 | 1,6 | 277,84 | 9,0 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 63 L/6** | 35 | E84-85 |
| | 3,7 | 311 | 1,9 | 234,64 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 4,2 | 273 | 2,2 | 205,93 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 4,8 | 239 | 2,5 | 277,84 | 9,0 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 63 S/4** | 35 | E84-85 |
| | 5,7 | 201 | 2,9 | 234,64 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 1,1 | *500 | 0,8 | 1256,07 | 3,3 | 20,0 | 7,7 | 20,0 | **SK 9013.1 - 63 S/4** | 39 | E82-83 |
| | 1,6 | *500 | 0,8 | 847,07 | 3,3 | 20,0 | 7,7 | 20,0 | | | |
| | 2,0 | *500 | 0,8 | 667,89 | 3,3 | 20,0 | 7,7 | 20,0 | | | |
| | 2,3 | *500 | 0,8 | 589,96 | 3,3 | 20,0 | 7,7 | 20,0 | | | |
| | 3,0 | 377 | 1,1 | 439,46 | 5,4 | 20,0 | 8,8 | 20,0 | | | |
| | 4,2 | 275 | 1,5 | 320,60 | 6,3 | 20,0 | 9,0 | 20,0 | | | |
| | 4,7 | 242 | 1,7 | 281,92 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 6,3 | 183 | 2,2 | 212,83 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 7,5 | 153 | 2,6 | 177,88 | 7,0 | 20,0 | 9,0 | 20,0 | | | |
| | 2,6 | 440 | 0,9 | 332,37 | 4,5 | 20,0 | 8,3 | 20,0 | **SK 9012.1 - 63 L/6** | 34 | E80-81 |
| | 3,1 | 372 | 1,1 | 280,71 | 5,4 | 20,0 | 8,8 | 20,0 | | | |
| | 3,5 | 326 | 1,2 | 246,37 | 5,9 | 20,0 | 9,0 | 20,0 | | | |
| | 4,2 | 273 | 1,5 | 205,93 | 6,3 | 20,0 | 9,0 | 20,0 | | | |
| | 4,0 | 285 | 1,4 | 332,37 | 6,3 | 20,0 | 9,0 | 20,0 | **SK 9012.1 - 63 S/4** | 34 | E80-81 |
| | 4,8 | 241 | 1,7 | 280,71 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 5,4 | 211 | 1,9 | 246,37 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 6,5 | 177 | 2,3 | 205,93 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 8,0 | 143 | 2,8 | 166,59 | 7,0 | 20,0 | 9,0 | 20,0 | | | |
| | 9,5 | 121 | 3,3 | 140,70 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 11 | 106 | 3,8 | 123,48 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 14 | 84 | 4,8 | 97,36 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 16 | 74 | 5,4 | 86,00 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 17 | 66 | 6,1 | 76,53 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 21 | 54 | 7,4 | 62,74 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 24 | 47 | 8,4 | 55,17 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 27 | 42 | 9,5 | 48,95 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 32 | 36 | 11,2 | 41,65 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 38 | 30 | 13,4 | 34,81 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 42 | 27 | 14,8 | 31,45 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 48 | 24 | 16,9 | 27,65 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 54 | 21 | 19,0 | 24,53 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 64 | 18 | 22,3 | 20,87 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 77 | 15 | 25,4 | 17,45 | 7,3 | 19,3 | 9,0 | 19,3 | | | |
| | 87 | 13 | 28,9 | 15,30 | 7,3 | 18,6 | 9,0 | 18,6 | | | |
| | 109 | 10 | 21,0 | 12,23 | 7,3 | 17,4 | 9,0 | 17,4 | | | |
| | 123 | 9 | 21,5 | 10,85 | 7,3 | 16,8 | 9,0 | 16,8 | | | |
| | 145 | 8 | 24,6 | 9,23 | 7,3 | 16,0 | 9,0 | 16,0 | | | |
| | 165 | 7 | 25,9 | 8,09 | 7,3 | 15,4 | 9,0 | 15,4 | | | |

*** Maximum output torque with $f_B$ = 0,8**



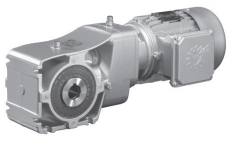
IE1 Standard

# 0,12 kW
# 0,18 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 24 | 48 | 3,3 | 55,49 | 6,6 | 15,0 | - | - | **SK 92372.1 - 63 S/4** | 16 | E64-65 |
| | 27 | 42 | 3,3 | 49,46 | 6,6 | 15,0 | - | - | | | |
| | 19 | 60 | 1,2 | 70,00 | 4,9 | 12,0 | - | - | **SK 92172.1 - 63 S/4** | 11 | E62-63 |
| | 21 | 55 | 1,2 | 63,78 | 4,9 | 12,0 | - | - | | | |
| | 24 | 48 | 1,2 | 56,00 | 4,9 | 12,0 | - | - | | | |
| | 29 | 40 | 2,3 | 46,43 | 4,9 | 12,0 | - | - | | | |
| | 32 | 36 | 2,8 | 42,30 | 4,9 | 12,0 | - | - | | | |
| | 34 | 33 | 2,8 | 38,75 | 4,9 | 12,0 | - | - | | | |
| | 36 | 32 | 2,8 | 37,14 | 4,9 | 12,0 | - | - | | | |
| | 38 | 30 | 3,6 | 35,31 | 4,9 | 12,0 | - | - | | | |
| | 43 | 27 | 4,1 | 31,00 | 4,9 | 12,0 | - | - | | | |
| | 47 | 24 | 4,5 | 28,24 | 4,9 | 12,0 | - | - | | | |
| | 47 | 24 | 4,5 | 28,24 | 4,9 | 12,0 | - | - | | | |
| | 54 | 21 | 5,6 | 24,80 | 4,9 | 12,0 | - | - | | | |
| | 54 | 21 | 5,6 | 24,80 | 4,9 | 12,0 | - | - | | | |
| | 65 | 18 | 5,9 | 20,67 | 4,9 | 12,0 | - | - | | | |
| | 65 | 18 | 5,9 | 20,67 | 4,9 | 12,0 | - | - | | | |
| | 88 | 13 | 7,1 | 15,23 | 4,9 | 12,0 | - | - | | | |
| | 96 | 12 | 9,1 | 13,87 | 4,9 | 12,0 | - | - | | | |
| | 22 | 53 | 1,1 | 61,88 | 5,0 | 9,0 | - | - | **SK 92072.1 - 63 S/4** | 9,5 | E60-61 |
| | 25 | 46 | 1,1 | 53,78 | 5,0 | 9,0 | - | - | | | |
| | 28 | 41 | 1,1 | 47,67 | 5,0 | 9,0 | - | - | | | |
| | 33 | 35 | 1,7 | 40,98 | 5,0 | 9,0 | - | - | | | |
| | 37 | 31 | 2,1 | 35,62 | 5,0 | 9,0 | - | - | | | |
| | 42 | 27 | 2,4 | 31,57 | 5,0 | 9,0 | - | - | | | |
| | 49 | 23 | 2,8 | 27,16 | 5,0 | 9,0 | - | - | | | |
| | 55 | 21 | 3,8 | 24,07 | 5,0 | 9,0 | - | - | | | |
| | 64 | 18 | 4,5 | 20,80 | 5,0 | 9,0 | - | - | | | |
| | 72 | 16 | 3,8 | 18,52 | 5,0 | 9,0 | - | - | | | |
| | 83 | 14 | 4,8 | 16,00 | 5,0 | 9,0 | - | - | | | |
| | 104 | 11 | 5,4 | 12,78 | 5,0 | 9,0 | - | - | | | |
| | 120 | 10 | 6,8 | 11,11 | 5,0 | 9,0 | - | - | | | |
| | 136 | 8 | 9,0 | 9,85 | 5,0 | 9,0 | - | - | | | |
| | 154 | 7 | 9,9 | 8,67 | 5,0 | 9,0 | - | - | | | |
| | 176 | 7 | 11,1 | 7,58 | 5,0 | 9,0 | - | - | | | |
| | 200 | 6 | 11,9 | 6,67 | 5,0 | 9,0 | - | - | | | |
| | 229 | 5 | 14,4 | 5,83 | 5,0 | 9,0 | - | - | | | |
| | 258 | 4 | 15,1 | 5,17 | 4,8 | 9,0 | - | - | | | |
| | 287 | 4 | 16,3 | 4,65 | 4,6 | 8,8 | - | - | | | |
| | 336 | 3 | 19,9 | 3,97 | 4,4 | 8,4 | - | - | | | |
| | 373 | 3 | 21,5 | 3,58 | 4,3 | 8,1 | - | - | | | |
| 0,18 | 1,0 | 1721 | 0,9 | 1361,37 | 4,5 | 14,5 | 15,0 | 30,0 | **SK 9033.1 - 63 L/4** | 70 | E94-95 |
| | 1,2 | 1453 | 1,1 | 1149,80 | 9,0 | 14,5 | 15,0 | 30,0 | | | |
| | 1,6 | 1104 | 1,4 | 873,65 | 12,1 | 14,5 | 15,0 | 30,0 | | | |
| | 2,0 | 874 | 1,8 | 691,55 | 13,3 | 14,5 | 15,0 | 30,0 | | | |
| | 2,5 | 681 | 2,3 | 539,10 | 14,1 | 14,5 | 15,0 | 29,2 | | | |
| | 3,4 | 504 | 3,1 | 398,77 | 14,6 | 14,5 | 15,0 | 27,2 | | | |
| | 3,9 | 445 | 3,5 | 352,25 | 14,8 | 14,5 | 15,0 | 26,4 | | | |
| | 5,1 | 338 | 4,6 | 267,65 | 15,0 | 14,5 | 15,0 | 24,6 | | | |
| | 1,8 | 953 | 0,9 | 753,86 | 0,1 | 12,0 | 7,9 | 25,0 | **SK 9023.1 - 63 L/4** | 47 | E90-91 |
| | 2,0 | 857 | 1,0 | 678,31 | 1,4 | 12,0 | 9,1 | 25,0 | | | |
| | 2,4 | 710 | 1,2 | 561,55 | 5,4 | 12,0 | 10,5 | 25,0 | | | |
| | 2,9 | 597 | 1,4 | 472,43 | 6,8 | 12,0 | 11,3 | 25,0 | | | |
| | 4,0 | 429 | 2,0 | 339,41 | 8,2 | 12,0 | 12,0 | 25,0 | | | |
| | 4,6 | 376 | 2,3 | 297,67 | 8,5 | 12,0 | 12,0 | 24,6 | | | |
| | 3,3 | 523 | 1,5 | 276,86 | 7,5 | 12,0 | 11,7 | 25,0 | **SK 9022.1 - 71 S/6** | 43 | E88-89 |
| | 2,2 | 796 | 0,8 | 629,56 | 4,5 | 20,0 | 9,0 | 20,0 | **SK 9017.1 - 63 L/4** | 40 | E86-87 |
| | 2,4 | 706 | 0,9 | 558,25 | 6,1 | 20,0 | 9,0 | 20,0 | | | |
| | 2,8 | 623 | 1,0 | 493,12 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 3,7 | 464 | 1,3 | 367,33 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 5,1 | 339 | 1,8 | 267,99 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 5,8 | 298 | 2,0 | 235,64 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 7,6 | 225 | 2,5 | 177,89 | 9,0 | 20,0 | 9,0 | 20,0 | | | |

# 0,18 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,18 | 3,3 | 525 | 1,1 | 277,84 | 8,0 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 71 S/6** | 36 | E84-85 |
| | 3,9 | 443 | 1,3 | 234,64 | 8,6 | 20,0 | 9,0 | 20,0 | | | |
| | 4,4 | 389 | 1,6 | 205,93 | 8,9 | 20,0 | 9,0 | 20,0 | | | |
| | 4,9 | 351 | 1,7 | 277,84 | 9,0 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 63 L/4** | 35 | E84-85 |
| | 5,8 | 297 | 2,0 | 234,64 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 6,6 | 260 | 2,3 | 205,93 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 4,2 | 405 | 1,0 | 320,60 | 5,0 | 20,0 | 8,6 | 20,0 | **SK 9013.1 - 63 L/4** | 39 | E82-83 |
| | 4,8 | 356 | 1,1 | 281,92 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 6,4 | 269 | 1,5 | 212,83 | 6,4 | 20,0 | 9,0 | 20,0 | | | |
| | 7,6 | 225 | 1,8 | 177,88 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 9,6 | 179 | 2,2 | 141,29 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 3,2 | 530 | 0,8 | 280,71 | 2,3 | 20,0 | 7,3 | 20,0 | **SK 9012.1 - 71 S/6** | 35 | E80-81 |
| | 3,7 | 465 | 0,9 | 246,37 | 4,1 | 20,0 | 8,0 | 20,0 | | | |
| | 4,4 | 389 | 1,0 | 205,93 | 5,2 | 20,0 | 8,7 | 20,0 | | | |
| | 4,1 | 420 | 1,0 | 332,37 | 4,8 | 20,0 | 8,4 | 20,0 | **SK 9012.1 - 63 L/4** | 34 | E80-81 |
| | 4,8 | 355 | 1,1 | 280,71 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 5,5 | 311 | 1,3 | 246,37 | 6,1 | 20,0 | 9,0 | 20,0 | | | |
| | 6,6 | 260 | 1,5 | 205,93 | 6,4 | 20,0 | 9,0 | 20,0 | | | |
| | 8,2 | 211 | 1,9 | 166,59 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 9,7 | 178 | 2,2 | 140,70 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 11 | 156 | 2,6 | 123,48 | 7,0 | 20,0 | 9,0 | 20,0 | | | |
| | 14 | 123 | 3,3 | 97,36 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 16 | 109 | 3,7 | 86,00 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 18 | 97 | 4,1 | 76,53 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 79 | 5,0 | 62,74 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 25 | 70 | 5,7 | 55,17 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 28 | 62 | 6,5 | 48,95 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 33 | 53 | 7,6 | 41,65 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 39 | 44 | 9,1 | 34,81 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 43 | 40 | 10,1 | 31,45 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 49 | 35 | 11,4 | 27,65 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 55 | 31 | 12,9 | 24,53 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 65 | 26 | 15,2 | 20,87 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 78 | 22 | 17,2 | 17,45 | 7,3 | 19,1 | 9,0 | 19,1 | | | |
| | 89 | 19 | 19,6 | 15,30 | 7,3 | 18,4 | 9,0 | 18,4 | | | |
| | 111 | 15 | 14,2 | 12,23 | 7,3 | 17,2 | 9,0 | 17,2 | | | |
| | 125 | 14 | 14,6 | 10,85 | 7,3 | 16,7 | 9,0 | 16,7 | | | |
| | 147 | 12 | 16,7 | 9,23 | 7,3 | 15,9 | 9,0 | 15,9 | | | |
| | 168 | 10 | 17,6 | 8,09 | 7,3 | 15,3 | 9,0 | 15,3 | | | |
| | 25 | 70 | 2,3 | 55,49 | 6,6 | 15,0 | - | - | **SK 92372.1 - 63 L/4** | 17 | E64-65 |
| | 27 | 63 | 2,3 | 49,46 | 6,6 | 15,0 | - | - | | | |
| | 29 | 59 | 3,1 | 46,64 | 6,6 | 15,0 | - | - | | | |
| | 33 | 52 | 3,5 | 41,46 | 6,6 | 15,0 | - | - | | | |
| | 19 | 88 | 0,8 | 70,00 | 4,8 | 12,0 | - | - | **SK 92172.1 - 63 L/4** | 12 | E62-63 |
| | 21 | 81 | 0,8 | 63,78 | 4,8 | 12,0 | - | - | | | |
| | 24 | 71 | 0,8 | 56,00 | 4,8 | 12,0 | - | - | | | |
| | 29 | 59 | 1,6 | 46,43 | 4,9 | 12,0 | - | - | | | |
| | 32 | 53 | 1,9 | 42,30 | 4,9 | 12,0 | - | - | | | |
| | 35 | 49 | 1,9 | 38,75 | 4,9 | 12,0 | - | - | | | |
| | 37 | 47 | 1,9 | 37,14 | 4,9 | 12,0 | - | - | | | |
| | 39 | 45 | 2,4 | 35,31 | 4,9 | 12,0 | - | - | | | |
| | 44 | 39 | 2,8 | 31,00 | 4,9 | 12,0 | - | - | | | |
| | 48 | 36 | 3,0 | 28,24 | 4,9 | 12,0 | - | - | | | |
| | 55 | 31 | 3,8 | 24,80 | 4,9 | 12,0 | - | - | | | |
| | 66 | 26 | 4,0 | 20,67 | 4,9 | 12,0 | - | - | | | |
| | 89 | 19 | 4,8 | 15,23 | 4,9 | 12,0 | - | - | | | |
| | 98 | 18 | 6,2 | 13,87 | 4,9 | 12,0 | - | - | | | |
| | 22 | 78 | 0,8 | 61,88 | 5,0 | 9,0 | - | - | **SK 92072.1 - 63 L/4** | 10 | E60-61 |
| | 25 | 68 | 0,8 | 53,78 | 5,0 | 9,0 | - | - | | | |
| | 29 | 60 | 0,8 | 47,67 | 5,0 | 9,0 | - | - | | | |
| | 33 | 52 | 1,1 | 40,98 | 5,0 | 9,0 | - | - | | | |
| | 38 | 45 | 1,4 | 35,62 | 5,0 | 9,0 | - | - | | | |
| | 43 | 40 | 1,6 | 31,57 | 5,0 | 9,0 | - | - | | | |
| | 50 | 34 | 1,9 | 27,16 | 5,0 | 9,0 | - | - | | | |



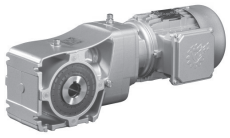
IE1 Standard

# 0,18 kW
# 0,25 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,18** | 56 | 30 | 2,6 | 24,07 | 5,0 | 9,0 | - | - | **SK 92072.1 - 63 L/4** | 10 | E60-61 |
| | 65 | 26 | 3,1 | 20,80 | 5,0 | 9,0 | - | - | | | |
| | 73 | 23 | 2,6 | 18,52 | 5,0 | 9,0 | - | - | | | |
| | 85 | 20 | 3,3 | 16,00 | 5,0 | 9,0 | - | - | | | |
| | 106 | 16 | 3,7 | 12,78 | 5,0 | 9,0 | - | - | | | |
| | 122 | 14 | 4,6 | 11,11 | 5,0 | 9,0 | - | - | | | |
| | 138 | 12 | 6,1 | 9,85 | 5,0 | 9,0 | - | - | | | |
| | 157 | 11 | 6,8 | 8,67 | 5,0 | 9,0 | - | - | | | |
| | 180 | 10 | 7,5 | 7,58 | 5,0 | 9,0 | - | - | | | |
| | 204 | 8 | 8,1 | 6,67 | 5,0 | 9,0 | - | - | | | |
| | 233 | 7 | 9,8 | 5,83 | 4,9 | 9,0 | - | - | | | |
| | 263 | 7 | 10,3 | 5,17 | 4,7 | 9,0 | - | - | | | |
| | 292 | 6 | 11,0 | 4,65 | 4,6 | 8,7 | - | - | | | |
| | 342 | 5 | 13,5 | 3,97 | 4,4 | 8,3 | - | - | | | |
| | 380 | 5 | 14,6 | 3,58 | 4,2 | 8,0 | - | - | | | |
| **0,25** | 1,5 | 1612 | 3,0 | 931,87 | 29,5 | 45,0 | 38,0 | 45,0 | **SK 9053.1 - 71 S/4** | 203 | E102-103 |
| | 2,0 | 1218 | 3,3 | 703,83 | 30,0 | 45,0 | 38,0 | 45,0 | | | |
| | 1,2 | 1926 | 1,5 | 1113,24 | 25,3 | 40,0 | 28,0 | 40,0 | **SK 9043.1 - 71 S/4** | 125 | E98-99 |
| | 1,6 | 1525 | 1,8 | 881,60 | 26,4 | 40,0 | 28,0 | 40,0 | | | |
| | 2,1 | 1116 | 2,5 | 645,18 | 27,3 | 40,0 | 28,0 | 40,0 | | | |
| | 2,4 | 983 | 2,8 | 568,04 | 27,5 | 40,0 | 28,0 | 40,0 | | | |
| | 1,2 | 1989 | 0,8 | 1149,80 | 0,2 | 14,5 | 12,6 | 30,0 | **SK 9033.1 - 71 S/4** | 71 | E94-95 |
| | 1,6 | 1511 | 1,0 | 873,65 | 8,3 | 14,5 | 15,0 | 30,0 | | | |
| | 2,0 | 1196 | 1,3 | 691,55 | 11,4 | 14,5 | 15,0 | 29,3 | | | |
| | 2,6 | 933 | 1,7 | 539,10 | 13,1 | 14,5 | 15,0 | 27,9 | | | |
| | 3,5 | 690 | 2,2 | 398,77 | 14,1 | 14,5 | 15,0 | 26,2 | | | |
| | 3,9 | 609 | 2,5 | 352,25 | 14,4 | 14,5 | 15,0 | 25,5 | | | |
| | 5,2 | 463 | 3,3 | 267,65 | 14,7 | 14,5 | 15,0 | 23,9 | | | |
| | 6,4 | 372 | 4,2 | 214,83 | 14,9 | 14,5 | 15,0 | 22,7 | | | |
| | 8,2 | 290 | 5,4 | 167,45 | 15,0 | 14,5 | 15,0 | 21,3 | | | |
| | 4,7 | 512 | 3,0 | 295,85 | 14,6 | 14,5 | 15,0 | 24,5 | **SK 9032.1 - 71 S/4** | 63 | E92-93 |
| | 5,5 | 432 | 3,6 | 249,72 | 14,8 | 14,5 | 15,0 | 23,5 | | | |
| | 2,5 | 972 | 0,9 | 561,55 | 0,1 | 12,0 | 7,6 | 25,0 | **SK 9023.1 - 71 S/4** | 48 | E90-91 |
| | 2,9 | 817 | 1,1 | 472,43 | 3,2 | 12,0 | 9,5 | 25,0 | | | |
| | 4,1 | 587 | 1,5 | 339,41 | 6,9 | 12,0 | 11,3 | 24,4 | | | |
| | 4,6 | 515 | 1,7 | 297,67 | 7,6 | 12,0 | 11,7 | 23,7 | | | |
| | 6,0 | 395 | 1,6 | 228,47 | 8,4 | 12,0 | 12,0 | 22,3 | | | |
| | 3,3 | 718 | 1,1 | 276,86 | 5,3 | 12,0 | 10,4 | 25,0 | **SK 9022.1 - 71 L/6** | 44 | E88-89 |
| | 5,0 | 479 | 1,7 | 276,86 | 7,9 | 12,0 | 11,9 | 23,3 | **SK 9022.1 - 71 S/4** | 43 | E88-89 |
| | 5,9 | 403 | 1,7 | 232,92 | 8,4 | 12,0 | 12,0 | 22,4 | | | |
| | 6,3 | 379 | 2,3 | 219,25 | 8,5 | 12,0 | 12,0 | 22,1 | | | |
| | 7,5 | 319 | 2,7 | 184,46 | 8,8 | 12,0 | 12,0 | 21,2 | | | |
| | 21 | 116 | 4,2 | 66,96 | 10,4 | 25,0 | - | - | **SK 92772.1 - 71 S/4** | 40 | E68-69 |
| | 23 | 103 | 4,2 | 59,68 | 10,4 | 25,0 | - | - | | | |
| | 3,8 | 636 | 1,0 | 367,33 | 7,0 | 20,0 | 9,0 | 20,0 | **SK 9017.1 - 71 S/4** | 41 | E86-87 |
| | 5,1 | 464 | 1,3 | 267,99 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 5,9 | 408 | 1,5 | 235,64 | 8,8 | 20,0 | 9,0 | 20,0 | | | |
| | 7,8 | 308 | 1,9 | 177,89 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 3,3 | 721 | 0,8 | 277,84 | 5,8 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 71 L/6** | 37 | E84-85 |
| | 3,9 | 609 | 1,0 | 234,64 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 4,5 | 534 | 1,1 | 205,93 | 8,0 | 20,0 | 9,0 | 20,0 | | | |
| | 5,0 | 481 | 1,2 | 277,84 | 8,4 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 71 S/4** | 36 | E84-85 |
| | 5,9 | 406 | 1,5 | 234,64 | 8,9 | 20,0 | 9,0 | 20,0 | | | |
| | 6,7 | 356 | 1,7 | 205,93 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 7,5 | 317 | 1,9 | 183,10 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 9,2 | 259 | 2,4 | 149,81 | 9,0 | 20,0 | 9,0 | 20,0 | | | |

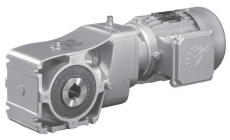
# 0,25 kW

IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,25 | 4,9 | 488 | 0,8 | 281,92 | 3,6 | 20,0 | 7,8 | 20,0 | **SK 9013.1 - 71 S/4** | 40 | E82-83 |
| | 6,5 | 368 | 1,1 | 212,83 | 5,5 | 20,0 | 8,9 | 20,0 | | | |
| | 7,8 | 308 | 1,3 | 177,88 | 6,1 | 20,0 | 9,0 | 20,0 | | | |
| | 9,8 | 244 | 1,6 | 141,29 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 4,9 | 486 | 0,8 | 280,71 | 3,6 | 20,0 | 7,8 | 20,0 | **SK 9012.1 - 71 S/4** | 35 | E80-81 |
| | 5,6 | 426 | 0,9 | 246,37 | 4,7 | 20,0 | 8,4 | 20,0 | | | |
| | 6,7 | 356 | 1,1 | 205,93 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 7,5 | 317 | 1,3 | 183,10 | 6,0 | 20,0 | 9,0 | 20,0 | | | |
| | 8,3 | 288 | 1,4 | 166,59 | 6,2 | 20,0 | 9,0 | 20,0 | | | |
| | 9,8 | 243 | 1,6 | 140,70 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 11 | 214 | 1,9 | 123,48 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 13 | 190 | 2,1 | 109,79 | 6,8 | 20,0 | 9,0 | 20,0 | | | |
| | 14 | 168 | 2,4 | 97,36 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 16 | 149 | 2,7 | 86,00 | 7,0 | 20,0 | 9,0 | 20,0 | | | |
| | 18 | 132 | 3,0 | 76,53 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 109 | 3,7 | 62,74 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 25 | 95 | 4,2 | 55,17 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 28 | 85 | 4,7 | 48,95 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 33 | 72 | 5,6 | 41,65 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 40 | 60 | 6,6 | 34,81 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 44 | 54 | 7,4 | 31,45 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 50 | 48 | 8,4 | 27,65 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 56 | 42 | 9,4 | 24,53 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 66 | 36 | 11,1 | 20,87 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 79 | 30 | 12,6 | 17,45 | 7,3 | 19,0 | 9,0 | 19,0 | | | |
| | 90 | 26 | 14,4 | 15,30 | 7,3 | 18,3 | 9,0 | 18,3 | | | |
| | 113 | 21 | 10,4 | 12,23 | 7,3 | 17,1 | 9,0 | 17,1 | | | |
| | 127 | 19 | 10,7 | 10,85 | 7,3 | 16,5 | 9,0 | 16,5 | | | |
| | 150 | 16 | 12,2 | 9,23 | 7,3 | 15,8 | 9,0 | 15,8 | | | |
| | 171 | 14 | 12,9 | 8,09 | 7,3 | 15,1 | 9,0 | 15,1 | | | |
| | 21 | 116 | 4,2 | 66,96 | 10,4 | 25,0 | - | - | **SK 92772.1 - 71 S/4** | 40 | E68-69 |
| | 23 | 103 | 4,2 | 59,68 | 10,4 | 25,0 | - | - | | | |
| | 28 | 84 | 3,8 | 48,56 | 8,4 | 20,0 | - | - | **SK 92672.1 - 71 S/4** | 30 | E66-67 |
| | 25 | 96 | 1,6 | 55,49 | 6,5 | 15,0 | - | - | **SK 92372.1 - 71 S/4** | 18 | E64-65 |
| | 28 | 86 | 1,6 | 49,46 | 6,5 | 15,0 | - | - | | | |
| | 30 | 81 | 2,3 | 46,64 | 6,5 | 15,0 | - | - | | | |
| | 33 | 72 | 2,6 | 41,46 | 6,6 | 15,0 | - | - | | | |
| | 38 | 64 | 2,9 | 36,80 | 6,6 | 15,0 | - | - | | | |
| | 42 | 57 | 3,5 | 32,80 | 6,6 | 15,0 | - | - | | | |
| | 30 | 80 | 1,2 | 46,43 | 4,8 | 12,0 | - | - | **SK 92172.1 - 71 S/4** | 13 | E62-63 |
| | 33 | 73 | 1,4 | 42,30 | 4,8 | 12,0 | - | - | | | |
| | 36 | 67 | 1,4 | 38,75 | 4,8 | 12,0 | - | - | | | |
| | 37 | 64 | 1,4 | 37,14 | 4,8 | 12,0 | - | - | | | |
| | 39 | 61 | 1,8 | 35,31 | 4,9 | 12,0 | - | - | | | |
| | 45 | 54 | 2,0 | 31,00 | 4,9 | 12,0 | - | - | | | |
| | 49 | 49 | 2,2 | 28,24 | 4,9 | 12,0 | - | - | | | |
| | 56 | 43 | 2,8 | 24,80 | 4,9 | 12,0 | - | - | | | |
| | 67 | 36 | 2,9 | 20,67 | 4,9 | 12,0 | - | - | | | |
| | 91 | 26 | 3,5 | 15,23 | 4,9 | 12,0 | - | - | | | |
| | 99 | 24 | 4,5 | 13,87 | 4,9 | 12,0 | - | - | | | |
| | 34 | 71 | 0,8 | 40,98 | 5,0 | 9,0 | - | - | **SK 92072.1 - 71 S/4** | 11 | E60-61 |
| | 39 | 62 | 1,1 | 35,62 | 5,0 | 9,0 | - | - | | | |
| | 44 | 55 | 1,2 | 31,57 | 5,0 | 9,0 | - | - | | | |
| | 51 | 47 | 1,4 | 27,16 | 5,0 | 9,0 | - | - | | | |
| | 57 | 42 | 1,9 | 24,07 | 5,0 | 9,0 | - | - | | | |
| | 66 | 36 | 2,3 | 20,80 | 5,0 | 9,0 | - | - | | | |
| | 75 | 32 | 1,9 | 18,52 | 5,0 | 9,0 | - | - | | | |
| | 86 | 28 | 2,4 | 16,00 | 5,0 | 9,0 | - | - | | | |
| | 108 | 22 | 2,7 | 12,78 | 5,0 | 9,0 | - | | | | |
| | 124 | 19 | 3,4 | 11,11 | 5,0 | 9,0 | - | - | | | |
| | 140 | 17 | 4,5 | 9,85 | 5,0 | 9,0 | - | - | | | |
| | 159 | 15 | 4,9 | 8,67 | 5,0 | 9,0 | - | - | | | |
| | 182 | 13 | 5,5 | 7,58 | 5,0 | 9,0 | - | - | | | |
| | 207 | 12 | 5,9 | 6,67 | 5,0 | 9,0 | - | - | | | |
| | 237 | 10 | 7,1 | 5,83 | 4,9 | 9,0 | - | - | | | |
| | 267 | 9 | 7,5 | 5,17 | 4,7 | 8,9 | - | - | | | |
| | 296 | 8 | 8,1 | 4,65 | 4,5 | 8,6 | - | - | | | |
| | 347 | 7 | 9,9 | 3,97 | 4,3 | 8,2 | - | - | | | |
| | 385 | 6 | 10,7 | 3,58 | 4,2 | 7,9 | - | - | | | |



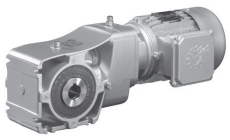
IE1 Standard

# 0,37 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 1,2 | 2672 | 3,2 | 1169,97 | 64,6 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 71 L/4** | 360 | E104-105 |
| | 1,4 | 2224 | 3,8 | 973,69 | 65,0 | 50,0 | 66,0 | 50,0 | | | |
| | 1,0 | 3582 | 1,3 | 1398,80 | 24,1 | 45,0 | 38,0 | 45,0 | **SK 9053.1 - 71 L/4** | 204 | E102-103 |
| | 1,3 | 2721 | 1,8 | 1062,85 | 27,1 | 45,0 | 38,0 | 45,0 | | | |
| | 1,5 | 2386 | 2,0 | 931,87 | 28,0 | 45,0 | 38,0 | 45,0 | | | |
| | 2,0 | 1802 | 2,2 | 703,83 | 29,2 | 45,0 | 38,0 | 45,0 | | | |
| | 2,4 | 1485 | 3,2 | 579,95 | 29,7 | 45,0 | 38,0 | 45,0 | | | |
| | 1,2 | 2850 | 1,0 | 1113,24 | 21,3 | 40,0 | 28,0 | 40,0 | **SK 9043.1 - 71 L/4** | 126 | E98-99 |
| | 1,6 | 2257 | 1,2 | 881,60 | 24,1 | 40,0 | 28,0 | 40,0 | | | |
| | 2,1 | 1652 | 1,7 | 645,18 | 26,1 | 40,0 | 28,0 | 40,0 | | | |
| | 2,4 | 1454 | 1,9 | 568,04 | 26,6 | 40,0 | 28,0 | 40,0 | | | |
| | 3,9 | 898 | 3,1 | 350,72 | 27,6 | 40,0 | 28,0 | 38,2 | | | |
| | 2,0 | 1771 | 0,9 | 691,55 | 2,8 | 14,5 | 14,8 | 26,7 | **SK 9033.1 - 71 L/4** | 72 | E94-95 |
| | 2,6 | 1380 | 1,1 | 539,10 | 9,8 | 14,5 | 15,0 | 25,9 | | | |
| | 3,5 | 1021 | 1,5 | 398,77 | 12,6 | 14,5 | 15,0 | 24,8 | | | |
| | 3,9 | 902 | 1,7 | 352,25 | 13,2 | 14,5 | 15,0 | 24,2 | | | |
| | 5,2 | 685 | 2,3 | 267,65 | 14,1 | 14,5 | 15,0 | 22,9 | | | |
| | 6,4 | 550 | 2,8 | 214,83 | 14,5 | 14,5 | 15,0 | 21,9 | | | |
| | 8,2 | 429 | 3,6 | 167,45 | 14,8 | 14,5 | 15,0 | 20,7 | | | |
| | 4,7 | 758 | 2,0 | 295,85 | 13,8 | 14,5 | 15,0 | 23,4 | **SK 9032.1 - 71 L/4** | 64 | E92-93 |
| | 5,5 | 639 | 2,4 | 249,72 | 14,3 | 14,5 | 15,0 | 22,6 | | | |
| | 12 | 284 | 5,5 | 110,77 | 15,0 | 14,5 | 15,0 | 18,7 | | | |
| | 4,1 | 869 | 1,0 | 339,41 | 0,5 | 12,0 | 8,9 | 22,9 | **SK 9023.1 - 71 L/4** | 49 | E90-91 |
| | 4,6 | 762 | 1,1 | 297,67 | 4,5 | 12,0 | 10,0 | 22,4 | | | |
| | 6,0 | 585 | 1,1 | 228,47 | 7,0 | 12,0 | 11,4 | 21,3 | | | |
| | 3,4 | 1052 | 0,8 | 276,86 | 0,5 | 12,0 | 6,2 | 23,5 | **SK 9022.1 - 80 S/6** | 46 | E88-89 |
| | 5,9 | 596 | 1,2 | 232,92 | 6,8 | 12,0 | 11,3 | 21,3 | **SK 9022.1 - 71 L/4** | 44 | E88-89 |
| | 6,3 | 561 | 1,5 | 219,25 | 7,2 | 12,0 | 11,5 | 21,1 | | | |
| | 7,5 | 472 | 1,8 | 184,46 | 7,9 | 12,0 | 11,9 | 20,3 | | | |
| | 14 | 253 | 3,4 | 98,88 | 9,0 | 12,0 | 12,0 | 17,7 | | | |
| | 21 | 171 | 2,9 | 66,96 | 10,3 | 25,0 | - | - | **SK 92772.1 - 71 L/4** | 41 | E68-69 |
| | 23 | 153 | 2,9 | 59,68 | 10,4 | 25,0 | - | - | | | |
| | 5,1 | 686 | 0,9 | 267,99 | 6,3 | 20,0 | 9,0 | 20,0 | **SK 9017.1 - 71 L/4** | 42 | E86-87 |
| | 5,9 | 603 | 1,0 | 235,64 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 7,8 | 455 | 1,3 | 177,89 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 10 | 344 | 1,3 | 134,32 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 4,5 | 782 | 0,8 | 205,93 | 4,8 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 80 S/6** | 39 | E84-85 |
| | 5,0 | 711 | 0,8 | 277,84 | 6,0 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 71 L/4** | 37 | E84-85 |
| | 5,9 | 601 | 1,0 | 234,64 | 7,3 | 20,0 | 9,0 | 20,0 | | | |
| | 6,7 | 527 | 1,2 | 205,93 | 8,0 | 20,0 | 9,0 | 20,0 | | | |
| | 7,5 | 469 | 1,3 | 183,10 | 8,4 | 20,0 | 9,0 | 20,0 | | | |
| | 9,2 | 384 | 1,6 | 149,81 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 15 | 235 | 2,1 | 91,77 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 17 | 208 | 2,9 | 81,38 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 7,8 | 455 | 0,9 | 177,88 | 4,2 | 20,0 | 8,1 | 20,0 | **SK 9013.1 - 71 L/4** | 41 | E82-83 |
| | 9,8 | 362 | 1,1 | 141,29 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 6,7 | 527 | 0,8 | 205,93 | 2,5 | 20,0 | 7,4 | 20,0 | **SK 9012.1 - 71 L/4** | 36 | E80-81 |
| | 7,5 | 469 | 0,9 | 183,10 | 4,0 | 20,0 | 8,0 | 20,0 | | | |
| | 8,3 | 427 | 0,9 | 166,59 | 4,7 | 20,0 | 8,4 | 20,0 | | | |
| | 9,8 | 360 | 1,1 | 140,70 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 11 | 316 | 1,3 | 123,48 | 6,0 | 20,0 | 9,0 | 20,0 | | | |
| | 13 | 281 | 1,4 | 109,79 | 6,3 | 20,0 | 9,0 | 20,0 | | | |
| | 14 | 249 | 1,6 | 97,36 | 6,5 | 20,0 | 9,0 | 20,0 | | | |
| | 16 | 220 | 1,8 | 86,00 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 18 | 196 | 2,0 | 76,53 | 6,8 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 161 | 2,5 | 62,74 | 7,0 | 20,0 | 9,0 | 20,0 | | | |

# 0,37 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 25 | 141 | 2,8 | 55,17 | 7,0 | 20,0 | 9,0 | 20,0 | **SK 9012.1 - 71 L/4** | 36 | E80-81 |
| | 28 | 125 | 3,2 | 48,95 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 33 | 107 | 3,8 | 41,65 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 40 | 89 | 4,5 | 34,81 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 44 | 81 | 5,0 | 31,45 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 50 | 71 | 5,6 | 27,65 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 56 | 63 | 6,4 | 24,53 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 66 | 53 | 7,5 | 20,87 | 7,2 | 19,8 | 9,0 | 19,8 | | | |
| | 79 | 45 | 8,5 | 17,45 | 7,2 | 18,8 | 9,0 | 18,8 | | | |
| | 90 | 39 | 9,7 | 15,30 | 7,3 | 18,1 | 9,0 | 18,1 | | | |
| | 113 | 31 | 7,0 | 12,23 | 7,3 | 17,0 | 9,0 | 17,0 | | | |
| | 127 | 28 | 7,2 | 10,85 | 7,3 | 16,4 | 9,0 | 16,4 | | | |
| | 150 | 24 | 8,3 | 9,23 | 7,3 | 15,7 | 9,0 | 15,7 | | | |
| | 171 | 21 | 8,7 | 8,09 | 7,3 | 15,1 | 9,0 | 15,1 | | | |
| | 28 | 124 | 2,6 | 48,56 | 8,4 | 20,0 | - | - | **SK 92672.1 - 71 L/4** | 30 | E66-67 |
| | 32 | 111 | 2,8 | 43,28 | 8,4 | 20,0 | - | - | | | |
| | 79 | 45 | 7,1 | 17,46 | 8,5 | 20,0 | - | - | | | |
| | 25 | 142 | 1,1 | 55,49 | 6,4 | 15,0 | - | - | **SK 92372.1 - 71 L/4** | 19 | E64-65 |
| | 28 | 127 | 1,1 | 49,46 | 6,4 | 15,0 | - | - | | | |
| | 30 | 119 | 1,5 | 46,64 | 6,4 | 15,0 | - | - | | | |
| | 33 | 106 | 1,7 | 41,46 | 6,5 | 15,0 | - | - | | | |
| | 38 | 94 | 2,0 | 36,80 | 6,5 | 15,0 | - | - | | | |
| | 42 | 84 | 2,4 | 32,80 | 6,5 | 15,0 | - | - | | | |
| | 36 | 99 | 0,9 | 38,75 | 4,7 | 12,0 | - | - | **SK 92172.1 - 71 L/4** | 14 | E62-63 |
| | 39 | 90 | 1,2 | 35,31 | 4,7 | 12,0 | - | - | | | |
| | 45 | 79 | 1,4 | 31,00 | 4,8 | 12,0 | - | - | | | |
| | 49 | 72 | 1,5 | 28,24 | 4,8 | 12,0 | - | - | | | |
| | 56 | 63 | 1,9 | 24,80 | 4,8 | 12,0 | - | - | | | |
| | 67 | 53 | 2,0 | 20,67 | 4,9 | 12,0 | - | - | | | |
| | 91 | 39 | 2,4 | 15,23 | 4,9 | 12,0 | - | - | | | |
| | 99 | 36 | 3,0 | 13,87 | 4,9 | 12,0 | - | - | | | |
| | 112 | 32 | 3,4 | 12,34 | 4,9 | 12,0 | - | - | | | |
| | 113 | 31 | 3,7 | 12,18 | 4,9 | 12,0 | - | - | | | |
| | 51 | 70 | 0,9 | 27,16 | 5,0 | 9,0 | - | - | **SK 92072.1 - 71 L/4** | 12 | E60-61 |
| | 57 | 62 | 1,3 | 24,07 | 5,0 | 9,0 | - | - | | | |
| | 66 | 53 | 1,5 | 20,80 | 5,0 | 9,0 | - | - | | | |
| | 75 | 47 | 1,3 | 18,52 | 5,0 | 9,0 | - | - | | | |
| | 86 | 41 | 1,6 | 16,00 | 5,0 | 9,0 | - | - | | | |
| | 108 | 33 | 1,8 | 12,78 | 5,0 | 9,0 | - | - | | | |
| | 124 | 28 | 2,3 | 11,11 | 5,0 | 9,0 | - | - | | | |
| | 140 | 25 | 3,0 | 9,85 | 5,0 | 9,0 | - | - | | | |
| | 159 | 22 | 3,3 | 8,67 | 5,0 | 9,0 | - | - | | | |
| | 182 | 19 | 3,7 | 7,58 | 5,0 | 9,0 | - | - | | | |
| | 207 | 17 | 4,0 | 6,67 | 5,0 | 9,0 | - | - | | | |
| | 237 | 15 | 4,8 | 5,83 | 4,8 | 9,0 | - | - | | | |
| | 267 | 13 | 5,1 | 5,17 | 4,6 | 8,7 | - | - | | | |
| | 296 | 12 | 5,5 | 4,65 | 4,5 | 8,5 | - | - | | | |
| | 347 | 10 | 6,7 | 3,97 | 4,3 | 8,1 | - | - | | | |
| | 385 | 9 | 7,2 | 3,58 | 4,1 | 7,8 | - | - | | | |



IE2

# 0,55 kW

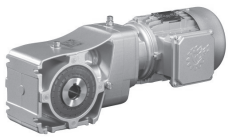
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,55 | 1,0 | 4985 | 1,7 | 1453,44 | 61,3 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 80 SH/4** | 362 | E104-105 E114 |
| | 1,2 | 4013 | 2,1 | 1169,97 | 63,0 | 50,0 | 66,0 | 50,0 | | | |
| | 1,5 | 3340 | 2,5 | 973,69 | 63,9 | 50,0 | 66,0 | 50,0 | | | |
| | 1,9 | 2633 | 3,2 | 767,55 | 64,6 | 50,0 | 66,0 | 50,0 | | | |
| | 1,0 | 5174 | 0,9 | 1398,80 | 13,6 | 45,0 | 32,6 | 45,0 | **SK 9053.1 - 80 SH/4** | 206 | E102-103 |
| | 1,3 | 3931 | 1,2 | 1062,85 | 22,5 | 45,0 | 37,2 | 45,0 | | | |
| | 1,5 | 3447 | 1,4 | 931,87 | 24,6 | 45,0 | 38,0 | 45,0 | | | |
| | 2,0 | 2603 | 1,5 | 703,83 | 27,4 | 45,0 | 38,0 | 45,0 | | | |
| | 2,4 | 2145 | 2,2 | 579,95 | 28,5 | 45,0 | 38,0 | 45,0 | | | |
| | 3,1 | 1696 | 2,8 | 458,57 | 29,4 | 45,0 | 38,0 | 45,0 | | | |
| | 4,1 | 1291 | 3,7 | 348,91 | 29,9 | 45,0 | 38,0 | 45,0 | | | |
| | 5,4 | 981 | 4,9 | 265,11 | 30,3 | 45,0 | 38,0 | 45,0 | | | |
| | 6,2 | 847 | 5,7 | 229,07 | 30,4 | 45,0 | 38,0 | 45,0 | | | |
| | 1,6 | 3261 | 0,9 | 881,60 | 18,7 | 40,0 | 28,0 | 40,0 | **SK 9043.1 - 80 SH/4** | 128 | E98-99 |
| | 2,2 | 2386 | 1,2 | 645,18 | 23,6 | 40,0 | 28,0 | 40,0 | | | |
| | 2,5 | 2101 | 1,3 | 568,04 | 24,7 | 40,0 | 28,0 | 39,7 | | | |
| | 4,0 | 1297 | 2,2 | 350,72 | 27,0 | 40,0 | 28,0 | 36,2 | | | |
| | 5,1 | 1034 | 2,7 | 279,60 | 27,4 | 40,0 | 28,0 | 34,5 | | | |
| | 2,6 | 1994 | 0,8 | 539,10 | 0,1 | 14,5 | 12,5 | 23,0 | **SK 9033.1 - 80 SH/4** | 74 | E94-95 |
| | 3,6 | 1475 | 1,1 | 398,77 | 8,8 | 14,5 | 15,0 | 22,5 | | | |
| | 4,0 | 1303 | 1,2 | 352,25 | 10,5 | 14,5 | 15,0 | 22,2 | | | |
| | 5,3 | 990 | 1,6 | 267,65 | 12,8 | 14,5 | 15,0 | 21,4 | | | |
| | 6,6 | 795 | 2,0 | 214,83 | 13,7 | 14,5 | 15,0 | 20,6 | | | |
| | 8,5 | 619 | 2,5 | 167,45 | 14,3 | 14,5 | 15,0 | 19,6 | | | |
| | 4,8 | 1094 | 1,4 | 295,85 | 12,1 | 14,5 | 15,0 | 21,7 | **SK 9032.1 - 80 SH/4** | 67 | E92-93 |
| | 5,7 | 924 | 1,7 | 249,72 | 13,1 | 14,5 | 15,0 | 21,1 | | | |
| | 6,1 | 865 | 1,8 | 233,92 | 13,4 | 14,5 | 15,0 | 20,9 | | | |
| | 7,2 | 730 | 2,1 | 197,45 | 13,9 | 14,5 | 15,0 | 20,2 | | | |
| | 6,1 | 862 | 0,8 | 232,92 | 1,1 | 12,0 | 9,0 | 19,6 | **SK 9022.1 - 80 SH/4** | 46 | E88-89 |
| | 6,5 | 811 | 1,1 | 219,25 | 3,3 | 12,0 | 9,6 | 19,6 | | | |
| | 7,7 | 682 | 1,3 | 184,46 | 5,8 | 12,0 | 10,7 | 18,9 | | | |
| | 8,4 | 628 | 1,4 | 169,81 | 6,5 | 12,0 | 11,1 | 18,8 | | | |
| | 10 | 509 | 1,7 | 137,57 | 7,6 | 12,0 | 11,8 | 18,1 | | | |
| | 12 | 428 | 2,0 | 115,74 | 8,2 | 12,0 | 12,0 | 17,4 | | | |
| | 14 | 366 | 2,4 | 98,88 | 8,6 | 12,0 | 12,0 | 16,9 | | | |
| | 21 | 248 | 2,0 | 66,96 | 10,2 | 25,0 | - | - | **SK 92772.1 - 80 SH/4** | 43 | E68-69 |
| | 24 | 221 | 2,0 | 59,68 | 10,2 | 25,0 | - | - | | | |
| | 27 | 195 | 3,0 | 52,64 | 10,3 | 25,0 | - | - | | | |
| | 30 | 174 | 3,0 | 46,92 | 10,3 | 25,0 | - | - | | | |
| | 33 | 161 | 3,9 | 43,44 | 10,3 | 25,0 | - | - | | | |
| | 6,9 | 762 | 0,8 | 205,93 | 5,2 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 80 SH/4** | 39 | E84-85 |
| | 7,8 | 677 | 0,9 | 183,10 | 6,5 | 20,0 | 9,0 | 20,0 | | | |
| | 9,5 | 554 | 1,1 | 149,81 | 7,8 | 20,0 | 9,0 | 20,0 | | | |
| | 10 | 527 | 1,2 | 142,41 | 8,0 | 20,0 | 9,0 | 20,0 | | | |
| | 12 | 431 | 1,4 | 116,52 | 8,7 | 20,0 | 9,0 | 20,0 | | | |
| | 15 | 339 | 1,5 | 91,77 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 17 | 301 | 2,0 | 81,38 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 20 | 266 | 2,3 | 71,88 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 237 | 2,6 | 63,97 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 10 | 520 | 0,8 | 140,70 | 2,7 | 20,0 | 7,4 | 20,0 | **SK 9012.1 - 80 SH/4** | 38 | E80-81 |
| | 11 | 457 | 0,9 | 123,48 | 4,2 | 20,0 | 8,1 | 20,0 | | | |
| | 13 | 406 | 1,0 | 109,79 | 5,0 | 20,0 | 8,6 | 20,0 | | | |
| | 15 | 360 | 1,1 | 97,36 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 17 | 318 | 1,3 | 86,00 | 6,0 | 20,0 | 9,0 | 20,0 | | | |
| | 19 | 283 | 1,4 | 76,53 | 6,3 | 20,0 | 9,0 | 20,0 | | | |
| | 23 | 232 | 1,7 | 62,74 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 26 | 204 | 2,0 | 55,17 | 6,8 | 20,0 | 9,0 | 20,0 | | | |
| | 29 | 181 | 2,2 | 48,95 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 34 | 154 | 2,6 | 41,65 | 7,0 | 20,0 | 9,0 | 20,0 | | | |
| | 41 | 129 | 3,1 | 34,81 | 7,1 | 20,0 | 9,0 | 20,0 | | | |
| | 45 | 116 | 3,4 | 31,45 | 7,1 | 20,0 | 9,0 | 20,0 | | | |

# 0,55 kW

IE2

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,55 | 51 | 102 | 3,9 | 27,65 | 7,2 | 20,0 | 9,0 | 20,0 | **SK 9012.1 - 80 SH/4** | 38 | E80-81 |
| | 58 | 91 | 4,4 | 24,53 | 7,2 | 20,0 | 9,0 | 20,0 | | | |
| | 68 | 77 | 5,2 | 20,87 | 7,2 | 19,4 | 9,0 | 19,4 | | | |
| | 81 | 65 | 5,9 | 17,45 | 7,2 | 18,5 | 9,0 | 18,5 | | | |
| | 93 | 57 | 6,7 | 15,30 | 7,2 | 17,8 | 9,0 | 17,8 | | | |
| | 116 | 45 | 4,9 | 12,23 | 7,2 | 16,7 | 9,0 | 16,7 | | | |
| | 131 | 40 | 5,0 | 10,85 | 7,3 | 16,1 | 9,0 | 16,1 | | | |
| | 154 | 34 | 5,7 | 9,23 | 7,3 | 15,4 | 9,0 | 15,4 | | | |
| | 176 | 30 | 6,0 | 8,09 | 7,3 | 14,8 | 9,0 | 14,8 | | | |
| | 29 | 180 | 1,8 | 48,56 | 8,2 | 20,0 | - | - | **SK 92672.1 - 80 SH/4** | 31 | E66-67 |
| | 33 | 160 | 1,9 | 43,28 | 8,3 | 20,0 | - | - | | | |
| | 38 | 140 | 2,3 | 37,82 | 8,3 | 20,0 | - | - | | | |
| | 42 | 125 | 2,9 | 33,71 | 8,4 | 20,0 | - | - | | | |
| | 46 | 113 | 2,8 | 30,67 | 8,4 | 20,0 | - | - | | | |
| | 52 | 101 | 3,6 | 27,33 | 8,4 | 20,0 | - | - | | | |
| | 30 | 173 | 1,1 | 46,64 | 6,2 | 15,0 | - | - | **SK 92372.1 - 80 SH/4** | 20 | E64-65 |
| | 34 | 153 | 1,2 | 41,46 | 6,3 | 15,0 | - | - | | | |
| | 39 | 136 | 1,4 | 36,80 | 6,4 | 15,0 | - | - | | | |
| | 43 | 121 | 1,6 | 32,80 | 6,4 | 15,0 | - | - | | | |
| | 51 | 104 | 1,8 | 28,11 | 6,5 | 15,0 | - | - | | | |
| | 57 | 93 | 2,4 | 25,06 | 6,5 | 15,0 | - | - | | | |
| | 63 | 83 | 2,2 | 22,49 | 6,5 | 15,0 | - | - | | | |
| | 71 | 74 | 3,0 | 20,04 | 6,5 | 15,0 | - | - | | | |
| | 77 | 68 | 2,7 | 18,33 | 6,6 | 15,0 | - | - | | | |
| | 90 | 59 | 3,1 | 15,84 | 6,6 | 15,0 | - | - | | | |
| | 101 | 52 | 4,2 | 14,12 | 6,6 | 15,0 | - | - | | | |
| | 50 | 104 | 1,0 | 28,24 | 4,7 | 12,0 | - | - | **SK 92172.1 - 80 SH/4** | 16 | E62-63 |
| | 57 | 92 | 1,3 | 24,80 | 4,7 | 12,0 | - | - | | | |
| | 69 | 76 | 1,4 | 20,67 | 4,8 | 12,0 | - | - | | | |
| | 93 | 56 | 1,7 | 15,23 | 4,9 | 12,0 | - | - | | | |
| | 102 | 51 | 2,1 | 13,87 | 4,9 | 12,0 | - | - | | | |
| | 115 | 46 | 2,4 | 12,34 | 4,9 | 12,0 | - | - | | | |
| | 117 | 45 | 2,5 | 12,18 | 4,9 | 12,0 | - | - | | | |
| | 131 | 40 | 2,8 | 10,83 | 4,9 | 12,0 | - | - | | | |
| | 140 | 38 | 2,5 | 10,15 | 4,9 | 12,0 | - | - | | | |
| | 68 | 77 | 1,1 | 20,80 | 5,0 | 9,0 | - | - | **SK 92072.1 - 80 SH/4** | 14 | E60-61 |
| | 89 | 59 | 1,1 | 16,00 | 5,0 | 9,0 | - | - | | | |
| | 111 | 47 | 1,2 | 12,78 | 5,0 | 9,0 | - | - | | | |
| | 128 | 41 | 1,6 | 11,11 | 5,0 | 9,0 | - | - | | | |
| | 144 | 36 | 2,1 | 9,85 | 5,0 | 9,0 | - | - | | | |
| | 164 | 32 | 2,3 | 8,67 | 5,0 | 9,0 | - | - | | | |
| | 187 | 28 | 2,6 | 7,58 | 5,0 | 9,0 | - | - | | | |
| | 213 | 25 | 2,8 | 6,67 | 4,8 | 9,0 | - | - | | | |
| | 244 | 22 | 3,3 | 5,83 | 4,7 | 8,8 | - | - | | | |
| | 275 | 19 | 3,5 | 5,17 | 4,5 | 8,5 | - | - | | | |
| | 305 | 17 | 3,8 | 4,65 | 4,4 | 8,2 | - | - | | | |
| | 357 | 15 | 4,6 | 3,97 | 4,2 | 7,8 | - | - | | | |
| | 397 | 13 | 5,0 | 3,58 | 4,0 | 7,6 | - | - | | | |



IE3

# 0,75 kW

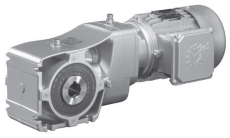
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 1,2 | 5588 | 1,5 | 1169,97 | 60,1 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 80 LP/4** | 364 | E104-105 E114 |
| | 1,5 | 4659 | 1,8 | 973,69 | 61,9 | 50,0 | 66,0 | 50,0 | | | |
| | 1,8 | 3666 | 2,3 | 767,55 | 63,4 | 50,0 | 66,0 | 50,0 | | | |
| | 2,4 | 2856 | 3,0 | 598,27 | 64,4 | 50,0 | 66,0 | 50,0 | | | |
| | 1,3 | 5375 | 0,9 | 1062,85 | 11,2 | 45,0 | 31,7 | 45,0 | **SK 9053.1 - 80 LP/4** | 208 | E102-103 |
| | 1,5 | 4713 | 1,0 | 931,87 | 17,7 | 45,0 | 34,5 | 45,0 | | | |
| | 2,0 | 3562 | 1,1 | 703,83 | 24,2 | 45,0 | 38,0 | 45,0 | | | |
| | 2,4 | 2938 | 1,6 | 579,95 | 26,5 | 45,0 | 38,0 | 45,0 | | | |
| | 3,1 | 2323 | 2,1 | 458,57 | 28,1 | 45,0 | 38,0 | 45,0 | | | |
| | 4,1 | 1766 | 2,7 | 348,91 | 29,2 | 45,0 | 38,0 | 45,0 | | | |
| | 5,3 | 1339 | 3,6 | 265,11 | 29,9 | 45,0 | 38,0 | 45,0 | | | |
| | 6,2 | 1159 | 4,1 | 229,07 | 30,1 | 45,0 | 38,0 | 45,0 | | | |
| | 2,2 | 3263 | 0,9 | 645,18 | 18,6 | 40,0 | 28,0 | 36,8 | **SK 9043.1 - 80 LP/4** | 130 | E98-99 |
| | 2,5 | 2874 | 1,0 | 568,04 | 21,2 | 40,0 | 28,0 | 36,8 | | | |
| | 4,0 | 1774 | 1,6 | 350,72 | 25,8 | 40,0 | 28,0 | 34,5 | | | |
| | 5,1 | 1412 | 2,0 | 279,60 | 26,7 | 40,0 | 28,0 | 33,1 | | | |
| | 6,9 | 1033 | 2,7 | 204,38 | 27,4 | 40,0 | 28,0 | 31,1 | | | |
| | 8,2 | 871 | 3,2 | 172,08 | 27,7 | 40,0 | 28,0 | 30,0 | | | |
| | 3,5 | 2022 | 0,8 | 398,77 | 0,1 | 14,5 | 12,2 | 20,1 | **SK 9033.1 - 80 LP/4** | 76 | E94-95 |
| | 4,0 | 1787 | 0,9 | 352,25 | 2,2 | 14,5 | 14,6 | 20,1 | | | |
| | 5,3 | 1355 | 1,1 | 267,65 | 10,1 | 14,5 | 15,0 | 19,8 | | | |
| | 6,6 | 1089 | 1,4 | 214,83 | 12,2 | 14,5 | 15,0 | 19,3 | | | |
| | 8,4 | 848 | 1,8 | 167,45 | 13,5 | 14,5 | 15,0 | 18,6 | | | |
| | 4,8 | 1499 | 1,0 | 295,85 | 8,5 | 14,5 | 15,0 | 19,9 | **SK 9032.1 - 80 LP/4** | 68 | E92-93 |
| | 5,7 | 1265 | 1,2 | 249,72 | 10,9 | 14,5 | 15,0 | 19,6 | | | |
| | 6,0 | 1185 | 1,3 | 233,92 | 11,5 | 14,5 | 15,0 | 19,5 | | | |
| | 7,2 | 1001 | 1,5 | 197,45 | 12,7 | 14,5 | 15,0 | 19,0 | | | |
| | 13 | 562 | 2,8 | 110,77 | 14,5 | 14,5 | 15,0 | 17,3 | | | |
| | 15 | 474 | 3,3 | 93,50 | 14,7 | 14,5 | 15,0 | 16,7 | | | |
| | 6,5 | 1110 | 0,8 | 219,25 | 0,1 | 12,0 | 4,8 | 17,9 | **SK 9022.1 - 80 LP/4** | 48 | E88-89 |
| | 7,7 | 934 | 0,9 | 184,46 | 0,2 | 12,0 | 8,1 | 17,5 | | | |
| | 8,3 | 860 | 1,0 | 169,81 | 1,3 | 12,0 | 9,0 | 17,5 | | | |
| | 10 | 697 | 1,2 | 137,57 | 5,6 | 12,0 | 10,6 | 17,1 | | | |
| | 12 | 586 | 1,5 | 115,74 | 7,0 | 12,0 | 11,3 | 16,5 | | | |
| | 14 | 501 | 1,7 | 98,88 | 7,7 | 12,0 | 11,8 | 16,2 | | | |
| | 17 | 431 | 2,0 | 85,11 | 8,2 | 12,0 | 12,0 | 15,7 | | | |
| | 18 | 399 | 2,2 | 78,89 | 8,4 | 12,0 | 12,0 | 15,5 | | | |
| | 21 | 336 | 2,6 | 66,42 | 8,7 | 12,0 | 12,0 | 14,9 | | | |
| | 24 | 295 | 2,9 | 58,25 | 8,9 | 12,0 | 12,0 | 14,5 | | | |
| | 21 | 339 | 1,4 | 66,96 | 10,0 | 25,0 | 10,0 | 25,0 | **SK 92772.1 - 80 LP/4** | 45 | E68-69 |
| | 24 | 302 | 1,4 | 59,68 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 27 | 266 | 2,2 | 52,64 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 30 | 237 | 2,2 | 46,92 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 33 | 220 | 2,9 | 43,44 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 9,4 | 758 | 0,8 | 149,81 | 5,2 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 80 LP/4** | 41 | E84-85 |
| | 9,9 | 721 | 0,8 | 142,41 | 5,9 | 20,0 | 9,0 | 20,0 | | | |
| | 12 | 590 | 1,0 | 116,52 | 7,5 | 20,0 | 9,0 | 20,0 | | | |
| | 15 | 465 | 1,1 | 91,77 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 17 | 412 | 1,5 | 81,38 | 8,8 | 20,0 | 9,0 | 20,0 | | | |
| | 20 | 364 | 1,6 | 71,88 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 324 | 1,9 | 63,97 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 27 | 265 | 2,3 | 52,44 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 31 | 234 | 2,6 | 46,11 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 35 | 207 | 2,9 | 40,92 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 15 | 493 | 0,8 | 97,36 | 3,5 | 20,0 | 7,8 | 20,0 | **SK 9012.1 - 80 LP/4** | 40 | E80-81 |
| | 16 | 436 | 0,9 | 86,00 | 4,6 | 20,0 | 8,3 | 20,0 | | | |
| | 18 | 388 | 1,0 | 76,53 | 5,3 | 20,0 | 8,7 | 20,0 | | | |
| | 23 | 318 | 1,3 | 62,74 | 6,0 | 20,0 | 9,0 | 20,0 | | | |
| | 26 | 280 | 1,4 | 55,17 | 6,3 | 20,0 | 9,0 | 20,0 | | | |
| | 29 | 248 | 1,6 | 48,95 | 6,5 | 20,0 | 9,0 | 20,0 | | | |
| | 34 | 211 | 1,9 | 41,65 | 6,7 | 20,0 | 9,0 | 20,0 | | | |
| | 41 | 176 | 2,3 | 34,81 | 6,9 | 20,0 | 9,0 | 20,0 | | | |
| | 45 | 159 | 2,5 | 31,45 | 7,0 | 20,0 | 9,0 | 20,0 | | | |

# 0,75 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 51 | 140 | 2,9 | 27,65 | 7,0 | 20,0 | 9,0 | 20,0 | **SK 9012.1 - 80 LP/4** | 40 | E80-81 |
| | 58 | 124 | 3,2 | 24,53 | 7,1 | 19,9 | 9,0 | 19,9 | | | |
| | 68 | 106 | 3,8 | 20,87 | 7,1 | 19,1 | 9,0 | 19,1 | | | |
| | 81 | 88,5 | 4,3 | 17,45 | 7,2 | 18,2 | 9,0 | 18,2 | | | |
| | 93 | 77,3 | 4,9 | 15,30 | 7,2 | 17,6 | 9,0 | 17,6 | | | |
| | 115 | 62,1 | 3,5 | 12,23 | 7,2 | 16,5 | 9,0 | 16,5 | | | |
| | 130 | 55,0 | 3,6 | 10,85 | 7,2 | 15,9 | 9,0 | 15,9 | | | |
| | 153 | 46,9 | 4,2 | 9,23 | 7,2 | 15,2 | 9,0 | 15,2 | | | |
| | 175 | 40,9 | 4,4 | 8,09 | 7,3 | 14,8 | 9,0 | 14,8 | | | |
| | 29 | 246 | 1,3 | 48,56 | 8,0 | 20,0 | 8,0 | 20,0 | **SK 92672.1 - 80 LP/4** | 34 | E66-67 |
| | 33 | 219 | 1,4 | 43,28 | 8,1 | 20,0 | 8,1 | 20,0 | | | |
| | 37 | 191 | 1,7 | 37,82 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 42 | 171 | 2,1 | 33,71 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 46 | 155 | 2,0 | 30,67 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 52 | 138 | 2,6 | 27,33 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 71 | 101 | 3,1 | 20,00 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 81 | 88,4 | 3,6 | 17,46 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 34 | 210 | 0,9 | 41,46 | 5,8 | 15,0 | 6,1 | 15,0 | **SK 92372.1 - 80 LP/4** | 23 | E64-65 |
| | 38 | 186 | 1,0 | 36,80 | 6,0 | 15,0 | 6,2 | 15,0 | | | |
| | 43 | 166 | 1,2 | 32,80 | 6,1 | 15,0 | 6,3 | 15,0 | | | |
| | 50 | 142 | 1,3 | 28,11 | 6,2 | 15,0 | 6,4 | 15,0 | | | |
| | 56 | 127 | 1,7 | 25,06 | 6,2 | 15,0 | 6,5 | 15,0 | | | |
| | 63 | 114 | 1,6 | 22,49 | 6,2 | 15,0 | 6,5 | 15,0 | | | |
| | 71 | 101 | 2,2 | 20,04 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 77 | 92,8 | 2,0 | 18,33 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 89 | 80,2 | 2,3 | 15,84 | 6,3 | 15,0 | 6,6 | 15,0 | | | |
| | 100 | 71,5 | 3,0 | 14,12 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 113 | 63,6 | 2,9 | 12,56 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 126 | 56,7 | 3,8 | 11,20 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 137 | 52,3 | 4,2 | 10,33 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 138 | 51,7 | 3,6 | 10,22 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 50 | 143 | 0,8 | 28,24 | 4,4 | 11,6 | 4,4 | 11,6 | **SK 92172.1 - 80 LP/4** | 18 | E62-63 |
| | 57 | 126 | 1,0 | 24,80 | 4,5 | 11,6 | 4,5 | 11,6 | | | |
| | 68 | 105 | 1,0 | 20,67 | 4,7 | 11,6 | 4,7 | 11,6 | | | |
| | 93 | 77,1 | 1,2 | 15,23 | 4,8 | 11,6 | 4,8 | 11,6 | | | |
| | 102 | 70,2 | 1,5 | 13,87 | 4,8 | 11,6 | 4,8 | 11,6 | | | |
| | 115 | 62,4 | 1,7 | 12,34 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 116 | 61,7 | 1,8 | 12,18 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 131 | 54,8 | 2,1 | 10,83 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 139 | 51,4 | 1,8 | 10,15 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 149 | 48,0 | 2,2 | 9,49 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 157 | 45,7 | 2,1 | 9,03 | 4,9 | 11,6 | 4,9 | 11,6 | | | |
| | 170 | 42,2 | 2,7 | 8,33 | 4,9 | 11,5 | 4,9 | 11,5 | | | |
| | 181 | 39,6 | 2,8 | 7,83 | 4,9 | 11,3 | 4,9 | 11,3 | | | |
| | 204 | 35,1 | 3,1 | 6,94 | 4,9 | 10,9 | 4,9 | 10,9 | | | |
| | 68 | 105 | 0,8 | 20,80 | 4,9 | 9,0 | 4,9 | 9,0 | **SK 92072.1 - 80 LP/4** | 16 | E60-61 |
| | 88 | 81,0 | 0,8 | 16,00 | 5,0 | 9,0 | 5,0 | 9,0 | | | |
| | 111 | 64,7 | 0,9 | 12,78 | 5,0 | 9,0 | 4,8 | 9,0 | | | |
| | 127 | 56,2 | 1,2 | 11,11 | 5,0 | 9,0 | 4,6 | 9,0 | | | |
| | 144 | 49,8 | 1,5 | 9,85 | 5,0 | 9,0 | 4,5 | 9,0 | | | |
| | 163 | 43,9 | 1,7 | 8,67 | 5,0 | 9,0 | 4,3 | 9,0 | | | |
| | 187 | 38,3 | 1,9 | 7,58 | 5,0 | 9,0 | 4,2 | 9,0 | | | |
| | 212 | 33,7 | 2,0 | 6,67 | 4,9 | 8,8 | 4,1 | 8,8 | | | |
| | 243 | 29,5 | 2,4 | 5,83 | 4,6 | 8,6 | 3,9 | 8,6 | | | |
| | 274 | 26,2 | 2,6 | 5,17 | 4,5 | 8,3 | 3,8 | 8,3 | | | |
| | 304 | 23,6 | 2,8 | 4,65 | 4,3 | 8,0 | 3,6 | 8,0 | | | |
| | 356 | 20,1 | 3,4 | 3,97 | 4,2 | 7,6 | 3,5 | 7,6 | | | |
| | 395 | 18,1 | 3,6 | 3,58 | 4,0 | 7,4 | 3,4 | 7,4 | | | |



IE3

# 1,10 kW

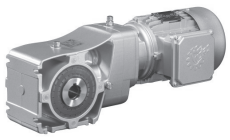
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **1,10** | 1,0 | 10460 | 3,1 | 1424,80 | 96,2 | 70,0 | 160,0 | 70,0 | **SK 9092.1/52 - 90 SP/4** | 1490 | E110-111<br>E115 |
| | 1,2 | 8842 | 2,3 | 1202,18 | 100,0 | 65,0 | 120,0 | 65,0 | **SK 9086.1/52 - 90 SP/4** | 921 | E108-109 |
| | 1,6 | 6683 | 3,0 | 907,88 | 102,2 | 65,0 | 120,0 | 65,0 | | | E114 |
| | 1,4 | 7478 | 1,7 | 1017,77 | 92,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 90 SP/4** | 646 | E106-107 |
| | 1,7 | 6210 | 2,1 | 845,38 | 93,9 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 2,0 | 5179 | 2,5 | 704,48 | 94,8 | 60,0 | 95,0 | 60,0 | | | |
| | 2,4 | 4429 | 2,9 | 603,37 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 0,99 | 10640 | 0,8 | 1453,44 | 41,7 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 90 SP/4** | 369 | E104-105 |
| | 1,2 | 8567 | 1,0 | 1169,97 | 51,5 | 50,0 | 66,0 | 50,0 | | | E114 |
| | 1,5 | 7143 | 1,2 | 973,69 | 56,3 | 50,0 | 66,0 | 50,0 | | | |
| | 1,9 | 5620 | 1,5 | 767,55 | 60,1 | 50,0 | 66,0 | 50,0 | | | |
| | 2,4 | 4379 | 1,9 | 598,27 | 62,4 | 50,0 | 66,0 | 50,0 | | | |
| | 3,0 | 3459 | 2,5 | 473,22 | 63,7 | 50,0 | 66,0 | 50,0 | | | |
| | 3,7 | 2826 | 3,0 | 385,88 | 64,4 | 50,0 | 66,0 | 50,0 | | | |
| | 4,6 | 2278 | 3,7 | 311,10 | 64,9 | 50,0 | 66,0 | 50,0 | | | |
| | 2,0 | 5169 | 0,8 | 703,83 | 13,9 | 45,0 | 32,7 | 45,0 | **SK 9053.1 - 90 SP/4** | 213 | E102-103 |
| | 2,5 | 4265 | 1,1 | 579,95 | 20,8 | 45,0 | 36,2 | 45,0 | | | |
| | 3,1 | 3372 | 1,4 | 458,57 | 25,0 | 45,0 | 38,0 | 45,0 | | | |
| | 4,1 | 2563 | 1,9 | 348,91 | 27,5 | 45,0 | 38,0 | 45,0 | | | |
| | 5,4 | 1944 | 2,5 | 265,11 | 28,9 | 45,0 | 38,0 | 45,0 | | | |
| | 6,2 | 1682 | 2,9 | 229,07 | 29,4 | 45,0 | 38,0 | 45,0 | | | |
| | 4,9 | 2127 | 2,3 | 289,61 | 28,6 | 45,0 | 38,0 | 45,0 | **SK 9052.1 - 90 SP/4** | 195 | E100-101 |
| | 5,8 | 1817 | 2,6 | 247,06 | 29,2 | 45,0 | 38,0 | 45,0 | | | |
| | 9,8 | 1067 | 3,4 | 145,16 | 30,2 | 45,0 | 38,0 | 45,0 | | | |
| | 12 | 882 | 5,4 | 120,03 | 30,4 | 45,0 | 38,0 | 45,0 | | | |
| | 14 | 753 | 6,4 | 102,40 | 30,5 | 45,0 | 38,0 | 45,0 | | | |
| | 3,5 | 2972 | 0,9 | 404,82 | 20,7 | 40,0 | 28,0 | 31,3 | **SK 9043.1 - 90 SP/4** | 135 | E98-99 |
| | 4,1 | 2574 | 1,1 | 350,72 | 22,8 | 40,0 | 28,0 | 31,3 | | | |
| | 5,1 | 2049 | 1,4 | 279,60 | 24,9 | 40,0 | 28,0 | 30,7 | | | |
| | 7,0 | 1499 | 1,9 | 204,38 | 26,5 | 40,0 | 28,0 | 29,2 | | | |
| | 8,3 | 1264 | 2,2 | 172,08 | 27,0 | 40,0 | 28,0 | 28,4 | | | |
| | 4,3 | 2421 | 1,2 | 329,69 | 23,5 | 40,0 | 28,0 | 31,1 | **SK 9042.1 - 90 SP/4** | 120 | E96-97 |
| | 5,2 | 2011 | 1,4 | 273,73 | 25,1 | 40,0 | 28,0 | 30,3 | | | |
| | 6,1 | 1725 | 1,6 | 235,01 | 25,9 | 40,0 | 28,0 | 29,9 | | | |
| | 7,3 | 1433 | 2,0 | 195,12 | 26,7 | 40,0 | 28,0 | 28,9 | | | |
| | 8,6 | 1215 | 1,2 | 165,24 | 27,1 | 40,0 | 28,0 | 28,2 | | | |
| | 12 | 865 | 2,8 | 117,79 | 27,7 | 40,0 | 28,0 | 26,3 | | | |
| | 5,3 | 1967 | 0,8 | 267,65 | 0,4 | 14,5 | 12,9 | 17,0 | **SK 9033.1 - 90 SP/4** | 81 | E94-95 |
| | 6,6 | 1580 | 1,0 | 214,83 | 7,4 | 14,5 | 15,0 | 17,1 | | | |
| | 8,5 | 1231 | 1,3 | 167,45 | 11,2 | 14,5 | 15,0 | 16,9 | | | |
| | 5,7 | 1837 | 0,8 | 249,72 | 0,5 | 14,5 | 14,2 | 16,9 | **SK 9032.1 - 90 SP/4** | 73 | E92-93 |
| | 6,1 | 1720 | 0,9 | 233,92 | 4,8 | 14,5 | 15,0 | 17,1 | | | |
| | 7,2 | 1452 | 1,1 | 197,45 | 9,1 | 14,5 | 15,0 | 16,9 | | | |
| | 7,6 | 1383 | 1,1 | 188,06 | 9,8 | 14,5 | 15,0 | 17,0 | | | |
| | 9,0 | 1167 | 1,3 | 158,74 | 11,7 | 14,5 | 15,0 | 16,7 | | | |
| | 10 | 1025 | 1,5 | 139,44 | 12,6 | 14,5 | 15,0 | 16,6 | | | |
| | 12 | 865 | 1,8 | 117,70 | 13,4 | 14,5 | 15,0 | 16,2 | | | |
| | 13 | 815 | 1,9 | 110,77 | 13,6 | 14,5 | 15,0 | 16,1 | | | |
| | 15 | 688 | 2,3 | 93,50 | 14,1 | 14,5 | 15,0 | 15,7 | | | |
| | 17 | 618 | 2,5 | 84,17 | 14,2 | 14,5 | 15,0 | 15,4 | | | |
| | 19 | 558 | 2,8 | 75,91 | 13,9 | 14,5 | 15,0 | 15,1 | | | |
| | 22 | 471 | 3,3 | 64,08 | 13,4 | 14,5 | 15,0 | 14,6 | | | |
| | 24 | 434 | 3,6 | 59,17 | 13,1 | 14,5 | 15,0 | 14,4 | | | |
| | 10 | 1011 | 0,9 | 137,57 | 0,1 | 12,0 | 7,0 | 15,3 | **SK 9022.1 - 90 SP/4** | 53 | E88-89 |
| | 12 | 850 | 1,0 | 115,74 | 2,0 | 12,0 | 9,2 | 15,0 | | | |
| | 14 | 727 | 1,2 | 98,88 | 5,2 | 12,0 | 10,4 | 14,9 | | | |
| | 17 | 626 | 1,4 | 85,11 | 6,6 | 12,0 | 11,1 | 14,6 | | | |
| | 18 | 579 | 1,5 | 78,89 | 7,0 | 12,0 | 11,4 | 14,4 | | | |

# 1,10 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 22 | 488 | 1,8 | 66,42 | 7,8 | 12,0 | 11,9 | 14,1 | **SK 9022.1 - 90 SP/4** | 53 | E88-89 |
| | 25 | 428 | 2,0 | 58,25 | 8,2 | 12,0 | 12,0 | 13,7 | | | |
| | 27 | 383 | 2,2 | 52,02 | 8,5 | 12,0 | 12,0 | 13,4 | | | |
| | 29 | 360 | 2,4 | 49,01 | 8,6 | 12,0 | 12,0 | 13,2 | | | |
| | 32 | 329 | 2,6 | 44,71 | 8,7 | 12,0 | 12,0 | 13,1 | | | |
| | 36 | 292 | 2,9 | 39,77 | 8,9 | 12,0 | 12,0 | 12,7 | | | |
| | 21 | 492 | 1,0 | 66,96 | 9,4 | 25,0 | 9,4 | 25,0 | **SK 92772.1 - 90 SP/4** | 50 | E68-69 |
| | 24 | 438 | 1,0 | 59,68 | 9,6 | 25,0 | 9,6 | 25,0 | | | |
| | 27 | 387 | 1,5 | 52,64 | 9,8 | 25,0 | 9,8 | 25,0 | | | |
| | 30 | 345 | 1,5 | 46,92 | 9,9 | 25,0 | 9,9 | 25,0 | | | |
| | 33 | 319 | 2,0 | 43,44 | 10,0 | 25,0 | 10,0 | 25,0 | | | |
| | 36 | 289 | 2,2 | 39,32 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 41 | 257 | 2,6 | 35,04 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 52 | 203 | 3,1 | 27,65 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 56 | 186 | 3,4 | 25,34 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 58 | 181 | 3,6 | 24,64 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 63 | 166 | 3,9 | 22,59 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 68 | 155 | 4,1 | 21,14 | 10,4 | 25,0 | 10,4 | 25,0 | | | |
| | 18 | 598 | 1,0 | 81,38 | 7,4 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 90 SP/4** | 46 | E84-85 |
| | 20 | 528 | 1,1 | 71,88 | 8,0 | 20,0 | 9,0 | 20,0 | | | |
| | 22 | 471 | 1,3 | 63,97 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 27 | 385 | 1,6 | 52,44 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 31 | 339 | 1,8 | 46,11 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 35 | 300 | 2,0 | 40,92 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 41 | 256 | 2,3 | 34,81 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 47 | 224 | 2,7 | 30,52 | 9,0 | 20,0 | 9,0 | 20,0 | | | |
| | 54 | 193 | 3,1 | 26,29 | 9,0 | 19,6 | 9,0 | 19,6 | | | |
| | 23 | 461 | 0,9 | 62,74 | 4,2 | 20,0 | 8,1 | 20,0 | **SK 9012.1 - 90 SP/4** | 45 | E80-81 |
| | 26 | 406 | 1,0 | 55,17 | 5,0 | 20,0 | 8,6 | 20,0 | | | |
| | 29 | 359 | 1,1 | 48,95 | 5,6 | 20,0 | 8,9 | 20,0 | | | |
| | 34 | 306 | 1,3 | 41,65 | 6,1 | 20,0 | 9,0 | 20,0 | | | |
| | 41 | 256 | 1,6 | 34,81 | 6,5 | 20,0 | 9,0 | 20,0 | | | |
| | 45 | 231 | 1,7 | 31,45 | 6,6 | 20,0 | 9,0 | 20,0 | | | |
| | 52 | 204 | 2,0 | 27,65 | 6,8 | 19,8 | 9,0 | 19,8 | | | |
| | 58 | 180 | 2,2 | 24,53 | 6,9 | 19,3 | 9,0 | 19,3 | | | |
| | 68 | 154 | 2,6 | 20,87 | 7,0 | 18,5 | 9,0 | 18,5 | | | |
| | 82 | 128 | 3,0 | 17,45 | 7,1 | 17,7 | 9,0 | 17,7 | | | |
| | 94 | 112 | 3,4 | 15,30 | 7,1 | 17,2 | 9,0 | 17,2 | | | |
| | 117 | 90,1 | 2,4 | 12,23 | 7,2 | 16,1 | 9,0 | 16,1 | | | |
| | 132 | 79,8 | 2,5 | 10,85 | 7,2 | 15,6 | 9,0 | 15,6 | | | |
| | 154 | 68,0 | 2,9 | 9,23 | 7,2 | 14,9 | 9,0 | 14,9 | | | |
| | 177 | 59,4 | 3,0 | 8,09 | 7,2 | 14,4 | 9,0 | 14,4 | | | |
| | 29 | 357 | 0,9 | 48,56 | 7,5 | 20,0 | 7,5 | 20,0 | **SK 92672.1 - 90 SP/4** | 38 | E66-67 |
| | 33 | 318 | 1,0 | 43,28 | 7,7 | 20,0 | 7,7 | 20,0 | | | |
| | 38 | 278 | 1,1 | 37,82 | 7,9 | 20,0 | 7,9 | 20,0 | | | |
| | 42 | 248 | 1,5 | 33,71 | 8,0 | 20,0 | 8,0 | 20,0 | | | |
| | 47 | 225 | 1,4 | 30,67 | 8,1 | 20,0 | 8,1 | 20,0 | | | |
| | 52 | 201 | 1,8 | 27,33 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 57 | 183 | 2,0 | 24,88 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 72 | 147 | 2,1 | 20,00 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 79 | 134 | 2,6 | 18,21 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 82 | 128 | 2,5 | 17,46 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 92 | 114 | 3,2 | 15,56 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 99 | 106 | 3,0 | 14,40 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 111 | 94,3 | 3,8 | 12,84 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 44 | 241 | 0,8 | 32,80 | 5,6 | 15,0 | 5,9 | 15,0 | **SK 92372.1 - 90 SP/4** | 28 | E64-65 |
| | 51 | 206 | 0,9 | 28,11 | 5,8 | 15,0 | 6,1 | 15,0 | | | |
| | 57 | 184 | 1,2 | 25,06 | 6,0 | 15,0 | 6,2 | 15,0 | | | |
| | 64 | 165 | 1,1 | 22,49 | 6,1 | 15,0 | 6,3 | 15,0 | | | |
| | 71 | 147 | 1,5 | 20,04 | 6,1 | 15,0 | 6,4 | 15,0 | | | |
| | 78 | 135 | 1,4 | 18,33 | 6,2 | 15,0 | 6,4 | 15,0 | | | |
| | 90 | 116 | 1,6 | 15,84 | 6,2 | 15,0 | 6,5 | 15,0 | | | |
| | 101 | 104 | 2,1 | 14,12 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 114 | 92,3 | 2,0 | 12,56 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 128 | 82,3 | 2,7 | 11,20 | 6,3 | 15,0 | 6,6 | 15,0 | | | |
| | 138 | 75,9 | 2,9 | 10,33 | 6,3 | 15,0 | 6,6 | 15,0 | | | |



IE3

# 1,10 kW
# 1,50 kW

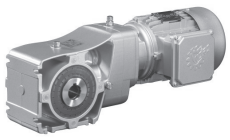
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 140 | 75,1 | 2,5 | 10,22 | 6,3 | 15,0 | 6,6 | 15,0 | **SK 92372.1 - 90 SP/4** | 28 | E64-65 |
| | 157 | 66,9 | 3,3 | 9,11 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 175 | 60,2 | 3,5 | 8,19 | 6,4 | 15,0 | 6,6 | 15,0 | | | |
| | 204 | 51,5 | 3,9 | 7,01 | 6,4 | 15,0 | 6,4 | 15,0 | | | |
| | 214 | 49,0 | 4,2 | 6,67 | 6,4 | 15,0 | 6,4 | 15,0 | | | |
| | 245 | 42,8 | 4,4 | 5,83 | 6,4 | 14,7 | 6,1 | 14,7 | | | |
| | 151 | 69,7 | 1,5 | 9,49 | 4,8 | 11,4 | 4,8 | 11,4 | **SK 92172.1 - 90 SP/4** | 23 | E62-63 |
| | 172 | 61,2 | 1,9 | 8,33 | 4,9 | 11,0 | 4,9 | 11,0 | | | |
| | 183 | 57,5 | 1,9 | 7,83 | 4,9 | 10,8 | 4,9 | 10,8 | | | |
| | 206 | 51,0 | 2,2 | 6,94 | 4,9 | 10,4 | 4,8 | 10,4 | | | |
| | 219 | 48,0 | 1,9 | 6,53 | 4,9 | 10,3 | 4,7 | 10,3 | | | |
| | 248 | 42,4 | 2,2 | 5,77 | 4,9 | 10,1 | 4,5 | 10,1 | | | |
| | 272 | 38,6 | 2,8 | 5,26 | 4,9 | 9,8 | 4,4 | 9,8 | | | |
| | 292 | 35,9 | 3,0 | 4,89 | 4,9 | 9,6 | 4,3 | 9,6 | | | |
| | 333 | 31,6 | 3,4 | 4,30 | 4,9 | 9,3 | 4,2 | 9,3 | | | |
| | 245 | 42,8 | 1,7 | 5,83 | 4,5 | 8,1 | 3,7 | 8,1 | **SK 92072.1 - 90 SP/4** | 21 | E60-61 |
| | 277 | 38,0 | 1,8 | 5,17 | 4,3 | 7,9 | 3,6 | 7,9 | | | |
| | 307 | 34,2 | 1,9 | 4,65 | 4,2 | 7,7 | 3,5 | 7,7 | | | |
| | 360 | 29,2 | 2,3 | 3,97 | 4,1 | 7,3 | 3,4 | 7,3 | | | |
| | 399 | 26,3 | 2,5 | 3,58 | 4,0 | 7,1 | 3,3 | 7,1 | | | |
| 1,50 | 0,99 | 14420 | 2,2 | 1424,80 | 88,7 | 70,0 | 155,3 | 70,0 | **SK 9092.1/52 - 90 LP/4** | 1490 | E110-111 |
| | 1,3 | 11330 | 2,8 | 1120,00 | 94,6 | 70,0 | 160,0 | 70,0 | | | E115 |
| | 1,2 | 12190 | 1,6 | 1202,18 | 95,2 | 65,0 | 114,0 | 65,0 | **SK 9086.1/52 - 90 LP/4** | 923 | E108-109 |
| | 1,6 | 9210 | 2,2 | 907,88 | 99,6 | 65,0 | 120,0 | 65,0 | | | E114 |
| | 2,0 | 7236 | 2,8 | 714,15 | 101,7 | 65,0 | 120,0 | 65,0 | | | |
| | 1,4 | 10300 | 1,3 | 1017,77 | 88,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 90 LP/4** | 648 | E106-107 |
| | 1,7 | 8558 | 1,5 | 845,38 | 91,2 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 2,0 | 7137 | 1,8 | 704,48 | 93,0 | 60,0 | 95,0 | 60,0 | | | |
| | 2,3 | 6103 | 2,1 | 603,37 | 94,0 | 60,0 | 95,0 | 60,0 | | | |
| | 3,2 | 4498 | 2,9 | 443,41 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 1,5 | 9844 | 0,9 | 973,69 | 45,9 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 90 LP/4** | 371 | E104-105 |
| | 1,8 | 7745 | 1,1 | 767,55 | 54,3 | 50,0 | 66,0 | 50,0 | | | E114 |
| | 2,4 | 6034 | 1,4 | 598,27 | 59,1 | 50,0 | 66,0 | 50,0 | | | |
| | 3,0 | 4767 | 1,8 | 473,22 | 61,7 | 50,0 | 66,0 | 50,0 | | | |
| | 3,7 | 3895 | 2,2 | 385,88 | 63,1 | 50,0 | 66,0 | 50,0 | | | |
| | 4,6 | 3139 | 2,7 | 311,10 | 64,1 | 50,0 | 66,0 | 50,0 | | | |
| | 3,1 | 4647 | 1,0 | 458,57 | 18,3 | 45,0 | 34,8 | 45,0 | **SK 9053.1 - 90 LP/4** | 215 | E102-103 |
| | 4,1 | 3531 | 1,4 | 348,91 | 24,3 | 45,0 | 38,0 | 45,0 | | | |
| | 5,3 | 2679 | 1,8 | 265,11 | 27,2 | 45,0 | 38,0 | 45,0 | | | |
| | 6,2 | 2318 | 2,1 | 229,07 | 28,1 | 45,0 | 38,0 | 45,0 | | | |
| | 8,6 | 1670 | 2,9 | 164,99 | 29,4 | 45,0 | 38,0 | 45,0 | | | |
| | 4,9 | 2932 | 1,6 | 289,61 | 26,5 | 45,0 | 38,0 | 45,0 | **SK 9052.1 - 90 LP/4** | 197 | E100-101 |
| | 5,7 | 2504 | 1,9 | 247,06 | 27,7 | 45,0 | 38,0 | 45,0 | | | |
| | 9,7 | 1471 | 2,4 | 145,16 | 29,7 | 45,0 | 38,0 | 45,0 | | | |
| | 12 | 1215 | 4,0 | 120,03 | 30,0 | 45,0 | 38,0 | 45,0 | | | |
| | 14 | 1038 | 4,6 | 102,40 | 30,2 | 45,0 | 38,0 | 45,0 | | | |
| | 4,0 | 3547 | 0,8 | 350,72 | 16,3 | 40,0 | 28,0 | 27,8 | **SK 9043.1 - 90 LP/4** | 137 | E98-99 |
| | 5,1 | 2824 | 1,0 | 279,60 | 21,4 | 40,0 | 28,0 | 27,8 | | | |
| | 6,9 | 2066 | 1,4 | 204,38 | 24,8 | 40,0 | 28,0 | 27,2 | | | |
| | 8,2 | 1742 | 1,6 | 172,08 | 25,9 | 40,0 | 28,0 | 26,7 | | | |
| | 4,3 | 3336 | 0,8 | 329,69 | 18,1 | 40,0 | 28,0 | 27,8 | **SK 9042.1 - 90 LP/4** | 122 | E96-97 |
| | 5,2 | 2772 | 1,0 | 273,73 | 21,8 | 40,0 | 28,0 | 27,5 | | | |
| | 6,0 | 2377 | 1,2 | 235,01 | 23,6 | 40,0 | 28,0 | 27,5 | | | |
| | 7,3 | 1975 | 1,4 | 195,12 | 25,1 | 40,0 | 28,0 | 26,9 | | | |
| | 8,6 | 1674 | 0,9 | 165,24 | 26,1 | 40,0 | 28,0 | 26,6 | | | |
| | 12 | 1193 | 2,0 | 117,79 | 27,1 | 40,0 | 28,0 | 25,2 | | | |
| | 15 | 967 | 2,9 | 95,56 | 27,5 | 40,0 | 28,0 | 24,3 | | | |
| | 16 | 876 | 3,2 | 86,43 | 27,7 | 40,0 | 28,0 | 23,8 | | | |

# 1,50 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 7,2 | 2001 | 0,8 | 197,45 | 0,1 | 14,5 | 12,5 | 14,6 | **SK 9032.1 - 90 LP/4** | 75 | E92-93 |
| | 7,5 | 1905 | 0,8 | 188,06 | 0,1 | 14,5 | 13,5 | 14,8 | | | |
| | 8,9 | 1609 | 1,0 | 158,74 | 6,9 | 14,5 | 15,0 | 14,8 | | | |
| | 10 | 1412 | 1,1 | 139,44 | 9,5 | 14,5 | 15,0 | 15,0 | | | |
| | 12 | 1192 | 1,3 | 117,70 | 11,4 | 14,5 | 15,0 | 14,8 | | | |
| | 13 | 1123 | 1,4 | 110,77 | 11,9 | 14,5 | 15,0 | 14,8 | | | |
| | 15 | 948 | 1,6 | 93,50 | 13,0 | 14,5 | 15,0 | 14,5 | | | |
| | 17 | 852 | 1,8 | 84,17 | 13,2 | 14,5 | 15,0 | 14,4 | | | |
| | 19 | 769 | 2,0 | 75,91 | 13,0 | 14,5 | 15,0 | 14,3 | | | |
| | 22 | 649 | 2,4 | 64,08 | 12,6 | 14,5 | 15,0 | 13,9 | | | |
| | 24 | 599 | 2,6 | 59,17 | 12,5 | 14,5 | 15,0 | 13,7 | | | |
| | 28 | 506 | 3,1 | 49,94 | 12,0 | 14,5 | 15,0 | 13,3 | | | |
| | 30 | 483 | 3,2 | 47,70 | 11,9 | 14,5 | 15,0 | 13,2 | | | |
| | 35 | 409 | 3,8 | 40,36 | 11,5 | 14,5 | 15,0 | 12,8 | | | |
| | 14 | 1001 | 0,9 | 98,88 | 0,1 | 12,0 | 7,1 | 13,4 | **SK 9022.1 - 90 LP/4** | 55 | E88-89 |
| | 17 | 863 | 1,0 | 85,11 | 1,1 | 12,0 | 9,0 | 13,4 | | | |
| | 18 | 798 | 1,1 | 78,89 | 3,7 | 12,0 | 9,7 | 13,3 | | | |
| | 21 | 673 | 1,3 | 66,42 | 6,0 | 12,0 | 10,8 | 13,1 | | | |
| | 24 | 590 | 1,5 | 58,25 | 6,9 | 12,0 | 11,3 | 12,9 | | | |
| | 27 | 527 | 1,6 | 52,02 | 7,5 | 12,0 | 11,7 | 12,7 | | | |
| | 29 | 496 | 1,7 | 49,01 | 7,7 | 12,0 | 11,8 | 12,5 | | | |
| | 32 | 454 | 1,9 | 44,71 | 8,1 | 12,0 | 12,0 | 12,4 | | | |
| | 36 | 402 | 2,1 | 39,77 | 8,4 | 12,0 | 12,0 | 12,2 | | | |
| | 43 | 337 | 2,6 | 33,26 | 8,7 | 12,0 | 12,0 | 11,7 | | | |
| | 45 | 318 | 2,6 | 31,38 | 8,8 | 12,0 | 12,0 | 11,7 | | | |
| | 48 | 296 | 2,9 | 29,20 | 8,9 | 12,0 | 12,0 | 11,5 | | | |
| | 27 | 533 | 1,1 | 52,64 | 9,2 | 25,0 | 9,2 | 25,0 | **SK 92772.1 - 90 LP/4** | 52 | E68-69 |
| | 30 | 475 | 1,1 | 46,92 | 9,5 | 25,0 | 9,5 | 25,0 | | | |
| | 33 | 440 | 1,4 | 43,44 | 9,6 | 25,0 | 9,6 | 25,0 | | | |
| | 36 | 398 | 1,6 | 39,32 | 9,8 | 25,0 | 9,8 | 25,0 | | | |
| | 40 | 355 | 1,9 | 35,04 | 9,9 | 25,0 | 9,9 | 25,0 | | | |
| | 51 | 280 | 2,3 | 27,65 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 56 | 257 | 2,5 | 25,34 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 57 | 249 | 2,6 | 24,64 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 63 | 229 | 2,8 | 22,59 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 67 | 214 | 2,9 | 21,14 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 74 | 194 | 3,2 | 19,17 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 75 | 191 | 3,4 | 18,84 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 83 | 173 | 3,7 | 17,08 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 20 | 728 | 0,8 | 71,88 | 5,8 | 20,0 | 9,0 | 20,0 | **SK 9016.1 - 90 LP/4** | 48 | E84-85 |
| | 22 | 649 | 0,9 | 63,97 | 6,8 | 20,0 | 9,0 | 20,0 | | | |
| | 27 | 531 | 1,1 | 52,44 | 8,0 | 20,0 | 9,0 | 20,0 | | | |
| | 31 | 467 | 1,3 | 46,11 | 8,5 | 20,0 | 9,0 | 20,0 | | | |
| | 35 | 414 | 1,5 | 40,92 | 8,8 | 20,0 | 9,0 | 20,0 | | | |
| | 41 | 353 | 1,7 | 34,81 | 9,0 | 19,8 | 9,0 | 19,8 | | | |
| | 46 | 308 | 1,9 | 30,52 | 9,0 | 19,4 | 9,0 | 19,4 | | | |
| | 54 | 266 | 2,3 | 26,29 | 9,0 | 18,9 | 9,0 | 18,9 | | | |
| | 61 | 234 | 2,2 | 23,11 | 9,0 | 18,4 | 9,0 | 18,4 | | | |
| | 69 | 208 | 2,8 | 20,51 | 9,0 | 17,9 | 9,0 | 17,9 | | | |
| | 81 | 177 | 3,1 | 17,45 | 9,0 | 17,3 | 9,0 | 17,3 | | | |
| | 93 | 155 | 3,4 | 15,10 | 9,0 | 16,7 | 9,0 | 16,7 | | | |
| | 113 | 126 | 4,1 | 12,51 | 9,0 | 15,9 | 9,0 | 15,9 | | | |
| | 29 | 495 | 0,8 | 48,95 | 3,4 | 20,0 | 7,7 | 20,0 | **SK 9012.1 - 90 LP/4** | 47 | E80-81 |
| | 34 | 422 | 0,9 | 41,65 | 4,8 | 20,0 | 8,4 | 20,0 | | | |
| | 41 | 353 | 1,1 | 34,81 | 5,7 | 19,8 | 9,0 | 19,8 | | | |
| | 45 | 319 | 1,3 | 31,45 | 6,0 | 19,6 | 9,0 | 19,6 | | | |
| | 51 | 281 | 1,4 | 27,65 | 6,3 | 19,1 | 9,0 | 19,1 | | | |
| | 58 | 248 | 1,6 | 24,53 | 6,5 | 18,7 | 9,0 | 18,7 | | | |
| | 68 | 212 | 1,9 | 20,87 | 6,7 | 18,1 | 9,0 | 18,1 | | | |
| | 81 | 177 | 2,1 | 17,45 | 6,9 | 17,3 | 9,0 | 17,3 | | | |
| | 93 | 155 | 2,5 | 15,30 | 7,0 | 16,8 | 9,0 | 16,8 | | | |
| | 115 | 124 | 1,8 | 12,23 | 7,1 | 15,7 | 9,0 | 15,7 | | | |
| | 130 | 110 | 1,8 | 10,85 | 7,1 | 15,3 | 9,0 | 15,3 | | | |
| | 153 | 93,8 | 2,1 | 9,23 | 7,2 | 14,7 | 9,0 | 14,7 | | | |
| | 175 | 81,9 | 2,2 | 8,09 | 7,2 | 14,2 | 9,0 | 14,2 | | | |



IE3

# 1,50 kW
# 2,20 kW

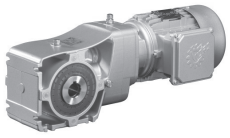
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 37 | 383 | 0,8 | 37,82 | 7,4 | 20,0 | 7,4 | 20,0 | **SK 92672.1 - 90 LP/4** | 40 | E66-67 |
| | 42 | 341 | 1,1 | 33,71 | 7,6 | 20,0 | 7,6 | 20,0 | | | |
| | 46 | 310 | 1,0 | 30,67 | 7,8 | 20,0 | 7,8 | 20,0 | | | |
| | 52 | 277 | 1,3 | 27,33 | 7,9 | 20,0 | 7,9 | 20,0 | | | |
| | 57 | 252 | 1,4 | 24,88 | 8,0 | 20,0 | 8,0 | 20,0 | | | |
| | 71 | 202 | 1,5 | 20,00 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 78 | 184 | 1,9 | 18,21 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 81 | 177 | 1,8 | 17,46 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 91 | 158 | 2,3 | 15,56 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 98 | 146 | 2,2 | 14,40 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 110 | 130 | 2,8 | 12,84 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 124 | 115 | 3,1 | 11,39 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 139 | 103 | 3,5 | 10,16 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 151 | 95,1 | 3,7 | 9,39 | 8,4 | 20,0 | 8,4 | 20,0 | | | |
| | 56 | 254 | 0,9 | 25,06 | 5,5 | 15,0 | 5,8 | 15,0 | **SK 92372.1 - 90 LP/4** | 29 | E64-65 |
| | 63 | 228 | 0,8 | 22,49 | 5,7 | 15,0 | 6,0 | 15,0 | | | |
| | 71 | 203 | 1,1 | 20,04 | 5,9 | 15,0 | 6,1 | 15,0 | | | |
| | 77 | 186 | 1,0 | 18,33 | 6,0 | 15,0 | 6,2 | 15,0 | | | |
| | 89 | 160 | 1,1 | 15,84 | 6,1 | 15,0 | 6,3 | 15,0 | | | |
| | 100 | 143 | 1,5 | 14,12 | 6,1 | 15,0 | 6,4 | 15,0 | | | |
| | 113 | 127 | 1,4 | 12,56 | 6,2 | 15,0 | 6,5 | 15,0 | | | |
| | 126 | 113 | 1,9 | 11,20 | 6,2 | 15,0 | 6,5 | 15,0 | | | |
| | 137 | 105 | 2,1 | 10,33 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 138 | 103 | 1,8 | 10,22 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 155 | 92,2 | 2,4 | 9,11 | 6,3 | 15,0 | 6,5 | 15,0 | | | |
| | 173 | 83,0 | 2,5 | 8,19 | 6,3 | 15,0 | 6,6 | 15,0 | | | |
| | 202 | 70,9 | 2,8 | 7,01 | 6,4 | 15,0 | 6,3 | 15,0 | | | |
| | 212 | 67,5 | 3,0 | 6,67 | 6,4 | 15,0 | 6,3 | 15,0 | | | |
| | 243 | 59,1 | 3,2 | 5,83 | 6,4 | 14,4 | 6,0 | 14,4 | | | |
| | 149 | 96,1 | 1,1 | 9,49 | 4,7 | 10,7 | 4,7 | 10,7 | **SK 92172.1 - 90 LP/4** | 24 | E62-63 |
| | 170 | 84,4 | 1,4 | 8,33 | 4,8 | 10,4 | 4,8 | 10,4 | | | |
| | 181 | 79,3 | 1,4 | 7,83 | 4,8 | 10,3 | 4,8 | 10,3 | | | |
| | 204 | 70,3 | 1,6 | 6,94 | 4,8 | 10,0 | 4,7 | 10,0 | | | |
| | 217 | 66,1 | 1,4 | 6,53 | 4,8 | 9,8 | 4,6 | 9,8 | | | |
| | 245 | 58,4 | 1,6 | 5,77 | 4,9 | 9,7 | 4,4 | 9,7 | | | |
| | 269 | 53,2 | 2,0 | 5,26 | 4,9 | 9,5 | 4,3 | 9,5 | | | |
| | 289 | 49,5 | 2,2 | 4,89 | 4,9 | 9,3 | 4,3 | 9,3 | | | |
| | 329 | 43,5 | 2,4 | 4,30 | 4,9 | 9,0 | 4,1 | 9,0 | | | |
| | 368 | 38,9 | 2,3 | 3,85 | 4,9 | 8,5 | 4,0 | 8,5 | | | |
| | 395 | 36,2 | 2,4 | 3,58 | 4,9 | 8,2 | 3,9 | 8,2 | | | |
| 2,20 | 1,1 | 19410 | 2,6 | 1353,86 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 100 LP/4** | 1890 | E112-113<br>E115 |
| | 1,0 | 20430 | 1,6 | 1424,80 | 75,5 | 70,0 | 139,8 | 70,0 | **SK 9092.1/52 - 100 LP/4** | 1500 | E110-111<br>E114 |
| | 1,3 | 16050 | 2,0 | 1120,00 | 85,3 | 70,0 | 151,3 | 70,0 | | | |
| | 1,7 | 12130 | 2,6 | 846,40 | 93,1 | 70,0 | 160,0 | 70,0 | | | |
| | 1,0 | 20980 | 1,0 | 1463,40 | 72,5 | 65,0 | 90,8 | 65,0 | **SK 9086.1/52 - 100 LP/4** | 934 | E108-109<br>E114 |
| | 1,2 | 17260 | 1,2 | 1202,18 | 84,2 | 65,0 | 101,2 | 65,0 | | | |
| | 1,6 | 13050 | 1,5 | 907,88 | 93,4 | 65,0 | 111,9 | 65,0 | | | |
| | 2,0 | 10250 | 2,0 | 714,15 | 98,2 | 65,0 | 118,4 | 65,0 | | | |
| | 2,3 | 8943 | 2,2 | 623,16 | 99,9 | 65,0 | 120,0 | 65,0 | | | |
| | 1,4 | 14600 | 0,9 | 1017,77 | 78,9 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 100 LP/4** | 659 | E106-107<br>E114 |
| | 1,7 | 12120 | 1,1 | 845,38 | 84,8 | 60,0 | 95,0 | 60,0 | | | |
| | 2,1 | 10110 | 1,3 | 704,48 | 88,7 | 60,0 | 95,0 | 60,0 | | | |
| | 2,4 | 8646 | 1,5 | 603,37 | 90,9 | 60,0 | 95,0 | 60,0 | | | |
| | 3,3 | 6372 | 2,0 | 443,41 | 93,7 | 60,0 | 95,0 | 60,0 | | | |
| | 3,9 | 5449 | 2,4 | 379,59 | 94,5 | 60,0 | 95,0 | 60,0 | | | |
| | 5,1 | 4102 | 3,2 | 285,05 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 5,4 | 3864 | 2,2 | 269,39 | 63,1 | 50,0 | 66,0 | 50,0 | **SK 9072.1/42 - 100 LP/4** | 399 | E104-105<br>E114 |
| | 1,9 | 10970 | 0,8 | 767,55 | 38,5 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 100 LP/4** | 382 | E104-105<br>E114 |
| | 2,5 | 8548 | 1,0 | 598,27 | 51,0 | 50,0 | 66,0 | 50,0 | | | |
| | 3,1 | 6753 | 1,3 | 473,22 | 57,0 | 50,0 | 66,0 | 50,0 | | | |
| | 3,8 | 5517 | 1,5 | 385,88 | 60,1 | 50,0 | 66,0 | 50,0 | | | |
| | 4,7 | 4447 | 1,9 | 311,10 | 62,2 | 50,0 | 66,0 | 50,0 | | | |

# 2,20 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2,20 | 6,0 | 3521 | 2,4 | 245,76 | 63,6 | 50,0 | 66,0 | 50,0 | **SK 9072.1 - 100 LP/4** | 348 | E104-105 |
| | 7,1 | 2968 | 2,9 | 206,84 | 64,2 | 50,0 | 66,0 | 50,0 | | | |
| | 4,2 | 5003 | 1,0 | 348,91 | 14,7 | 45,0 | 33,1 | 45,0 | **SK 9053.1 - 100 LP/4** | 226 | E102-103 |
| | 5,5 | 3795 | 1,3 | 265,11 | 22,9 | 45,0 | 37,4 | 45,0 | | | |
| | 6,4 | 3284 | 1,5 | 229,07 | 25,1 | 45,0 | 38,0 | 45,0 | | | |
| | 8,9 | 2366 | 2,0 | 164,99 | 27,9 | 45,0 | 38,0 | 45,0 | | | |
| | 5,1 | 4153 | 1,2 | 289,61 | 21,0 | 45,0 | 36,3 | 45,0 | **SK 9052.1 - 100 LP/4** | 208 | E100-101 |
| | 5,9 | 3547 | 1,4 | 247,06 | 24,0 | 45,0 | 38,0 | 45,0 | | | |
| | 7,4 | 2845 | 1,7 | 198,38 | 26,6 | 45,0 | 38,0 | 45,0 | | | |
| | 8,6 | 2430 | 2,0 | 169,24 | 27,8 | 45,0 | 38,0 | 45,0 | | | |
| | 10 | 2084 | 1,7 | 145,16 | 28,6 | 45,0 | 38,0 | 45,0 | | | |
| | 12 | 1721 | 2,8 | 120,03 | 29,3 | 45,0 | 38,0 | 45,0 | | | |
| | 14 | 1470 | 3,3 | 102,40 | 29,7 | 45,0 | 38,0 | 45,0 | | | |
| | 7,2 | 2927 | 1,0 | 204,38 | 20,6 | 40,0 | 28,0 | 23,6 | **SK 9043.1 - 100 LP/4** | 148 | E98-99 |
| | 8,5 | 2468 | 1,1 | 172,08 | 23,1 | 40,0 | 28,0 | 23,6 | | | |
| | 6,2 | 3368 | 0,8 | 235,01 | 17,5 | 40,0 | 28,0 | 23,4 | **SK 9042.1 - 100 LP/4** | 133 | E96-97 |
| | 7,5 | 2798 | 1,0 | 195,12 | 21,4 | 40,0 | 28,0 | 23,3 | | | |
| | 9,2 | 2293 | 1,2 | 159,94 | 23,9 | 40,0 | 28,0 | 23,5 | | | |
| | 11 | 1905 | 1,5 | 132,79 | 25,3 | 40,0 | 28,0 | 23,1 | | | |
| | 12 | 1689 | 1,4 | 117,79 | 26,0 | 40,0 | 28,0 | 23,1 | | | |
| | 15 | 1370 | 2,0 | 95,56 | 26,8 | 40,0 | 28,0 | 22,4 | | | |
| | 17 | 1240 | 2,3 | 86,43 | 27,0 | 40,0 | 28,0 | 22,1 | | | |
| | 19 | 1091 | 2,6 | 76,18 | 27,3 | 40,0 | 28,0 | 21,7 | | | |
| | 21 | 983 | 2,8 | 68,61 | 27,5 | 40,0 | 28,0 | 21,3 | | | |
| | 23 | 906 | 3,1 | 63,25 | 27,6 | 40,0 | 28,0 | 20,9 | | | |
| | 26 | 798 | 3,5 | 55,69 | 27,7 | 40,0 | 28,0 | 20,5 | | | |
| | 13 | 1591 | 1,0 | 110,77 | 6,8 | 14,5 | 15,0 | 12,5 | **SK 9032.1 - 100 LP/4** | 86 | E92-93 |
| | 16 | 1343 | 1,2 | 93,50 | 10,0 | 14,5 | 15,0 | 12,6 | | | |
| | 17 | 1207 | 1,3 | 84,17 | 11,2 | 14,5 | 15,0 | 12,7 | | | |
| | 19 | 1089 | 1,4 | 75,91 | 11,3 | 14,5 | 15,0 | 12,7 | | | |
| | 23 | 919 | 1,7 | 64,08 | 11,1 | 14,5 | 15,0 | 12,5 | | | |
| | 25 | 848 | 1,8 | 59,17 | 11,2 | 14,5 | 15,0 | 12,5 | | | |
| | 29 | 716 | 2,2 | 49,94 | 10,9 | 14,5 | 15,0 | 12,2 | | | |
| | 31 | 684 | 2,3 | 47,70 | 10,9 | 14,5 | 15,0 | 12,2 | | | |
| | 36 | 579 | 2,7 | 40,36 | 10,6 | 14,5 | 15,0 | 11,9 | | | |
| | 38 | 546 | 2,8 | 38,05 | 10,5 | 14,5 | 15,0 | 11,8 | | | |
| | 41 | 511 | 3,0 | 35,61 | 10,4 | 14,5 | 15,0 | 11,6 | | | |
| | 49 | 426 | 3,5 | 29,66 | 10,0 | 14,5 | 15,0 | 11,3 | | | |
| | 19 | 1131 | 0,8 | 78,89 | 0 | 12,0 | 0 | 11,0 | **SK 9022.1 - 100 LP/4** | 66 | E88-89 |
| | 22 | 953 | 0,9 | 66,42 | 0,1 | 12,0 | 7,7 | 11,4 | | | |
| | 25 | 835 | 1,0 | 58,25 | 2,0 | 12,0 | 9,2 | 11,4 | | | |
| | 28 | 747 | 1,2 | 52,02 | 4,6 | 12,0 | 10,1 | 11,4 | | | |
| | 30 | 703 | 1,2 | 49,01 | 5,4 | 12,0 | 10,4 | 11,2 | | | |
| | 33 | 642 | 1,3 | 44,71 | 6,2 | 12,0 | 10,9 | 11,2 | | | |
| | 37 | 569 | 1,5 | 39,77 | 7,0 | 12,0 | 11,4 | 11,1 | | | |
| | 44 | 477 | 1,8 | 33,26 | 7,8 | 12,0 | 11,9 | 10,8 | | | |
| | 47 | 451 | 1,8 | 31,38 | 8,0 | 12,0 | 12,0 | 10,8 | | | |
| | 50 | 419 | 2,1 | 29,20 | 8,2 | 12,0 | 12,0 | 10,7 | | | |
| | 56 | 375 | 2,3 | 26,07 | 8,5 | 12,0 | 12,0 | 10,5 | | | |
| | 60 | 352 | 2,4 | 24,56 | 8,4 | 12,0 | 12,0 | 10,4 | | | |
| | 65 | 322 | 2,4 | 22,41 | 8,4 | 12,0 | 12,0 | 10,2 | | | |
| | 74 | 286 | 2,7 | 19,93 | 8,2 | 12,0 | 12,0 | 10,0 | | | |
| | 37 | 564 | 1,1 | 39,32 | 9,0 | 25,0 | 9,0 | 25,0 | **SK 92772.1 - 100 LP/4** | 63 | E68-69 |
| | 42 | 503 | 1,3 | 35,04 | 9,3 | 25,0 | 9,3 | 25,0 | | | |
| | 46 | 457 | 1,4 | 31,85 | 9,5 | 25,0 | 9,5 | 25,0 | | | |
| | 52 | 407 | 1,5 | 28,38 | 9,7 | 25,0 | 9,7 | 25,0 | | | |
| | 58 | 363 | 1,7 | 25,34 | 9,9 | 25,0 | 9,9 | 25,0 | | | |
| | 65 | 324 | 2,0 | 22,59 | 10,0 | 25,0 | 10,0 | 25,0 | | | |
| | 69 | 303 | 2,1 | 21,14 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 76 | 275 | 2,3 | 19,17 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 78 | 270 | 2,4 | 18,84 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 86 | 245 | 2,6 | 17,08 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 95 | 221 | 2,9 | 15,42 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 106 | 198 | 3,1 | 13,79 | 10,3 | 25,0 | 10,3 | 25,0 | | | |



IE3

# 2,20 kW
# 3,00 kW

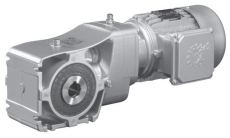
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2,20** | 28 | 752 | 0,8 | 52,44 | 5,2 | 18,5 | 9,0 | 18,5 | **SK 9016.1 - 100 LP/4** | 59 | E84-85 |
| | 32 | 662 | 0,9 | 46,11 | 6,6 | 18,4 | 9,0 | 18,4 | | | |
| | 36 | 586 | 1,0 | 40,92 | 7,4 | 18,3 | 9,0 | 18,3 | | | |
| | 42 | 500 | 1,2 | 34,81 | 8,2 | 18,1 | 9,0 | 18,1 | | | |
| | 48 | 436 | 1,4 | 30,52 | 8,6 | 17,9 | 9,0 | 17,9 | | | |
| | 56 | 377 | 1,6 | 26,29 | 9,0 | 17,5 | 9,0 | 17,5 | | | |
| | 63 | 332 | 1,6 | 23,11 | 9,0 | 17,2 | 9,0 | 17,2 | | | |
| | 71 | 294 | 2,0 | 20,51 | 9,0 | 16,8 | 9,0 | 16,8 | | | |
| | 84 | 251 | 2,2 | 17,45 | 9,0 | 16,4 | 9,0 | 16,4 | | | |
| | 96 | 219 | 2,4 | 15,10 | 9,0 | 15,9 | 9,0 | 15,9 | | | |
| | 117 | 179 | 2,9 | 12,51 | 9,0 | 15,2 | 9,0 | 15,2 | | | |
| | 42 | 500 | 0,8 | 34,81 | 3,1 | 18,1 | 7,6 | 18,1 | **SK 9012.1 - 100 LP/4** | 58 | E80-81 |
| | 47 | 451 | 0,9 | 31,45 | 4,2 | 18,0 | 8,1 | 18,0 | | | |
| | 53 | 398 | 1,0 | 27,65 | 5,1 | 17,7 | 8,6 | 17,7 | | | |
| | 60 | 352 | 1,1 | 24,53 | 5,6 | 17,4 | 8,9 | 17,4 | | | |
| | 70 | 300 | 1,3 | 20,87 | 6,1 | 17,0 | 9,0 | 17,0 | | | |
| | 84 | 251 | 1,5 | 17,45 | 6,5 | 16,4 | 9,0 | 16,4 | | | |
| | 96 | 219 | 1,7 | 15,30 | 6,7 | 15,9 | 9,0 | 15,9 | | | |
| | 119 | 176 | 1,3 | 12,23 | 6,9 | 15,0 | 9,0 | 15,0 | | | |
| | 135 | 156 | 1,3 | 10,85 | 7,0 | 14,6 | 9,0 | 14,6 | | | |
| | 158 | 133 | 1,5 | 9,23 | 7,1 | 14,1 | 9,0 | 14,1 | | | |
| | 181 | 116 | 1,6 | 8,09 | 7,1 | 13,7 | 9,0 | 13,7 | | | |
| | 59 | 357 | 1,0 | 24,88 | 7,5 | 20,0 | 7,5 | 20,0 | **SK 92672.1 - 100 LP/4** | 51 | E66-67 |
| | 80 | 261 | 1,3 | 18,21 | 8,0 | 20,0 | 8,0 | 20,0 | | | |
| | 84 | 250 | 1,3 | 17,46 | 8,0 | 20,0 | 8,0 | 20,0 | | | |
| | 94 | 223 | 1,6 | 15,56 | 8,1 | 20,0 | 8,1 | 20,0 | | | |
| | 102 | 207 | 1,5 | 14,40 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 114 | 184 | 2,0 | 12,84 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 129 | 163 | 2,2 | 11,39 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 144 | 146 | 2,5 | 10,16 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 156 | 135 | 2,6 | 9,39 | 8,3 | 20,0 | 8,3 | 20,0 | | | |
| | 176 | 120 | 2,9 | 8,33 | 8,4 | 19,9 | 8,4 | 19,9 | | | |
| | 197 | 107 | 3,3 | 7,44 | 8,4 | 19,3 | 8,4 | 19,3 | | | |
| | 117 | 180 | 1,0 | 12,56 | 6,0 | 15,0 | 6,2 | 15,0 | **SK 92372.1 - 100 LP/4** | 40 | E64-65 |
| | 131 | 161 | 1,4 | 11,20 | 6,1 | 15,0 | 6,3 | 15,0 | | | |
| | 143 | 147 | 1,3 | 10,22 | 6,1 | 15,0 | 6,4 | 15,0 | | | |
| | 161 | 131 | 1,7 | 9,11 | 6,2 | 15,0 | 6,4 | 15,0 | | | |
| | 179 | 118 | 1,8 | 8,19 | 6,2 | 14,8 | 6,3 | 14,8 | | | |
| | 209 | 101 | 2,0 | 7,01 | 6,3 | 14,5 | 6,0 | 14,5 | | | |
| | 220 | 95,6 | 2,1 | 6,67 | 6,3 | 14,2 | 6,0 | 14,2 | | | |
| | 251 | 83,7 | 2,3 | 5,83 | 6,3 | 13,6 | 5,8 | 13,6 | | | |
| | 286 | 73,5 | 2,5 | 5,13 | 6,3 | 12,8 | 5,6 | 12,8 | | | |
| | 340 | 61,7 | 3,0 | 4,31 | 6,4 | 11,9 | 5,3 | 11,9 | | | |
| | 394 | 53,3 | 3,4 | 3,72 | 6,4 | 11,2 | 5,1 | 11,2 | | | |
| **3,00** | 1,1 | 26570 | 1,9 | 1353,86 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 100 AP/4** | 1890 | E112-113 |
| | 1,3 | 22860 | 2,2 | 1165,22 | 220,0 | 100,0 | - | - | | | E115 |
| | 1,5 | 19220 | 2,6 | 979,31 | 220,0 | 100,0 | - | - | | | |
| | 1,8 | 16020 | 3,1 | 816,57 | 220,0 | 100,0 | - | - | | | |
| | 1,0 | 27950 | 1,1 | 1424,80 | 55,8 | 70,0 | 118,3 | 70,0 | **SK 9092.1/52 - 100 AP/4** | 1500 | E110-111 |
| | 1,3 | 21960 | 1,5 | 1120,00 | 71,8 | 70,0 | 135,7 | 70,0 | | | E114 |
| | 1,7 | 16600 | 1,9 | 846,40 | 84,1 | 70,0 | 149,9 | 70,0 | | | |
| | 2,1 | 13860 | 2,3 | 706,40 | 89,8 | 70,0 | 156,7 | 70,0 | | | |
| | 2,4 | 11960 | 2,7 | 608,12 | 93,5 | 70,0 | 160,0 | 70,0 | | | |
| | 3,3 | 8676 | 3,7 | 441,46 | 99,4 | 70,0 | 160,0 | 70,0 | | | |
| | 1,2 | 23620 | 0,8 | 1202,18 | 61,0 | 65,0 | 82,9 | 65,0 | **SK 9086.1/52 - 100 AP/4** | 934 | E108-109 |
| | 1,6 | 17850 | 1,1 | 907,88 | 82,8 | 65,0 | 99,6 | 65,0 | | | E114 |
| | 2,0 | 14030 | 1,4 | 714,15 | 91,4 | 65,0 | 109,5 | 65,0 | | | |
| | 2,3 | 12240 | 1,6 | 623,16 | 95,1 | 65,0 | 113,8 | 65,0 | | | |
| | 3,4 | 8535 | 2,3 | 433,35 | 100,3 | 65,0 | 120,0 | 65,0 | | | |
| | 3,8 | 7446 | 2,7 | 378,14 | 101,5 | 65,0 | 120,0 | 65,0 | | | |

# 3,00 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 1,7 | 16590 | 0,8 | 845,38 | 72,2 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 100 AP/4** | 659 | E106-107 E114 |
| | 2,1 | 13830 | 0,9 | 704,48 | 80,5 | 60,0 | 95,0 | 60,0 | | | |
| | 2,4 | 11830 | 1,1 | 603,37 | 85,2 | 60,0 | 95,0 | 60,0 | | | |
| | 3,3 | 8719 | 1,5 | 443,41 | 90,7 | 60,0 | 95,0 | 60,0 | | | |
| | 3,8 | 7456 | 1,7 | 379,59 | 92,4 | 60,0 | 95,0 | 60,0 | | | |
| | 5,1 | 5612 | 2,3 | 285,05 | 94,3 | 60,0 | 95,0 | 60,0 | | | |
| | 5,4 | 5287 | 1,6 | 269,39 | 60,5 | 50,0 | 66,0 | 50,0 | **SK 9072.1/42 - 100 AP/4** | 399 | E104-105 E114 |
| | 3,1 | 9240 | 0,9 | 473,22 | 47,5 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 100 AP/4** | 382 | E104-105 E114 |
| | 3,8 | 7549 | 1,1 | 385,88 | 54,3 | 50,0 | 66,0 | 50,0 | | | |
| | 4,7 | 6085 | 1,4 | 311,10 | 58,6 | 50,0 | 66,0 | 50,0 | | | |
| | 5,9 | 4818 | 1,8 | 245,76 | 61,4 | 50,0 | 66,0 | 50,0 | **SK 9072.1 - 100 AP/4** | 348 | E104-105 |
| | 7,1 | 4061 | 2,1 | 206,84 | 62,8 | 50,0 | 66,0 | 50,0 | | | |
| | 11 | 2681 | 2,5 | 136,88 | 64,5 | 50,0 | 66,0 | 48,9 | | | |
| | 5,5 | 5193 | 0,9 | 265,11 | 11,8 | 45,0 | 31,9 | 45,0 | **SK 9053.1 - 100 AP/4** | 226 | E102-103 |
| | 6,4 | 4493 | 1,1 | 229,07 | 18,5 | 45,0 | 34,9 | 45,0 | | | |
| | 8,8 | 3238 | 1,5 | 164,99 | 25,1 | 45,0 | 38,0 | 45,0 | | | |
| | 5,0 | 5683 | 0,8 | 289,61 | 4,3 | 45,0 | 29,4 | 45,0 | **SK 9052.1 - 100 AP/4** | 208 | E100-101 |
| | 5,9 | 4854 | 1,0 | 247,06 | 15,7 | 45,0 | 33,5 | 45,0 | | | |
| | 7,4 | 3892 | 1,2 | 198,38 | 22,2 | 45,0 | 37,0 | 45,0 | | | |
| | 8,6 | 3324 | 1,4 | 169,24 | 24,8 | 45,0 | 38,0 | 45,0 | | | |
| | 10 | 2851 | 1,3 | 145,16 | 26,5 | 45,0 | 38,0 | 45,0 | | | |
| | 12 | 2355 | 2,0 | 120,03 | 27,9 | 45,0 | 38,0 | 45,0 | | | |
| | 14 | 2011 | 2,4 | 102,40 | 28,7 | 45,0 | 38,0 | 45,0 | | | |
| | 17 | 1729 | 2,8 | 88,17 | 29,2 | 45,0 | 38,0 | 45,0 | | | |
| | 20 | 1416 | 3,4 | 72,24 | 29,7 | 45,0 | 38,0 | 45,0 | | | |
| | 8,5 | 3376 | 0,8 | 172,08 | 7,5 | 40,0 | 20,2 | 21,6 | **SK 9043.1 - 100 AP/4** | 148 | E98-99 |
| | 9,1 | 3138 | 0,9 | 159,94 | 19,0 | 40,0 | 28,0 | 20,3 | **SK 9042.1 - 100 AP/4** | 133 | E96-97 |
| | 11 | 2607 | 1,1 | 132,79 | 22,3 | 40,0 | 28,0 | 20,3 | | | |
| | 12 | 2312 | 1,0 | 117,79 | 23,7 | 40,0 | 28,0 | 20,7 | | | |
| | 15 | 1875 | 1,5 | 95,56 | 25,3 | 40,0 | 28,0 | 20,5 | | | |
| | 17 | 1697 | 1,6 | 86,43 | 25,9 | 40,0 | 28,0 | 20,5 | | | |
| | 19 | 1493 | 1,9 | 76,18 | 26,4 | 40,0 | 28,0 | 20,2 | | | |
| | 21 | 1344 | 2,1 | 68,61 | 26,8 | 40,0 | 28,0 | 20,0 | | | |
| | 23 | 1240 | 2,3 | 63,25 | 27,0 | 40,0 | 28,0 | 19,6 | | | |
| | 26 | 1092 | 2,6 | 55,69 | 27,3 | 40,0 | 28,0 | 19,4 | | | |
| | 31 | 934 | 3,0 | 47,67 | 27,5 | 40,0 | 28,0 | 19,0 | | | |
| | 36 | 796 | 3,5 | 40,54 | 27,7 | 40,0 | 28,0 | 18,5 | | | |
| | 16 | 1838 | 0,8 | 93,50 | 0,3 | 14,5 | 13,7 | 10,3 | **SK 9032.1 - 100 AP/4** | 86 | E92-93 |
| | 17 | 1651 | 0,9 | 84,17 | 5,2 | 14,5 | 15,0 | 10,7 | | | |
| | 19 | 1490 | 1,0 | 75,91 | 8,1 | 14,5 | 15,0 | 10,9 | | | |
| | 23 | 1258 | 1,2 | 64,08 | 9,4 | 14,5 | 15,0 | 11,0 | | | |
| | 25 | 1161 | 1,3 | 59,17 | 9,6 | 14,5 | 15,0 | 11,1 | | | |
| | 29 | 980 | 1,6 | 49,94 | 9,6 | 14,5 | 15,0 | 11,0 | | | |
| | 31 | 935 | 1,7 | 47,70 | 9,6 | 14,5 | 15,0 | 11,1 | | | |
| | 36 | 792 | 2,0 | 40,36 | 9,6 | 14,5 | 15,0 | 11,0 | | | |
| | 38 | 747 | 2,1 | 38,05 | 9,6 | 14,5 | 15,0 | 10,9 | | | |
| | 41 | 700 | 2,2 | 35,61 | 9,4 | 14,5 | 15,0 | 10,8 | | | |
| | 49 | 582 | 2,6 | 29,66 | 9,3 | 14,5 | 15,0 | 10,6 | | | |
| | 58 | 492 | 3,1 | 25,03 | 9,0 | 14,5 | 15,0 | 10,4 | | | |
| | 61 | 469 | 3,3 | 23,91 | 9,0 | 14,5 | 15,0 | 10,3 | | | |
| | 72 | 397 | 3,8 | 20,23 | 8,8 | 14,1 | 15,0 | 10,0 | | | |
| | 85 | 336 | 4,3 | 17,08 | 8,4 | 13,5 | 15,0 | 9,7 | | | |
| | 91 | 315 | 4,4 | 16,04 | 8,4 | 13,3 | 15,0 | 9,6 | | | |
| | 25 | 1143 | 0,8 | 58,25 | 0 | 12,0 | 0 | 9,4 | **SK 9022.1 - 100 AP/4** | 66 | E88-89 |
| | 28 | 1022 | 0,8 | 52,02 | 0,1 | 12,0 | 6,3 | 9,8 | | | |
| | 30 | 961 | 0,9 | 49,01 | 0,9 | 12,0 | 7,4 | 9,7 | | | |
| | 33 | 879 | 1,0 | 44,71 | 2,0 | 12,0 | 8,6 | 9,9 | | | |
| | 37 | 779 | 1,1 | 39,77 | 3,7 | 12,0 | 9,7 | 10,0 | | | |
| | 44 | 653 | 1,3 | 33,26 | 6,0 | 12,0 | 10,8 | 9,8 | | | |
| | 46 | 617 | 1,3 | 31,38 | 6,5 | 12,0 | 11,1 | 9,9 | | | |



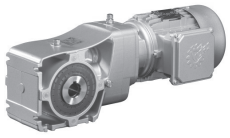
IE3

# 3,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3,00 | 50 | 573 | 1,5 | 29,20 | 6,9 | 12,0 | 11,3 | 9,9 | **SK 9022.1 - 100 AP/4** | 66 | E88-89 |
| | 56 | 513 | 1,7 | 26,07 | 7,5 | 12,0 | 11,7 | 9,8 | | | |
| | 59 | 482 | 1,8 | 24,56 | 7,7 | 12,0 | 11,9 | 9,6 | | | |
| | 65 | 441 | 1,8 | 22,41 | 7,7 | 12,0 | 12,0 | 9,6 | | | |
| | 73 | 391 | 1,9 | 19,93 | 7,6 | 12,0 | 12,0 | 9,5 | | | |
| | 83 | 344 | 2,1 | 17,52 | 7,3 | 12,0 | 12,0 | 9,1 | | | |
| | 90 | 320 | 1,9 | 16,30 | 7,2 | 12,0 | 12,0 | 9,0 | | | |
| | 100 | 286 | 2,0 | 14,56 | 7,1 | 11,7 | 12,0 | 8,8 | | | |
| | 116 | 246 | 2,2 | 12,51 | 6,9 | 11,3 | 12,0 | 8,6 | | | |
| | 37 | 771 | 0,8 | 39,32 | 7,5 | 25,0 | 7,5 | 25,0 | **SK 92772.1 - 100 AP/4** | 63 | E68-69 |
| | 42 | 688 | 1,0 | 35,04 | 8,2 | 25,0 | 8,2 | 25,0 | | | |
| | 46 | 625 | 1,0 | 31,85 | 8,6 | 25,0 | 8,6 | 25,0 | | | |
| | 51 | 557 | 1,1 | 28,38 | 9,0 | 25,0 | 9,0 | 25,0 | | | |
| | 58 | 497 | 1,3 | 25,34 | 9,3 | 25,0 | 9,3 | 25,0 | | | |
| | 65 | 443 | 1,5 | 22,59 | 9,6 | 25,0 | 9,6 | 25,0 | | | |
| | 69 | 415 | 1,5 | 21,14 | 9,7 | 25,0 | 9,7 | 25,0 | | | |
| | 76 | 376 | 1,7 | 19,17 | 9,8 | 25,0 | 9,8 | 25,0 | | | |
| | 77 | 370 | 1,7 | 18,84 | 9,9 | 25,0 | 9,9 | 25,0 | | | |
| | 85 | 335 | 1,9 | 17,08 | 10,0 | 25,0 | 10,0 | 25,0 | | | |
| | 95 | 303 | 2,1 | 15,42 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 106 | 271 | 2,2 | 13,79 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 117 | 245 | 2,4 | 12,50 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 129 | 221 | 2,6 | 11,28 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 149 | 193 | 3,0 | 9,81 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 165 | 174 | 3,2 | 8,85 | 10,3 | 25,0 | 10,3 | 25,0 | | | |
| | 42 | 684 | 0,9 | 34,81 | 6,2 | 16,2 | 9,0 | 16,2 | **SK 9016.1 - 100 AP/4** | 59 | E84-85 |
| | 48 | 597 | 1,0 | 30,52 | 7,2 | 16,2 | 9,0 | 16,2 | | | |
| | 56 | 516 | 1,2 | 26,29 | 8,0 | 16,0 | 9,0 | 16,0 | | | |
| | 63 | 454 | 1,1 | 23,11 | 8,5 | 15,9 | 9,0 | 15,9 | | | |
| | 71 | 402 | 1,4 | 20,51 | 8,8 | 15,7 | 9,0 | 15,7 | | | |
| | 83 | 343 | 1,6 | 17,45 | 9,0 | 15,4 | 9,0 | 15,4 | | | |
| | 96 | 300 | 1,7 | 15,10 | 9,0 | 15,1 | 9,0 | 15,1 | | | |
| | 117 | 245 | 2,1 | 12,51 | 9,0 | 14,5 | 9,0 | 14,5 | | | |
| | 59 | 482 | 0,8 | 24,53 | 3,5 | 16,1 | 7,8 | 16,1 | **SK 9012.1 - 100 AP/4** | 58 | E80-81 |
| | 70 | 411 | 1,0 | 20,87 | 4,8 | 15,9 | 8,5 | 15,9 | | | |
| | 83 | 343 | 1,1 | 17,45 | 5,7 | 15,4 | 9,0 | 15,4 | | | |
| | 96 | 300 | 1,3 | 15,30 | 6,1 | 15,1 | 9,0 | 15,1 | | | |
| | 119 | 241 | 0,9 | 12,23 | 6,5 | 14,2 | 9,0 | 14,2 | | | |
| | 134 | 213 | 0,9 | 10,85 | 6,7 | 14,0 | 9,0 | 14,0 | | | |
| | 158 | 182 | 1,1 | 9,23 | 6,9 | 13,6 | 9,0 | 13,6 | | | |
| | 181 | 159 | 1,1 | 8,09 | 7,0 | 13,2 | 9,0 | 13,2 | | | |
| | 80 | 357 | 1,0 | 18,21 | 7,5 | 20,0 | 7,5 | 20,0 | **SK 92672.1 - 100 AP/4** | 51 | E66-67 |
| | 84 | 343 | 0,9 | 17,46 | 7,6 | 20,0 | 7,6 | 20,0 | | | |
| | 94 | 305 | 1,2 | 15,56 | 7,8 | 20,0 | 7,8 | 20,0 | | | |
| | 101 | 283 | 1,1 | 14,40 | 7,9 | 20,0 | 7,9 | 20,0 | | | |
| | 114 | 252 | 1,4 | 12,84 | 8,0 | 20,0 | 8,0 | 20,0 | | | |
| | 128 | 223 | 1,6 | 11,39 | 8,1 | 20,0 | 8,1 | 20,0 | | | |
| | 144 | 199 | 1,8 | 10,16 | 8,2 | 20,0 | 8,2 | 20,0 | | | |
| | 155 | 184 | 1,9 | 9,39 | 8,2 | 19,6 | 8,2 | 19,6 | | | |
| | 175 | 164 | 2,1 | 8,33 | 8,3 | 19,1 | 8,3 | 19,1 | | | |
| | 196 | 146 | 2,4 | 7,44 | 8,3 | 18,6 | 8,3 | 18,6 | | | |
| | 218 | 131 | 2,4 | 6,68 | 8,3 | 18,2 | 8,2 | 18,2 | | | |
| | 259 | 111 | 2,8 | 5,64 | 8,4 | 16,6 | 7,9 | 16,6 | | | |
| | 335 | 85,5 | 3,7 | 4,36 | 8,4 | 14,9 | 7,4 | 14,9 | | | |
| | 130 | 220 | 1,0 | 11,20 | 5,8 | 14,9 | 6,0 | 14,9 | **SK 92372.1 - 100 AP/4** | 40 | E64-65 |
| | 143 | 201 | 0,9 | 10,22 | 5,9 | 14,8 | 6,1 | 14,8 | | | |
| | 160 | 179 | 1,2 | 9,11 | 6,0 | 14,4 | 6,1 | 14,4 | | | |
| | 178 | 161 | 1,3 | 8,19 | 6,1 | 13,9 | 6,1 | 13,9 | | | |
| | 208 | 138 | 1,5 | 7,01 | 6,2 | 13,8 | 5,8 | 13,8 | | | |
| | 219 | 131 | 1,6 | 6,67 | 6,2 | 13,4 | 5,8 | 13,4 | | | |
| | 250 | 114 | 1,7 | 5,83 | 6,2 | 12,8 | 5,6 | 12,8 | | | |
| | 285 | 101 | 1,8 | 5,13 | 6,3 | 12,2 | 5,4 | 12,2 | | | |
| | 339 | 84,5 | 2,2 | 4,31 | 6,3 | 11,4 | 5,2 | 11,4 | | | |
| | 393 | 73,0 | 2,5 | 3,72 | 6,3 | 10,8 | 5,0 | 10,8 | | | |

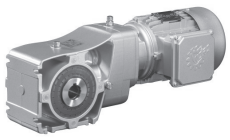
# 4,00 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4,00** | 1,1 | 35910 | 1,4 | 1353,86 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 112 MP/4** | 1900 | E112-113 |
| | 1,2 | 30910 | 1,6 | 1165,22 | 220,0 | 100,0 | - | - | | | E115 |
| | 1,5 | 25980 | 1,9 | 979,31 | 220,0 | 100,0 | - | - | | | |
| | 1,8 | 21660 | 2,3 | 816,57 | 220,0 | 100,0 | - | - | | | |
| | 2,0 | 18640 | 2,7 | 702,80 | 220,0 | 100,0 | - | - | | | |
| | 1,0 | 37790 | 0,8 | 1424,80 | 22,2 | 70,0 | 85,9 | 70,0 | **SK 9092.1/52 - 112 MP/4** | 1510 | E110-111 |
| | 1,3 | 29690 | 1,1 | 1120,00 | 50,6 | 70,0 | 112,9 | 70,0 | | | E114 |
| | 1,7 | 22440 | 1,4 | 846,40 | 70,6 | 70,0 | 134,3 | 70,0 | | | |
| | 2,0 | 18740 | 1,7 | 706,40 | 79,4 | 70,0 | 144,3 | 70,0 | | | |
| | 2,4 | 16170 | 2,0 | 608,12 | 85,0 | 70,0 | 150,9 | 70,0 | | | |
| | 3,3 | 11730 | 2,7 | 441,46 | 93,9 | 70,0 | 160,0 | 70,0 | | | |
| | 3,7 | 10250 | 3,1 | 385,67 | 96,6 | 70,0 | 160,0 | 70,0 | | | |
| | 1,6 | 24130 | 0,8 | 907,88 | 58,3 | 65,0 | 81,3 | 65,0 | **SK 9086.1/52 - 112 MP/4** | 942 | E108-109 |
| | 2,0 | 18960 | 1,1 | 714,15 | 79,5 | 65,0 | 96,6 | 65,0 | | | E114 |
| | 2,3 | 16540 | 1,2 | 623,16 | 85,9 | 65,0 | 103,1 | 65,0 | | | |
| | 3,3 | 11540 | 1,7 | 433,35 | 96,3 | 65,0 | 115,5 | 65,0 | | | |
| | 3,8 | 10070 | 2,0 | 378,14 | 98,5 | 65,0 | 118,9 | 65,0 | | | |
| | 5,3 | 7211 | 2,8 | 270,47 | 101,7 | 65,0 | 120,0 | 65,0 | | | |
| | 5,8 | 6537 | 2,0 | 245,62 | 93,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1/52 - 112 MP/4** | 692 | E106-107 |
| | 7,9 | 4836 | 2,7 | 182,09 | 95,0 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 9,8 | 3882 | 3,3 | 146,19 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 2,4 | 15990 | 0,8 | 603,37 | 75,4 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 112 MP/4** | 666 | E106-107 |
| | 3,2 | 11790 | 1,1 | 443,41 | 85,9 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 3,8 | 10080 | 1,3 | 379,59 | 89,0 | 60,0 | 95,0 | 60,0 | | | |
| | 5,0 | 7587 | 1,7 | 285,05 | 92,5 | 60,0 | 95,0 | 60,0 | | | |
| | 12 | 3092 | 4,2 | 116,45 | 95,0 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 112 MP/4** | 616 | E106-107 |
| | 5,3 | 7147 | 1,2 | 269,39 | 56,2 | 50,0 | 66,0 | 49,8 | **SK 9072.1/42 - 112 MP/4** | 406 | E104-105 |
| | 7,3 | 5207 | 1,4 | 196,12 | 60,9 | 50,0 | 66,0 | 47,8 | | | E114 |
| | 9,2 | 4166 | 1,5 | 156,70 | 62,8 | 50,0 | 66,0 | 45,9 | | | |
| | 11 | 3563 | 1,7 | 134,14 | 63,6 | 50,0 | 66,0 | 44,6 | | | |
| | 3,7 | 10210 | 0,8 | 385,88 | 44,0 | 50,0 | 66,0 | 50,0 | **SK 9072.1/32 - 112 MP/4** | 390 | E104-105 |
| | 4,6 | 8225 | 1,0 | 311,10 | 52,7 | 50,0 | 66,0 | 50,0 | | | E114 |
| | 5,9 | 6513 | 1,3 | 245,76 | 58,0 | 50,0 | 66,0 | 50,0 | **SK 9072.1 - 112 MP/4** | 356 | E104-105 |
| | 7,0 | 5490 | 1,5 | 206,84 | 60,4 | 50,0 | 66,0 | 50,0 | | | |
| | 11 | 3625 | 1,8 | 136,88 | 63,5 | 50,0 | 66,0 | 46,8 | | | |
| | 13 | 2920 | 2,9 | 110,18 | 64,3 | 50,0 | 66,0 | 45,5 | | | |
| | 16 | 2426 | 3,5 | 91,47 | 64,8 | 50,0 | 66,0 | 43,7 | | | |
| | 6,3 | 6074 | 0,8 | 229,07 | 3,0 | 45,0 | 27,9 | 45,0 | **SK 9053.1 - 112 MP/4** | 234 | E102-103 |
| | 8,7 | 4377 | 1,1 | 164,99 | 20,0 | 45,0 | 35,8 | 45,0 | | | |
| | 7,3 | 5262 | 0,9 | 198,38 | 12,6 | 45,0 | 32,2 | 45,0 | **SK 9052.1 - 112 MP/4** | 216 | E100-101 |
| | 8,5 | 4494 | 1,1 | 169,24 | 19,3 | 45,0 | 35,4 | 45,0 | | | |
| | 9,9 | 3854 | 0,9 | 145,16 | 22,9 | 45,0 | 37,4 | 45,0 | | | |
| | 12 | 3183 | 1,5 | 120,03 | 25,6 | 45,0 | 38,0 | 45,0 | | | |
| | 14 | 2719 | 1,8 | 102,40 | 27,1 | 45,0 | 38,0 | 45,0 | | | |
| | 16 | 2337 | 2,1 | 88,17 | 28,1 | 45,0 | 38,0 | 45,0 | | | |
| | 20 | 1915 | 2,5 | 72,24 | 29,0 | 45,0 | 38,0 | 45,0 | | | |
| | 23 | 1657 | 2,9 | 62,42 | 29,4 | 45,0 | 38,0 | 45,0 | | | |
| | 26 | 1447 | 3,3 | 54,56 | 29,7 | 45,0 | 38,0 | 45,0 | | | |
| | 11 | 3524 | 0,8 | 132,79 | 16,5 | 40,0 | 28,0 | 16,9 | **SK 9042.1 - 112 MP/4** | 140 | E96-97 |
| | 12 | 3125 | 0,8 | 117,79 | 19,6 | 40,0 | 28,0 | 17,7 | | | |
| | 15 | 2535 | 1,1 | 95,56 | 22,9 | 40,0 | 28,0 | 18,1 | | | |
| | 17 | 2295 | 1,2 | 86,43 | 24,0 | 40,0 | 28,0 | 18,3 | | | |
| | 19 | 2018 | 1,4 | 76,18 | 25,0 | 40,0 | 28,0 | 18,3 | | | |
| | 21 | 1818 | 1,5 | 68,61 | 25,6 | 40,0 | 28,0 | 18,3 | | | |
| | 23 | 1677 | 1,7 | 63,25 | 26,0 | 40,0 | 28,0 | 18,0 | | | |
| | 26 | 1477 | 1,9 | 55,69 | 26,5 | 40,0 | 28,0 | 18,0 | | | |



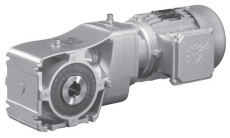
IE3

# 4,00 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **4,00** | 30 | 1263 | 2,2 | 47,67 | 27,0 | 40,0 | 28,0 | 17,7 | **SK 9042.1 - 112 MP/4** | 140 | E96-97 |
| | 36 | 1076 | 2,6 | 40,54 | 27,4 | 40,0 | 28,0 | 17,4 | | | |
| | 42 | 912 | 3,1 | 34,39 | 27,6 | 40,0 | 28,0 | 17,0 | | | |
| | 45 | 841 | 3,3 | 31,70 | 27,7 | 40,0 | 28,0 | 16,7 | | | |
| | 52 | 741 | 3,8 | 27,91 | 27,8 | 40,0 | 28,0 | 16,4 | | | |
| | 19 | 2014 | 0,8 | 75,91 | 0,5 | 11,7 | 12,3 | 8,6 | **SK 9032.1 - 112 MP/4** | 94 | E92-93 |
| | 22 | 1700 | 0,9 | 64,08 | 5,1 | 12,4 | 15,0 | 9,1 | | | |
| | 24 | 1569 | 1,0 | 59,17 | 7,5 | 13,0 | 15,0 | 9,4 | | | |
| | 29 | 1325 | 1,2 | 49,94 | 7,9 | 13,4 | 15,0 | 9,6 | | | |
| | 30 | 1265 | 1,2 | 47,70 | 8,1 | 13,6 | 15,0 | 9,7 | | | |
| | 36 | 1071 | 1,4 | 40,36 | 8,3 | 13,8 | 15,0 | 9,8 | | | |
| | 38 | 1010 | 1,5 | 38,05 | 8,3 | 13,8 | 15,0 | 9,8 | | | |
| | 40 | 946 | 1,6 | 35,61 | 8,3 | 13,6 | 15,0 | 9,8 | | | |
| | 49 | 787 | 1,9 | 29,66 | 8,4 | 13,6 | 15,0 | 9,8 | | | |
| | 57 | 665 | 2,3 | 25,03 | 8,2 | 13,2 | 15,0 | 9,6 | | | |
| | 60 | 634 | 2,4 | 23,91 | 8,2 | 13,2 | 15,0 | 9,6 | | | |
| | 71 | 537 | 2,8 | 20,23 | 8,1 | 12,9 | 15,0 | 9,4 | | | |
| | 84 | 454 | 3,2 | 17,08 | 7,9 | 12,4 | 15,0 | 9,2 | | | |
| | 90 | 425 | 3,3 | 16,04 | 7,8 | 12,2 | 15,0 | 9,1 | | | |
| | 106 | 359 | 3,8 | 13,49 | 7,6 | 11,7 | 15,0 | 8,9 | | | |
| | 114 | 336 | 3,0 | 12,68 | 7,3 | 11,2 | 15,0 | 8,6 | | | |
| | 134 | 285 | 3,2 | 10,73 | 7,1 | 10,7 | 15,0 | 8,3 | | | |
| | 36 | 1053 | 0,8 | 39,77 | 0,1 | 10,9 | 6,1 | 8,5 | **SK 9022.1 - 112 MP/4** | 74 | E88-89 |
| | 43 | 883 | 1,0 | 33,26 | 0,3 | 11,1 | 8,8 | 8,6 | | | |
| | 46 | 834 | 1,0 | 31,38 | 2,7 | 11,4 | 9,3 | 8,8 | | | |
| | 49 | 775 | 1,1 | 29,20 | 4,2 | 11,5 | 9,9 | 8,8 | | | |
| | 55 | 693 | 1,2 | 26,07 | 5,7 | 11,5 | 10,6 | 8,8 | | | |
| | 59 | 652 | 1,3 | 24,56 | 6,2 | 11,3 | 10,9 | 8,7 | | | |
| | 64 | 596 | 1,3 | 22,41 | 6,9 | 11,5 | 11,3 | 8,8 | | | |
| | 72 | 528 | 1,4 | 19,93 | 6,8 | 11,4 | 11,7 | 8,7 | | | |
| | 82 | 465 | 1,5 | 17,52 | 6,5 | 10,7 | 12,0 | 8,4 | | | |
| | 88 | 432 | 1,4 | 16,30 | 6,5 | 10,6 | 12,0 | 8,4 | | | |
| | 99 | 387 | 1,5 | 14,56 | 6,4 | 10,5 | 12,0 | 8,2 | | | |
| | 115 | 332 | 1,6 | 12,51 | 6,4 | 10,2 | 12,0 | 8,1 | | | |
| | 130 | 295 | 1,8 | 11,13 | 6,3 | 10,0 | 12,0 | 8,0 | | | |
| | 164 | 233 | 2,1 | 8,78 | 6,0 | 9,5 | 12,0 | 7,7 | | | |
| | 57 | 672 | 0,9 | 25,34 | 8,3 | 25,0 | 8,3 | 25,0 | **SK 92772.1 - 112 MP/4** | 70 | E68-69 |
| | 64 | 599 | 1,1 | 22,59 | 8,8 | 25,0 | 8,8 | 25,0 | | | |
| | 68 | 561 | 1,1 | 21,14 | 9,0 | 25,0 | 9,0 | 25,0 | | | |
| | 75 | 508 | 1,2 | 19,17 | 9,3 | 25,0 | 9,3 | 25,0 | | | |
| | 76 | 500 | 1,3 | 18,84 | 9,3 | 25,0 | 9,3 | 25,0 | | | |
| | 84 | 453 | 1,4 | 17,08 | 9,5 | 25,0 | 9,5 | 25,0 | | | |
| | 93 | 409 | 1,5 | 15,42 | 9,7 | 25,0 | 9,7 | 25,0 | | | |
| | 104 | 366 | 1,7 | 13,79 | 9,9 | 25,0 | 9,9 | 25,0 | | | |
| | 115 | 332 | 1,8 | 12,50 | 10,0 | 25,0 | 10,0 | 25,0 | | | |
| | 128 | 299 | 1,9 | 11,28 | 10,1 | 25,0 | 10,1 | 25,0 | | | |
| | 147 | 260 | 2,2 | 9,81 | 10,2 | 25,0 | 10,2 | 25,0 | | | |
| | 163 | 235 | 2,4 | 8,85 | 10,2 | 24,9 | 10,2 | 24,9 | | | |
| | 201 | 190 | 2,9 | 7,18 | 10,3 | 23,4 | 10,3 | 23,4 | | | |
| | 55 | 698 | 0,9 | 26,29 | 6,2 | 14,2 | 9,0 | 14,2 | **SK 9016.1 - 112 MP/4** | 66 | E84-85 |
| | 62 | 614 | 0,8 | 23,11 | 7,2 | 14,3 | 9,0 | 14,3 | | | |
| | 70 | 544 | 1,1 | 20,51 | 7,9 | 14,3 | 9,0 | 14,3 | | | |
| | 82 | 464 | 1,2 | 17,45 | 8,5 | 14,2 | 9,0 | 14,2 | | | |
| | 94 | 405 | 1,3 | 15,10 | 8,9 | 14,0 | 9,0 | 14,0 | | | |
| | 115 | 331 | 1,6 | 12,51 | 9,0 | 13,6 | 9,0 | 13,6 | | | |
| | 82 | 464 | 0,8 | 17,45 | 4,1 | 14,2 | 8,1 | 14,2 | **SK 9012.1 - 112 MP/4** | 66 | E80-81 |
| | 94 | 405 | 0,9 | 15,30 | 5,0 | 14,0 | 8,6 | 14,0 | | | |
| | 155 | 246 | 0,8 | 9,23 | 6,5 | 12,8 | 9,0 | 12,8 | | | |
| | 178 | 215 | 0,8 | 8,09 | 6,7 | 12,6 | 9,0 | 12,6 | | | |
| | 93 | 413 | 0,9 | 15,56 | 7,2 | 20,0 | 7,2 | 20,0 | **SK 92672.1 - 112 MP/4** | 59 | E66-67 |
| | 100 | 382 | 0,8 | 14,40 | 7,4 | 20,0 | 7,4 | 20,0 | | | |
| | 112 | 341 | 1,1 | 12,84 | 7,6 | 19,9 | 7,6 | 19,9 | | | |
| | 126 | 302 | 1,2 | 11,39 | 7,8 | 19,1 | 7,8 | 19,1 | | | |
| | 142 | 270 | 1,3 | 10,16 | 7,9 | 19,1 | 7,9 | 19,1 | | | |
| | 153 | 249 | 1,4 | 9,39 | 8,0 | 18,5 | 8,0 | 18,5 | | | |
| | 173 | 221 | 1,6 | 8,33 | 8,1 | 18,2 | 8,1 | 18,2 | | | |
| | 194 | 197 | 1,8 | 7,44 | 8,2 | 17,8 | 8,2 | 17,8 | | | |
| | 215 | 177 | 1,8 | 6,68 | 8,2 | 17,4 | 8,0 | 17,4 | | | |
| | 255 | 150 | 2,1 | 5,64 | 8,3 | 15,9 | 7,7 | 15,9 | | | |
| | 330 | 116 | 2,7 | 4,36 | 8,4 | 14,4 | 7,2 | 14,4 | | | |

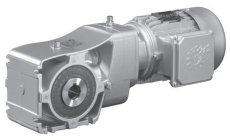
# 5,50 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5,50 | 1,1 | 48540 | 1,0 | 1353,86 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 132 SP/4** | 1920 | E112-113 |
| | 1,3 | 41770 | 1,2 | 1165,22 | 220,0 | 100,0 | - | - | | | E115 |
| | 1,5 | 35110 | 1,4 | 979,31 | 220,0 | 100,0 | - | - | | | |
| | 1,8 | 29270 | 1,7 | 816,57 | 220,0 | 100,0 | - | - | | | |
| | 2,1 | 25200 | 2,0 | 702,80 | 220,0 | 100,0 | - | - | | | |
| | 2,4 | 21780 | 2,3 | 607,63 | 220,0 | 100,0 | - | - | | | |
| | 2,7 | 19300 | 2,6 | 538,33 | 220,0 | 100,0 | - | - | | | |
| | 3,1 | 17000 | 2,9 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 1,3 | 40130 | 0,8 | 1120,00 | 12,2 | 70,0 | 77,3 | 70,0 | **SK 9092.1/52 - 132 SP/4** | 1530 | E110-111 |
| | 1,7 | 30330 | 1,1 | 846,40 | 48,7 | 70,0 | 110,9 | 70,0 | | | E114 |
| | 2,1 | 25330 | 1,3 | 706,40 | 63,2 | 70,0 | 126,1 | 70,0 | | | |
| | 2,4 | 21860 | 1,5 | 608,12 | 72,1 | 70,0 | 135,9 | 70,0 | | | |
| | 3,3 | 15850 | 2,0 | 441,46 | 85,7 | 70,0 | 151,8 | 70,0 | | | |
| | 3,8 | 13850 | 2,3 | 385,67 | 89,8 | 70,0 | 156,7 | 70,0 | | | |
| | 5,2 | 10090 | 3,2 | 280,76 | 96,9 | 70,0 | 160,0 | 70,0 | | | |
| | 2,0 | 25630 | 0,8 | 714,15 | 49,2 | 65,0 | 76,5 | 65,0 | **SK 9086.1/52 - 132 SP/4** | 961 | E108-109 |
| | 2,3 | 22360 | 0,9 | 623,16 | 66,9 | 65,0 | 86,8 | 65,0 | | | E114 |
| | 3,4 | 15590 | 1,3 | 433,35 | 88,0 | 65,0 | 105,6 | 65,0 | | | |
| | 3,9 | 13600 | 1,5 | 378,14 | 92,3 | 65,0 | 110,5 | 65,0 | | | |
| | 5,4 | 9746 | 2,1 | 270,47 | 98,9 | 65,0 | 119,6 | 65,0 | | | |
| | 6,2 | 8473 | 2,4 | 235,93 | 100,4 | 65,0 | 120,0 | 65,0 | | | |
| | 6,4 | 8270 | 2,4 | 230,64 | 100,6 | 65,0 | 120,0 | 65,0 | **SK 9086.1 - 132 SP/4** | 885 | E108-109 |
| | 7,5 | 6957 | 2,9 | 194,04 | 101,9 | 65,0 | 120,0 | 65,0 | | | |
| | 5,9 | 8835 | 1,5 | 245,62 | 90,8 | 60,0 | 95,0 | 60,0 | **SK 9082.1/52 - 132 SP/4** | 711 | E106-107 |
| | 8,0 | 6536 | 2,0 | 182,09 | 93,6 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 3,3 | 15930 | 0,8 | 443,41 | 75,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 132 SP/4** | 686 | E106-107 |
| | 3,9 | 13620 | 1,0 | 379,59 | 81,8 | 60,0 | 95,0 | 60,0 | | | E114 |
| | 5,1 | 10250 | 1,3 | 285,05 | 88,7 | 60,0 | 95,0 | 60,0 | | | |
| | 4,9 | 10640 | 1,2 | 296,80 | 87,9 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 132 SP/4** | 635 | E106-107 |
| | 6,0 | 8757 | 1,5 | 244,32 | 90,9 | 60,0 | 95,0 | 60,0 | | | |
| | 9,8 | 5336 | 2,4 | 148,76 | 94,7 | 60,0 | 95,0 | 60,0 | | | |
| | 12 | 4393 | 3,0 | 122,46 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 4,7 | 11120 | 0,8 | 311,10 | 38,2 | 50,0 | 66,0 | 48,3 | **SK 9072.1/32 - 132 SP/4** | 409 | E104-105 |
| | | | | | | | | | | | E114 |
| | 6,0 | 8803 | 1,0 | 245,76 | 50,4 | 50,0 | 66,0 | 48,0 | **SK 9072.1 - 132 SP/4** | 375 | E104-105 |
| | 7,1 | 7420 | 1,1 | 206,84 | 55,4 | 50,0 | 66,0 | 46,9 | | | |
| | 7,8 | 6696 | 1,3 | 186,86 | 57,4 | 50,0 | 66,0 | 46,8 | | | |
| | 9,3 | 5644 | 1,5 | 157,27 | 60,0 | 50,0 | 66,0 | 45,6 | | | |
| | 11 | 4899 | 1,4 | 136,88 | 61,5 | 50,0 | 66,0 | 43,9 | | | |
| | 13 | 3947 | 2,2 | 110,18 | 63,0 | 50,0 | 66,0 | 43,4 | | | |
| | 16 | 3279 | 2,6 | 91,47 | 63,9 | 50,0 | 66,0 | 41,9 | | | |
| | 18 | 2854 | 3,0 | 79,69 | 64,4 | 50,0 | 66,0 | 40,7 | | | |
| | 21 | 2512 | 3,4 | 70,22 | 64,7 | 50,0 | 66,0 | 39,6 | | | |
| | 8,6 | 6074 | 0,8 | 169,24 | 3,0 | 45,0 | 27,8 | 45,0 | **SK 9052.1 - 132 SP/4** | 235 | E100-101 |
| | 12 | 4303 | 1,1 | 120,03 | 20,4 | 45,0 | 36,0 | 45,0 | | | |
| | 14 | 3675 | 1,3 | 102,40 | 23,7 | 45,0 | 37,9 | 45,0 | | | |
| | 17 | 3159 | 1,5 | 88,17 | 25,7 | 45,0 | 38,0 | 45,0 | | | |
| | 20 | 2588 | 1,9 | 72,24 | 27,4 | 45,0 | 38,0 | 45,0 | | | |
| | 23 | 2239 | 2,1 | 62,42 | 28,3 | 45,0 | 38,0 | 45,0 | | | |
| | 27 | 1956 | 2,5 | 54,56 | 28,9 | 45,0 | 38,0 | 45,0 | | | |
| | 33 | 1613 | 3,0 | 44,96 | 29,5 | 45,0 | 38,0 | 44,1 | | | |
| | 37 | 1425 | 3,4 | 39,72 | 29,8 | 45,0 | 38,0 | 42,8 | | | |
| | 40 | 1298 | 3,7 | 36,21 | 29,9 | 45,0 | 38,0 | 41,8 | | | |
| | 47 | 1123 | 4,3 | 31,28 | 30,1 | 45,0 | 38,0 | 40,3 | | | |
| | 15 | 3426 | 0,8 | 95,56 | 17,3 | 40,0 | 28,0 | 14,6 | **SK 9042.1 - 132 SP/4** | 160 | E96-97 |
| | 17 | 3101 | 0,9 | 86,43 | 19,7 | 40,0 | 28,0 | 15,1 | | | |
| | 19 | 2728 | 1,0 | 76,18 | 21,9 | 40,0 | 28,0 | 15,4 | | | |
| | 21 | 2456 | 1,1 | 68,61 | 23,2 | 40,0 | 28,0 | 15,7 | | | |
| | 23 | 2266 | 1,2 | 63,25 | 24,1 | 40,0 | 28,0 | 15,5 | | | |
| | 26 | 1996 | 1,4 | 55,69 | 25,1 | 40,0 | 28,0 | 15,9 | | | |



IE3

# 5,50 kW
# 7,50 kW

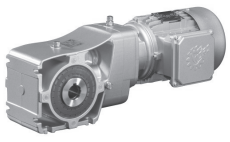
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **5,50** | 31 | 1707 | 1,6 | 47,67 | 26,0 | 40,0 | 28,0 | 15,9 | **SK 9042.1 - 132 SP/4** | 160 | E96-97 |
| | 36 | 1454 | 1,9 | 40,54 | 26,6 | 40,0 | 28,0 | 15,9 | | | |
| | 43 | 1232 | 2,3 | 34,39 | 27,1 | 40,0 | 28,0 | 15,6 | | | |
| | 46 | 1137 | 2,5 | 31,70 | 27,2 | 40,0 | 28,0 | 15,4 | | | |
| | 47 | 1129 | 1,9 | 31,48 | 27,3 | 40,0 | 28,0 | 15,5 | | | |
| | 52 | 1001 | 2,8 | 27,91 | 27,5 | 39,3 | 28,0 | 15,3 | | | |
| | 61 | 856 | 3,2 | 23,89 | 27,7 | 38,1 | 28,0 | 15,0 | | | |
| | 72 | 730 | 3,6 | 20,32 | 27,1 | 36,9 | 28,0 | 14,6 | | | |
| | 80 | 654 | 3,7 | 18,20 | 26,4 | 36,0 | 28,0 | 14,3 | | | |
| | 93 | 563 | 3,6 | 15,66 | 25,2 | 34,5 | 28,0 | 13,7 | | | |
| | 109 | 481 | 4,2 | 13,40 | 24,3 | 33,4 | 28,0 | 13,3 | | | |
| | 128 | 410 | 3,7 | 11,40 | 23,3 | 32,0 | 28,0 | 12,9 | | | |
| | 143 | 368 | 4,1 | 10,21 | 22,7 | 31,2 | 28,0 | 12,6 | | | |
| | 156 | 338 | 4,4 | 9,39 | 22,2 | 30,6 | 28,0 | 12,3 | | | |
| | 165 | 318 | 4,4 | 8,83 | 21,9 | 30,2 | 28,0 | 12,2 | | | |
| | 29 | 1790 | 0,9 | 49,94 | 1,2 | 8,7 | 14,5 | 7,4 | **SK 9032.1 - 132 SP/4** | 113 | E92-93 |
| | 31 | 1709 | 0,9 | 47,70 | 4,7 | 9,3 | 15,0 | 7,7 | | | |
| | 36 | 1447 | 1,1 | 40,36 | 6,3 | 10,1 | 15,0 | 8,1 | | | |
| | 38 | 1366 | 1,1 | 38,05 | 6,4 | 10,4 | 15,0 | 8,1 | | | |
| | 41 | 1278 | 1,2 | 35,61 | 6,5 | 10,4 | 15,0 | 8,2 | | | |
| | 49 | 1064 | 1,4 | 29,66 | 6,9 | 10,9 | 15,0 | 8,5 | | | |
| | 58 | 898 | 1,7 | 25,03 | 7,0 | 10,9 | 15,0 | 8,5 | | | |
| | 61 | 857 | 1,8 | 23,91 | 7,1 | 11,1 | 15,0 | 8,6 | | | |
| | 72 | 726 | 2,1 | 20,23 | 7,1 | 11,0 | 15,0 | 8,6 | | | |
| | 86 | 613 | 2,4 | 17,08 | 7,1 | 10,8 | 15,0 | 8,4 | | | |
| | 91 | 575 | 2,4 | 16,04 | 7,1 | 10,8 | 15,0 | 8,4 | | | |
| | 108 | 486 | 2,8 | 13,49 | 6,9 | 10,5 | 15,0 | 8,2 | | | |
| | 116 | 455 | 2,2 | 12,68 | 6,6 | 10,0 | 15,0 | 7,9 | | | |
| | 136 | 385 | 2,3 | 10,73 | 6,5 | 9,7 | 15,0 | 7,8 | | | |
| | 172 | 305 | 2,9 | 8,48 | 6,3 | 9,2 | 15,0 | 7,5 | | | |
| | 76 | 687 | 0,9 | 19,17 | 8,2 | 25,0 | 8,2 | 25,0 | **SK 92772.1 - 132 SP/4** | 90 | E68-69 |
| | 86 | 612 | 1,1 | 17,08 | 8,7 | 25,0 | 8,7 | 25,0 | | | |
| | 95 | 553 | 1,1 | 15,42 | 9,1 | 25,0 | 9,1 | 25,0 | | | |
| | 117 | 448 | 1,3 | 12,50 | 9,6 | 24,9 | 9,6 | 24,9 | | | |
| | 130 | 404 | 1,4 | 11,28 | 9,7 | 24,5 | 9,7 | 24,5 | | | |
| | 149 | 352 | 1,6 | 9,81 | 9,9 | 24,3 | 9,9 | 24,3 | | | |
| | 166 | 317 | 1,8 | 8,85 | 10,0 | 23,5 | 10,0 | 23,5 | | | |
| | 204 | 257 | 2,1 | 7,18 | 10,2 | 21,9 | 10,2 | 21,9 | | | |
| | 229 | 229 | 2,2 | 6,39 | 10,2 | 21,3 | 10,2 | 21,3 | | | |
| | 286 | 184 | 2,8 | 5,12 | 10,3 | 19,2 | 9,7 | 19,2 | | | |
| | 144 | 364 | 1,0 | 10,16 | 7,5 | 17,4 | 7,5 | 17,4 | **SK 92672.1 - 132 SP/4** | 78 | E66-67 |
| | 176 | 299 | 1,2 | 8,33 | 7,8 | 16,6 | 7,8 | 16,6 | | | |
| | 197 | 267 | 1,3 | 7,44 | 7,9 | 16,1 | 7,8 | 16,1 | | | |
| | 219 | 240 | 1,3 | 6,68 | 8,0 | 16,0 | 7,5 | 16,0 | | | |
| | 260 | 202 | 1,5 | 5,64 | 8,2 | 14,7 | 7,4 | 14,7 | | | |
| | 336 | 156 | 2,0 | 4,36 | 8,3 | 13,5 | 6,9 | 13,5 | | | |
| **7,50** | 1,1 | 66410 | 0,8 | 1353,86 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 132 MP/4** | 1930 | E112-113 |
| | 1,3 | 57160 | 0,9 | 1165,22 | 220,0 | 100,0 | - | - | | | E115 |
| | 1,5 | 48040 | 1,0 | 979,31 | 220,0 | 100,0 | - | - | | | |
| | 1,8 | 40060 | 1,2 | 816,57 | 220,0 | 100,0 | - | - | | | |
| | 2,1 | 34480 | 1,5 | 702,80 | 220,0 | 100,0 | - | - | | | |
| | 2,4 | 29810 | 1,7 | 607,63 | 220,0 | 100,0 | - | - | | | |
| | 2,7 | 26410 | 1,9 | 538,33 | 220,0 | 100,0 | - | - | | | |
| | 3,1 | 23260 | 2,1 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 3,4 | 21140 | 2,4 | 431,00 | 220,0 | 100,0 | - | - | | | |
| | 3,9 | 18200 | 2,7 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 15730 | 3,2 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 1,7 | 41500 | 0,8 | 846,40 | 5,7 | 70,0 | 72,1 | 70,0 | **SK 9092.1/52 - 132 MP/4** | 1540 | E110-111 |
| | 2,1 | 34660 | 0,9 | 706,40 | 34,2 | 70,0 | 96,8 | 70,0 | | | E114 |
| | 2,4 | 29910 | 1,1 | 608,12 | 50,0 | 70,0 | 112,2 | 70,0 | | | |
| | 3,3 | 21690 | 1,5 | 441,46 | 72,5 | 70,0 | 136,4 | 70,0 | | | |
| | 3,8 | 18950 | 1,7 | 385,67 | 79,0 | 70,0 | 143,8 | 70,0 | | | |
| | 5,2 | 13800 | 2,3 | 280,76 | 89,9 | 70,0 | 156,8 | 70,0 | | | |

# 7,50 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7,50 | 3,4 | 21340 | 0,9 | 433,35 | 71,1 | 65,0 | 89,8 | 65,0 | **SK 9086.1/52 - 132 MP/4** | 968 | E108-109 E114 |
| | 3,8 | 18610 | 1,1 | 378,14 | 80,5 | 65,0 | 97,5 | 65,0 | | | |
| | 5,4 | 13340 | 1,5 | 270,47 | 92,8 | 65,0 | 111,2 | 65,0 | | | |
| | 6,2 | 11590 | 1,7 | 235,93 | 96,2 | 65,0 | 115,4 | 65,0 | | | |
| | 7,4 | 9700 | 2,1 | 235,93 | 98,9 | 65,0 | 119,7 | 65,0 | | | |
| | 6,3 | 11320 | 1,8 | 230,64 | 96,7 | 65,0 | 116,0 | 65,0 | **SK 9086.1 - 132 MP/4** | 892 | E108-109 E114 |
| | 7,5 | 9519 | 2,1 | 194,04 | 99,2 | 65,0 | 119,6 | 65,0 | | | |
| | 4,9 | 14550 | 0,9 | 296,80 | 79,5 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 132 MP/4** | 642 | E106-107 |
| | 6,0 | 11980 | 1,1 | 244,32 | 85,5 | 60,0 | 95,0 | 60,0 | | | |
| | 9,8 | 7301 | 1,8 | 148,76 | 92,8 | 60,0 | 95,0 | 60,0 | | | |
| | 12 | 6011 | 2,2 | 122,46 | 94,1 | 60,0 | 95,0 | 60,0 | | | |
| | 13 | 5717 | 2,3 | 116,45 | 94,4 | 60,0 | 95,0 | 60,0 | | | |
| | 15 | 4707 | 2,8 | 95,86 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 7,4 | 9629 | 0,8 | 196,12 | 47,0 | 50,0 | 66,0 | 39,0 | **SK 9072.1/42 - 132 MP/4** | 433 | E104-105 E114 |
| | 7,8 | 9163 | 0,9 | 186,86 | 49,1 | 50,0 | 66,0 | 42,3 | **SK 9072.1 - 132 MP/4** | 382 | E104-105 |
| | 9,3 | 7723 | 1,1 | 157,27 | 54,5 | 50,0 | 66,0 | 41,5 | | | |
| | 13 | 5401 | 1,6 | 110,18 | 60,5 | 50,0 | 66,0 | 40,6 | | | |
| | 16 | 4486 | 1,9 | 91,47 | 62,2 | 50,0 | 66,0 | 39,6 | | | |
| | 18 | 3905 | 2,2 | 79,69 | 63,1 | 50,0 | 66,0 | 38,7 | | | |
| | 21 | 3438 | 2,5 | 70,22 | 63,7 | 50,0 | 66,0 | 37,9 | | | |
| | 25 | 2867 | 3,0 | 58,44 | 64,4 | 50,0 | 66,0 | 36,6 | | | |
| | 29 | 2467 | 3,3 | 50,35 | 64,8 | 50,0 | 66,0 | 35,6 | | | |
| | 12 | 5887 | 0,8 | 120,03 | 1,2 | 45,0 | 29,0 | 45,0 | **SK 9052.1 - 132 MP/4** | 242 | E100-101 |
| | 14 | 5028 | 1,0 | 102,40 | 15,1 | 45,0 | 33,3 | 45,0 | | | |
| | 17 | 4323 | 1,1 | 88,17 | 20,3 | 45,0 | 35,9 | 45,0 | | | |
| | 20 | 3541 | 1,4 | 72,24 | 24,3 | 45,0 | 38,0 | 45,0 | | | |
| | 23 | 3064 | 1,6 | 62,42 | 26,0 | 45,0 | 38,0 | 45,0 | | | |
| | 27 | 2676 | 1,8 | 54,56 | 27,2 | 45,0 | 38,0 | 44,5 | | | |
| | 32 | 2208 | 2,2 | 44,96 | 28,4 | 45,0 | 38,0 | 42,7 | | | |
| | 37 | 1950 | 2,5 | 39,72 | 28,9 | 45,0 | 38,0 | 41,5 | | | |
| | 40 | 1776 | 2,7 | 36,21 | 29,2 | 45,0 | 38,0 | 40,7 | | | |
| | 47 | 1537 | 3,1 | 31,28 | 29,6 | 45,0 | 38,0 | 39,3 | | | |
| | 19 | 3732 | 0,8 | 76,18 | 0 | 37,3 | 18,0 | 12,8 | **SK 9042.1 - 132 MP/4** | 167 | E96-97 |
| | 21 | 3361 | 0,8 | 68,61 | 17,9 | 38,1 | 28,0 | 12,3 | | | |
| | 23 | 3101 | 0,9 | 63,25 | 19,8 | 37,8 | 28,0 | 12,3 | | | |
| | 26 | 2731 | 1,0 | 55,69 | 22,0 | 38,6 | 28,0 | 13,2 | | | |
| | 31 | 2335 | 1,2 | 47,67 | 23,8 | 38,6 | 28,0 | 13,6 | | | |
| | 36 | 1990 | 1,4 | 40,54 | 25,1 | 38,3 | 28,0 | 13,8 | | | |
| | 42 | 1686 | 1,7 | 34,39 | 26,0 | 37,8 | 28,0 | 13,9 | | | |
| | 46 | 1556 | 1,8 | 31,70 | 26,4 | 37,2 | 28,0 | 13,8 | | | |
| | 52 | 1370 | 2,0 | 27,91 | 26,8 | 36,9 | 28,0 | 13,9 | | | |
| | 61 | 1172 | 2,3 | 23,89 | 27,1 | 36,1 | 28,0 | 13,8 | | | |
| | 72 | 998 | 2,6 | 20,32 | 26,2 | 35,2 | 28,0 | 13,6 | | | |
| | 80 | 895 | 2,7 | 18,20 | 25,6 | 34,5 | 28,0 | 13,4 | | | |
| | 93 | 770 | 2,6 | 15,66 | 24,5 | 33,0 | 28,0 | 12,8 | | | |
| | 109 | 658 | 3,0 | 13,40 | 23,6 | 32,0 | 28,0 | 12,6 | | | |
| | 128 | 561 | 2,7 | 11,40 | 22,8 | 31,0 | 28,0 | 12,2 | | | |
| | 142 | 503 | 3,0 | 10,21 | 22,2 | 30,2 | 28,0 | 12,0 | | | |
| | 155 | 462 | 3,2 | 9,39 | 21,7 | 29,7 | 28,0 | 11,8 | | | |
| | 165 | 435 | 3,2 | 8,83 | 21,4 | 29,3 | 28,0 | 11,7 | | | |
| | 36 | 1980 | 0,8 | 40,36 | 0,1 | 5,3 | 12,7 | 5,7 | **SK 9032.1 - 132 MP/4** | 120 | E92-93 |
| | 38 | 1868 | 0,8 | 38,05 | 0,2 | 5,8 | 13,9 | 5,9 | | | |
| | 41 | 1749 | 0,9 | 35,61 | 3,8 | 6,1 | 14,9 | 6,1 | | | |
| | 49 | 1456 | 1,0 | 29,66 | 4,9 | 7,4 | 15,0 | 6,8 | | | |
| | 58 | 1229 | 1,2 | 25,03 | 5,3 | 8,0 | 15,0 | 7,0 | | | |
| | 61 | 1173 | 1,3 | 23,91 | 5,5 | 8,3 | 15,0 | 7,2 | | | |
| | 72 | 993 | 1,5 | 20,23 | 5,8 | 8,6 | 15,0 | 7,4 | | | |
| | 85 | 839 | 1,7 | 17,08 | 5,9 | 8,8 | 15,0 | 7,4 | | | |
| | 91 | 787 | 1,8 | 16,04 | 6,0 | 8,9 | 15,0 | 7,5 | | | |
| | 108 | 664 | 2,0 | 13,49 | 6,1 | 8,9 | 15,0 | 7,4 | | | |
| | 115 | 622 | 1,6 | 12,68 | 5,7 | 8,3 | 15,0 | 7,1 | | | |
| | 136 | 527 | 1,7 | 10,73 | 5,8 | 8,3 | 15,0 | 7,1 | | | |
| | 172 | 417 | 2,1 | 8,48 | 5,7 | 8,1 | 15,0 | 7,0 | | | |



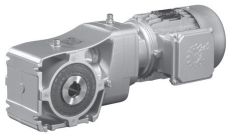
IE3

# 7,50 kW
# 9,20 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **7,50** | 85 | 838 | 0,8 | 17,08 | 6,9 | 23,2 | 6,9 | 23,2 | **SK 92772.1 - 132 MP/4** | 97 | E68-69 |
| | 95 | 756 | 0,8 | 15,42 | 7,7 | 23,2 | 7,7 | 23,2 | | | |
| | 117 | 613 | 1,0 | 12,50 | 8,7 | 22,3 | 8,7 | 22,3 | | | |
| | 129 | 553 | 1,0 | 11,28 | 9,1 | 22,2 | 9,1 | 22,2 | | | |
| | 149 | 481 | 1,2 | 9,81 | 9,4 | 22,4 | 9,4 | 22,4 | | | |
| | 165 | 434 | 1,3 | 8,85 | 9,6 | 21,6 | 9,6 | 21,6 | | | |
| | 203 | 352 | 1,6 | 7,18 | 9,9 | 20,2 | 9,9 | 20,2 | | | |
| | 229 | 313 | 1,6 | 6,39 | 10,0 | 19,9 | 9,7 | 19,9 | | | |
| | 285 | 251 | 2,0 | 5,12 | 10,2 | 18,0 | 9,4 | 18,0 | | | |
| | 350 | 204 | 2,4 | 4,17 | 10,3 | 16,9 | 8,9 | 16,9 | | | |
| | 175 | 409 | 0,9 | 8,33 | 7,2 | 14,3 | 7,2 | 14,3 | **SK 92672.1 - 132 MP/4** | 85 | E66-67 |
| | 196 | 365 | 1,0 | 7,44 | 7,5 | 14,0 | 7,2 | 14,0 | | | |
| | 218 | 328 | 1,0 | 6,68 | 7,7 | 14,3 | 7,0 | 14,3 | | | |
| | 259 | 277 | 1,1 | 5,64 | 7,9 | 13,2 | 6,9 | 13,2 | | | |
| | 335 | 214 | 1,5 | 4,36 | 8,1 | 12,4 | 6,6 | 12,4 | | | |
| **9,20** | 1,5 | 58530 | 0,9 | 979,31 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 160 SP/4** | 1960 | E112-113 E115 |
| | 1,8 | 48800 | 1,0 | 816,57 | 220,0 | 100,0 | - | - | | | |
| | 2,1 | 42000 | 1,2 | 702,80 | 220,0 | 100,0 | - | - | | | |
| | 2,4 | 36310 | 1,4 | 607,63 | 220,0 | 100,0 | - | - | | | |
| | 2,7 | 32170 | 1,6 | 538,33 | 220,0 | 100,0 | - | - | | | |
| | 3,1 | 28340 | 1,8 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 3,4 | 25760 | 1,9 | 431,00 | 220,0 | 100,0 | - | - | | | |
| | 4,0 | 22170 | 2,3 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 19170 | 2,6 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 4,9 | 17760 | 2,8 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,4 | 16140 | 3,1 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 8,5 | 10360 | 4,8 | 173,41 | 220,0 | 100,0 | - | - | **SK 9096.1 - 160 SP/4** | 1830 | E112-113 |
| | 2,1 | 42230 | 0,8 | 706,40 | 2,0 | 70,0 | 69,3 | 70,0 | **SK 9092.1/52 - 160 SP/4** | 1570 | E110-111 E114 |
| | 2,4 | 36440 | 0,9 | 608,12 | 27,6 | 70,0 | 90,6 | 70,0 | | | |
| | 3,3 | 26430 | 1,2 | 441,46 | 60,2 | 70,0 | 122,9 | 70,0 | | | |
| | 3,8 | 23080 | 1,4 | 385,67 | 69,0 | 70,0 | 132,5 | 70,0 | | | |
| | 5,2 | 16820 | 1,9 | 280,76 | 83,7 | 70,0 | 149,3 | 70,0 | | | |
| | 4,9 | 17800 | 1,8 | 297,51 | 81,5 | 70,0 | 146,8 | 70,0 | **SK 9092.1 - 160 SP/4** | 1490 | E110-111 |
| | 5,8 | 15140 | 2,1 | 253,40 | 86,5 | 70,0 | 152,5 | 70,0 | | | |
| | 7,4 | 11810 | 2,7 | 197,51 | 93,7 | 70,0 | 160,0 | 70,0 | | | |
| | 9,6 | 9151 | 3,5 | 152,96 | 98,6 | 70,0 | 160,0 | 70,0 | | | |
| | 3,4 | 25990 | 0,8 | 433,35 | 46,6 | 65,0 | 75,3 | 65,0 | **SK 9086.1/52 - 160 SP/4** | 999 | E108-109 E114 |
| | 3,9 | 22680 | 0,9 | 378,14 | 65,5 | 65,0 | 85,8 | 65,0 | | | |
| | 5,4 | 16250 | 1,2 | 270,47 | 86,6 | 65,0 | 103,9 | 65,0 | | | |
| | 6,2 | 14130 | 1,4 | 235,93 | 91,2 | 65,0 | 109,3 | 65,0 | | | |
| | 6,4 | 13790 | 1,5 | 230,64 | 91,9 | 65,0 | 110,1 | 65,0 | **SK 9086.1 - 160 SP/4** | 923 | E108-109 |
| | 7,6 | 11600 | 1,7 | 194,04 | 95,9 | 65,0 | 114,8 | 65,0 | | | |
| | 9,7 | 9077 | 2,2 | 151,76 | 99,7 | 65,0 | 120,0 | 65,0 | | | |
| | 12 | 7635 | 2,6 | 127,67 | 101,3 | 65,0 | 120,0 | 65,0 | | | |
| | 13 | 6970 | 2,9 | 116,50 | 101,9 | 65,0 | 120,0 | 65,0 | | | |
| | 5,1 | 17090 | 0,8 | 285,05 | 71,9 | 60,0 | 95,0 | 60,0 | **SK 9082.1/42 - 160 SP/4** | 724 | E106-107 E114 |
| | 6,0 | 14600 | 0,9 | 244,32 | 79,3 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 160 SP/4** | 673 | E106-107 |
| | 9,9 | 8895 | 1,5 | 148,76 | 90,7 | 60,0 | 95,0 | 60,0 | | | |
| | 12 | 7323 | 1,8 | 122,46 | 92,7 | 60,0 | 95,0 | 60,0 | | | |
| | 13 | 6966 | 1,9 | 116,45 | 93,1 | 60,0 | 95,0 | 60,0 | | | |
| | 15 | 5735 | 2,3 | 95,86 | 94,3 | 60,0 | 95,0 | 60,0 | | | |
| | 18 | 4957 | 2,6 | 82,88 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 7,9 | 11160 | 0,8 | 186,86 | 38,1 | 50,0 | 66,0 | 38,3 | **SK 9072.1 - 160 SP/4** | 413 | E104-105 |
| | 9,3 | 9409 | 0,9 | 157,27 | 47,9 | 50,0 | 66,0 | 38,2 | | | |
| | 13 | 6580 | 1,3 | 110,18 | 57,7 | 50,0 | 66,0 | 38,3 | | | |
| | 16 | 5466 | 1,6 | 91,47 | 60,4 | 50,0 | 66,0 | 37,7 | | | |
| | 18 | 4758 | 1,8 | 79,69 | 61,7 | 50,0 | 66,0 | 37,1 | | | |

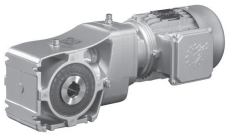
# 9,20 kW
# 11,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9,20** | 21 | 4188 | 2,0 | 70,22 | 62,7 | 50,0 | 66,0 | 36,4 | **SK 9072.1 - 160 SP/4** | 413 | E104-105 |
| | 25 | 3492 | 2,4 | 58,44 | 63,7 | 50,0 | 66,0 | 35,4 | | | |
| | 29 | 3006 | 2,7 | 50,35 | 64,2 | 50,0 | 66,0 | 34,4 | | | |
| | 36 | 2453 | 3,1 | 41,11 | 61,6 | 50,0 | 66,0 | 33,1 | | | |
| | 17 | 5267 | 0,9 | 88,17 | 12,3 | 45,0 | 32,1 | 45,0 | **SK 9052.1 - 160 SP/4** | 273 | E100-101 |
| | 20 | 4314 | 1,1 | 72,24 | 20,3 | 45,0 | 35,9 | 45,0 | | | |
| | 24 | 3732 | 1,3 | 62,42 | 23,4 | 45,0 | 37,8 | 44,0 | | | |
| | 27 | 3260 | 1,5 | 54,56 | 25,3 | 45,0 | 38,0 | 43,0 | | | |
| | 33 | 2690 | 1,8 | 44,96 | 27,2 | 45,0 | 38,0 | 41,5 | | | |
| | 37 | 2375 | 2,0 | 39,72 | 28,0 | 45,0 | 38,0 | 40,5 | | | |
| | 41 | 2164 | 2,2 | 36,21 | 28,5 | 45,0 | 38,0 | 39,7 | | | |
| | 47 | 1872 | 2,6 | 31,28 | 29,1 | 45,0 | 38,0 | 38,5 | | | |
| | 54 | 1636 | 2,8 | 27,35 | 29,5 | 45,0 | 38,0 | 37,3 | | | |
| | 63 | 1397 | 3,1 | 23,33 | 29,8 | 45,0 | 38,0 | 35,9 | | | |
| | 65 | 1349 | 3,2 | 22,53 | 29,9 | 45,0 | 38,0 | 35,7 | | | |
| | 26 | 3327 | 0,8 | 55,69 | 18,1 | 34,7 | 28,0 | 10,8 | **SK 9042.1 - 160 SP/4** | 198 | E96-97 |
| | 31 | 2845 | 1,0 | 47,67 | 21,3 | 35,1 | 28,0 | 11,6 | | | |
| | 36 | 2424 | 1,2 | 40,54 | 23,4 | 35,5 | 28,0 | 12,1 | | | |
| | 43 | 2054 | 1,4 | 34,39 | 24,9 | 35,3 | 28,0 | 12,5 | | | |
| | 47 | 1882 | 1,2 | 31,48 | 25,4 | 35,2 | 28,0 | 12,6 | | | |
| | 53 | 1669 | 1,7 | 27,91 | 26,1 | 34,9 | 28,0 | 12,7 | | | |
| | 62 | 1427 | 1,9 | 23,89 | 26,1 | 34,4 | 28,0 | 12,8 | | | |
| | 72 | 1216 | 2,1 | 20,32 | 25,4 | 33,7 | 28,0 | 12,7 | | | |
| | 81 | 1091 | 2,2 | 18,20 | 24,9 | 33,2 | 28,0 | 12,7 | | | |
| | 94 | 938 | 2,1 | 15,66 | 23,8 | 31,7 | 28,0 | 12,1 | | | |
| | 110 | 802 | 2,5 | 13,40 | 23,1 | 30,9 | 28,0 | 11,9 | | | |
| | 129 | 683 | 2,2 | 11,40 | 22,3 | 30,1 | 28,0 | 11,7 | | | |
| | 143 | 613 | 2,4 | 10,21 | 21,7 | 29,4 | 28,0 | 11,5 | | | |
| | 156 | 563 | 2,7 | 9,39 | 21,3 | 28,9 | 28,0 | 11,4 | | | |
| | 166 | 530 | 2,6 | 8,83 | 21,0 | 28,6 | 28,0 | 11,3 | | | |
| **11,0** | 1,8 | 58550 | 0,9 | 816,57 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 160 MP/4** | 1960 | E112-113 E115 |
| | 2,1 | 50390 | 1,0 | 702,80 | 220,0 | 100,0 | - | - | | | |
| | 2,4 | 43570 | 1,1 | 607,63 | 220,0 | 100,0 | - | - | | | |
| | 2,7 | 38600 | 1,3 | 538,33 | 220,0 | 100,0 | - | - | | | |
| | 3,1 | 34000 | 1,5 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 3,4 | 30900 | 1,6 | 431,00 | 220,0 | 100,0 | - | - | | | |
| | 3,9 | 26600 | 1,9 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 23000 | 2,2 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 4,9 | 21310 | 2,3 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,4 | 19370 | 2,6 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 6,3 | 16740 | 3,0 | 233,51 | 220,0 | 100,0 | - | - | | | |
| | 8,4 | 12430 | 4,0 | 173,41 | 220,0 | 100,0 | - | - | **SK 9096.1 - 160 MP/4** | 1830 | E112-113 |
| | 3,3 | 31700 | 1,0 | 441,46 | 44,3 | 70,0 | 106,5 | 70,0 | **SK 9092.1/52 - 160 MP/4** | 1570 | E110-111 E114 |
| | 3,8 | 27690 | 1,2 | 385,67 | 56,6 | 70,0 | 119,1 | 70,0 | | | |
| | 5,2 | 20180 | 1,6 | 280,76 | 76,1 | 70,0 | 140,5 | 70,0 | | | |
| | 6,6 | 16000 | 2,0 | 222,14 | 85,4 | 70,0 | 151,4 | 70,0 | | | |
| | 4,9 | 21350 | 1,5 | 297,51 | 73,3 | 70,0 | 137,3 | 70,0 | **SK 9092.1 - 160 MP/4** | 1490 | E110-111 |
| | 5,8 | 18160 | 1,8 | 253,40 | 79,9 | 70,0 | 144,7 | 70,0 | | | |
| | 7,4 | 14170 | 2,3 | 197,51 | 89,2 | 70,0 | 155,9 | 70,0 | | | |
| | 9,6 | 10980 | 2,9 | 152,96 | 95,3 | 70,0 | 160,0 | 70,0 | | | |
| | 12 | 8621 | 3,7 | 120,23 | 99,5 | 70,0 | 160,0 | 70,0 | | | |
| | 14 | 7340 | 4,4 | 102,28 | 101,7 | 70,0 | 160,0 | 70,0 | | | |
| | 5,4 | 19490 | 1,0 | 270,47 | 77,8 | 65,0 | 95,1 | 65,0 | **SK 9086.1/52 - 160 MP/4** | 999 | E108-109 E114 |
| | 6,2 | 16950 | 1,2 | 235,93 | 85,0 | 65,0 | 102,0 | 65,0 | | | |
| | 6,4 | 16540 | 1,2 | 230,64 | 85,9 | 65,0 | 103,1 | 65,0 | **SK 9086.1 - 160 MP/4** | 923 | E108-109 |
| | 7,5 | 13910 | 1,4 | 194,04 | 91,1 | 65,0 | 109,1 | 65,0 | | | |
| | 9,6 | 10890 | 1,8 | 151,76 | 97,3 | 65,0 | 117,0 | 65,0 | | | |
| | 11 | 9160 | 2,2 | 127,67 | 99,6 | 65,0 | 120,0 | 65,0 | | | |
| | 13 | 8362 | 2,4 | 116,50 | 100,5 | 65,0 | 120,0 | 65,0 | | | |
| | 16 | 6498 | 3,1 | 90,50 | 102,3 | 65,0 | 120,0 | 65,0 | | | |



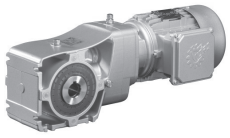
IE3

# 11,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **11,0** | 8,0 | 13070 | 1,0 | 182,09 | 83,2 | 60,0 | 95,0 | 60,0 | **SK 9082.1/52 - 160 MP/4** | 749 | E106-107<br>E114 |
| | 9,8 | 10670 | 1,2 | 148,76 | 88,0 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 160 MP/4** | 673 | E106-107 |
| | 12 | 8786 | 1,5 | 122,46 | 90,9 | 60,0 | 95,0 | 60,0 | | | |
| | 13 | 8357 | 1,6 | 116,45 | 91,5 | 60,0 | 95,0 | 60,0 | | | |
| | 15 | 6880 | 1,9 | 95,86 | 93,2 | 60,0 | 95,0 | 60,0 | | | |
| | 18 | 5947 | 2,2 | 82,88 | 94,2 | 60,0 | 95,0 | 60,0 | | | |
| | 20 | 5131 | 2,5 | 71,50 | 94,8 | 60,0 | 95,0 | 60,0 | | | |
| | 23 | 4476 | 2,9 | 62,39 | 95,0 | 60,0 | 95,0 | 60,0 | | | |
| | 9,3 | 11290 | 0,8 | 157,27 | 37,7 | 50,0 | 66,0 | 34,5 | **SK 9072.1 - 160 MP/4** | 413 | E104-105 |
| | 13 | 7894 | 1,1 | 110,18 | 53,9 | 50,0 | 66,0 | 35,8 | | | |
| | 16 | 6557 | 1,3 | 91,47 | 57,9 | 50,0 | 66,0 | 35,6 | | | |
| | 18 | 5708 | 1,5 | 79,69 | 59,9 | 50,0 | 66,0 | 35,3 | | | |
| | 21 | 5025 | 1,7 | 70,22 | 61,3 | 50,0 | 66,0 | 34,9 | | | |
| | 25 | 4190 | 2,0 | 58,44 | 62,7 | 50,0 | 66,0 | 34,0 | | | |
| | 29 | 3606 | 2,3 | 50,35 | 62,9 | 50,0 | 66,0 | 33,3 | | | |
| | 36 | 2943 | 2,6 | 41,11 | 60,3 | 50,0 | 66,0 | 32,2 | | | |
| | 42 | 2521 | 3,4 | 35,19 | 58,3 | 50,0 | 66,0 | 31,3 | | | |
| | 17 | 6318 | 0,8 | 88,17 | 1,0 | 45,0 | 26,3 | 43,7 | **SK 9052.1 - 160 MP/4** | 273 | E100-101 |
| | 20 | 5175 | 0,9 | 72,24 | 13,6 | 45,0 | 32,6 | 43,0 | | | |
| | 23 | 4478 | 1,1 | 62,42 | 19,4 | 45,0 | 35,4 | 42,3 | | | |
| | 27 | 3911 | 1,2 | 54,56 | 22,6 | 45,0 | 37,3 | 41,5 | | | |
| | 33 | 3227 | 1,5 | 44,96 | 25,5 | 45,0 | 38,0 | 40,3 | | | |
| | 37 | 2850 | 1,7 | 39,72 | 26,7 | 45,0 | 38,0 | 39,4 | | | |
| | 40 | 2596 | 1,8 | 36,21 | 27,4 | 45,0 | 38,0 | 38,7 | | | |
| | 47 | 2246 | 2,1 | 31,28 | 28,3 | 45,0 | 38,0 | 37,6 | | | |
| | 54 | 1962 | 2,3 | 27,35 | 28,9 | 45,0 | 38,0 | 36,6 | | | |
| | 63 | 1676 | 2,6 | 23,33 | 29,4 | 45,0 | 38,0 | 35,3 | | | |
| | 65 | 1619 | 2,7 | 22,53 | 29,5 | 45,0 | 38,0 | 35,1 | | | |
| | 73 | 1430 | 3,0 | 19,91 | 29,8 | 45,0 | 38,0 | 34,1 | | | |
| | 82 | 1284 | 3,3 | 17,94 | 29,9 | 45,0 | 38,0 | 33,3 | | | |
| | 90 | 1173 | 3,7 | 16,33 | 30,1 | 45,0 | 38,0 | 32,3 | | | |
| | 109 | 968 | 4,4 | 13,45 | 30,3 | 45,0 | 38,0 | 30,8 | | | |
| | 123 | 855 | 4,6 | 11,88 | 30,4 | 45,0 | 38,0 | 29,9 | | | |
| | 137 | 768 | 3,8 | 10,71 | 30,4 | 45,0 | 38,0 | 29,1 | | | |
| | 31 | 3414 | 0,8 | 47,67 | 17,5 | 31,5 | 27,8 | 9,4 | **SK 9042.1 - 160 MP/4** | 198 | E96-97 |
| | 36 | 2908 | 1,0 | 40,54 | 21,0 | 32,4 | 28,0 | 10,3 | | | |
| | 43 | 2465 | 1,1 | 34,39 | 23,2 | 32,7 | 28,0 | 11,0 | | | |
| | 47 | 2257 | 1,0 | 31,48 | 24,1 | 32,8 | 28,0 | 11,2 | | | |
| | 52 | 2003 | 1,4 | 27,91 | 25,1 | 32,7 | 28,0 | 11,5 | | | |
| | 61 | 1713 | 1,6 | 23,89 | 25,2 | 32,5 | 28,0 | 11,7 | | | |
| | 72 | 1459 | 1,8 | 20,32 | 24,6 | 32,1 | 28,0 | 11,8 | | | |
| | 80 | 1308 | 1,9 | 18,20 | 24,1 | 31,8 | 28,0 | 11,8 | | | |
| | 93 | 1125 | 1,8 | 15,66 | 23,1 | 30,5 | 28,0 | 11,3 | | | |
| | 109 | 962 | 2,1 | 13,40 | 22,5 | 29,8 | 28,0 | 11,3 | | | |
| | 128 | 820 | 1,8 | 11,40 | 21,8 | 29,1 | 28,0 | 11,1 | | | |
| | 143 | 735 | 2,0 | 10,21 | 21,3 | 28,6 | 28,0 | 11,0 | | | |
| | 156 | 675 | 2,2 | 9,39 | 20,9 | 28,1 | 28,0 | 10,9 | | | |
| | 165 | 636 | 2,2 | 8,83 | 20,6 | 27,8 | 27,9 | 10,8 | | | |

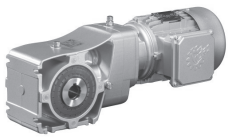
# 15,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15,0 | 2,4 | 59410 | 0,8 | 607,63 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 160 LP/4** | 1990 | E112-113 |
| | 2,7 | 52630 | 0,9 | 538,33 | 220,0 | 100,0 | - | - | | | E115 |
| | 3,1 | 46370 | 1,1 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 3,4 | 42140 | 1,2 | 431,00 | 220,0 | 100,0 | - | - | | | |
| | 3,9 | 36270 | 1,4 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 31360 | 1,6 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 4,9 | 29060 | 1,7 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,4 | 26410 | 1,9 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 6,3 | 22830 | 2,2 | 233,51 | 220,0 | 100,0 | - | - | | | |
| | 7,0 | 20430 | 2,4 | 208,95 | 214,9 | 100,0 | - | - | | | |
| | 7,3 | 19610 | 2,5 | 200,57 | 220,0 | 100,0 | - | - | **SK 9096.1 - 160 LP/4** | 1860 | E112-113 |
| | 8,4 | 16960 | 2,9 | 173,41 | 220,0 | 100,0 | - | - | | | |
| | 9,5 | 15090 | 3,3 | 154,29 | 220,0 | 100,0 | - | - | | | |
| | 11 | 13040 | 3,8 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 3,8 | 37760 | 0,8 | 385,67 | 22,3 | 70,0 | 86,0 | 70,0 | **SK 9092.1/52 - 160 LP/4** | 1600 | E110-111 |
| | 5,2 | 27510 | 1,2 | 280,76 | 57,1 | 70,0 | 119,6 | 70,0 | | | E114 |
| | 6,6 | 21820 | 1,5 | 222,14 | 72,2 | 70,0 | 136,1 | 70,0 | | | |
| | 7,6 | 18750 | 1,7 | 191,28 | 79,4 | 70,0 | 144,3 | 70,0 | | | |
| | 4,9 | 29120 | 1,1 | 297,51 | 52,4 | 70,0 | 114,7 | 70,0 | **SK 9092.1 - 160 LP/4** | 1520 | E110-111 |
| | 5,8 | 24760 | 1,3 | 253,40 | 63,6 | 70,0 | 126,1 | 70,0 | | | |
| | 7,4 | 19320 | 1,7 | 197,51 | 78,1 | 70,0 | 142,8 | 70,0 | | | |
| | 9,6 | 14970 | 2,1 | 152,96 | 87,5 | 70,0 | 153,9 | 70,0 | | | |
| | 12 | 11760 | 2,7 | 120,23 | 93,8 | 70,0 | 160,0 | 70,0 | | | |
| | 14 | 10010 | 3,2 | 102,28 | 97,1 | 70,0 | 160,0 | 70,0 | | | |
| | 5,4 | 26580 | 0,8 | 270,47 | 42,1 | 65,0 | 73,4 | 65,0 | **SK 9086.1/52 - 160 LP/4** | 1030 | E108-109 |
| | 6,2 | 23110 | 0,9 | 235,93 | 63,5 | 65,0 | 84,5 | 65,0 | | | E114 |
| | 6,4 | 22550 | 0,9 | 230,64 | 66,0 | 65,0 | 86,2 | 65,0 | **SK 9086.1 - 160 LP/4** | 952 | E108-109 |
| | 7,5 | 18970 | 1,1 | 194,04 | 79,4 | 65,0 | 95,6 | 65,0 | | | |
| | 9,6 | 14850 | 1,3 | 151,76 | 89,6 | 65,0 | 107,4 | 65,0 | | | |
| | 11 | 12490 | 1,6 | 127,67 | 94,1 | 65,0 | 112,6 | 65,0 | | | |
| | 13 | 11400 | 1,8 | 116,50 | 96,5 | 65,0 | 115,8 | 65,0 | | | |
| | 16 | 8861 | 2,3 | 90,50 | 100,0 | 65,0 | 120,0 | 65,0 | | | |
| | 19 | 7659 | 2,6 | 78,24 | 101,3 | 65,0 | 120,0 | 65,0 | | | |
| | 22 | 6608 | 3,0 | 67,50 | 102,2 | 65,0 | 120,0 | 65,0 | | | |
| | 9,8 | 14550 | 0,9 | 148,76 | 79,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 160 LP/4** | 702 | E106-107 |
| | 12 | 11980 | 1,1 | 122,46 | 85,5 | 60,0 | 95,0 | 60,0 | | | |
| | 13 | 11400 | 1,1 | 116,45 | 86,7 | 60,0 | 95,0 | 60,0 | | | |
| | 15 | 9382 | 1,4 | 95,86 | 90,1 | 60,0 | 95,0 | 60,0 | | | |
| | 18 | 8110 | 1,6 | 82,88 | 91,8 | 60,0 | 95,0 | 60,0 | | | |
| | 20 | 6997 | 1,9 | 71,50 | 93,1 | 60,0 | 95,0 | 60,0 | | | |
| | 23 | 6104 | 2,1 | 62,39 | 94,0 | 60,0 | 95,0 | 60,0 | | | |
| | 27 | 5220 | 2,5 | 53,28 | 93,3 | 60,0 | 95,0 | 60,0 | | | |
| | 33 | 4373 | 3,0 | 44,63 | 89,5 | 60,0 | 95,0 | 60,0 | | | |
| | 35 | 4069 | 3,2 | 41,54 | 88,2 | 60,0 | 95,0 | 60,0 | | | |
| | 41 | 3510 | 3,7 | 35,83 | 84,9 | 60,0 | 95,0 | 60,0 | | | |
| | 13 | 10760 | 0,8 | 110,18 | 40,9 | 50,0 | 66,0 | 30,4 | **SK 9072.1 - 160 LP/4** | 442 | E104-105 |
| | 16 | 8942 | 1,0 | 91,47 | 50,0 | 50,0 | 66,0 | 31,2 | | | |
| | 18 | 7783 | 1,1 | 79,69 | 54,2 | 50,0 | 66,0 | 31,3 | | | |
| | 21 | 6852 | 1,2 | 70,22 | 57,0 | 50,0 | 66,0 | 31,4 | | | |
| | 25 | 5713 | 1,5 | 58,44 | 59,9 | 50,0 | 66,0 | 31,2 | | | |
| | 29 | 4917 | 1,7 | 50,35 | 59,6 | 50,0 | 66,0 | 30,9 | | | |
| | 36 | 4013 | 1,9 | 41,11 | 57,5 | 50,0 | 66,0 | 30,2 | | | |
| | 42 | 3438 | 2,5 | 35,19 | 56,0 | 50,0 | 66,0 | 29,5 | | | |
| | 50 | 2866 | 3,0 | 29,29 | 54,0 | 50,0 | 66,0 | 28,8 | | | |
| | 58 | 2467 | 3,4 | 25,24 | 52,3 | 50,0 | 66,0 | 28,0 | | | |
| | 71 | 2013 | 4,2 | 20,61 | 50,1 | 50,0 | 66,0 | 26,9 | | | |
| | 23 | 6106 | 0,8 | 62,42 | 2,3 | 45,0 | 27,7 | 38,5 | **SK 9052.1 - 160 LP/4** | 302 | E100-101 |
| | 27 | 5334 | 0,9 | 54,56 | 11,8 | 45,0 | 31,9 | 38,2 | | | |
| | 33 | 4400 | 1,1 | 44,96 | 19,9 | 45,0 | 35,7 | 37,5 | | | |
| | 37 | 3886 | 1,2 | 39,72 | 22,7 | 45,0 | 37,3 | 37,0 | | | |
| | 40 | 3540 | 1,4 | 36,21 | 24,3 | 45,0 | 38,0 | 36,5 | | | |
| | 47 | 3063 | 1,6 | 31,28 | 26,1 | 45,0 | 38,0 | 35,7 | | | |



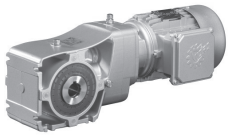
IE3

# 15,0 kW
# 18,5 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **15,0** | 54 | 2676 | 1,7 | 27,35 | 27,2 | 45,0 | 38,0 | 34,9 | **SK 9052.1 - 160 LP/4** | 302 | E100-101 |
| | 63 | 2285 | 1,9 | 23,33 | 28,2 | 45,0 | 38,0 | 33,9 | | | |
| | 65 | 2208 | 1,9 | 22,53 | 28,4 | 45,0 | 38,0 | 33,7 | | | |
| | 73 | 1950 | 2,2 | 19,91 | 28,9 | 45,0 | 38,0 | 32,9 | | | |
| | 82 | 1751 | 2,5 | 17,94 | 29,3 | 45,0 | 38,0 | 32,2 | | | |
| | 90 | 1600 | 2,7 | 16,33 | 29,5 | 45,0 | 38,0 | 31,2 | | | |
| | 109 | 1320 | 3,3 | 13,45 | 29,9 | 45,0 | 38,0 | 29,9 | | | |
| | 123 | 1166 | 3,3 | 11,88 | 30,1 | 45,0 | 38,0 | 29,1 | | | |
| | 137 | 1047 | 2,8 | 10,71 | 30,2 | 45,0 | 38,0 | 28,4 | | | |
| | 148 | 970 | 2,9 | 9,93 | 30,3 | 45,0 | 38,0 | 27,9 | | | |
| | 155 | 925 | 2,8 | 9,40 | 30,3 | 45,0 | 38,0 | 27,5 | | | |
| | 180 | 795 | 3,3 | 8,10 | 30,4 | 45,0 | 38,0 | 26,5 | | | |
| | 43 | 3361 | 0,8 | 34,39 | 17,9 | 27,0 | 23,0 | 7,6 | **SK 9042.1 - 160 LP/4** | 227 | E96-97 |
| | 52 | 2731 | 1,0 | 27,91 | 22,0 | 28,1 | 25,3 | 8,7 | | | |
| | 61 | 2335 | 1,2 | 23,89 | 23,0 | 28,5 | 26,4 | 9,4 | | | |
| | 72 | 1990 | 1,3 | 20,32 | 22,7 | 28,7 | 27,0 | 9,8 | | | |
| | 80 | 1784 | 1,4 | 18,20 | 22,5 | 28,6 | 27,3 | 10,0 | | | |
| | 93 | 1534 | 1,3 | 15,66 | 21,5 | 27,5 | 26,1 | 9,6 | | | |
| | 109 | 1312 | 1,5 | 13,40 | 21,1 | 27,3 | 26,3 | 9,8 | | | |
| | 128 | 1118 | 1,3 | 11,40 | 20,6 | 27,0 | 26,2 | 9,9 | | | |
| | 143 | 1002 | 1,5 | 10,21 | 20,3 | 26,7 | 26,1 | 9,9 | | | |
| | 156 | 921 | 1,6 | 9,39 | 20,0 | 26,4 | 26,0 | 9,9 | | | |
| | 165 | 868 | 1,6 | 8,83 | 19,8 | 26,2 | 25,8 | 9,9 | | | |
| **18,5** | 2,7 | 64260 | 0,8 | 538,33 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 180 MP/4** | 2020 | E112-113 E115 |
| | 3,1 | 56610 | 0,9 | 474,22 | 220,0 | 100,0 | - | - | | | |
| | 3,4 | 51450 | 1,0 | 431,00 | 220,0 | 100,0 | - | - | | | |
| | 4,0 | 44280 | 1,1 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 38280 | 1,3 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 5,0 | 35470 | 1,4 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,5 | 32240 | 1,6 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 6,3 | 27870 | 1,8 | 233,51 | 220,0 | 100,0 | - | - | | | |
| | 7,1 | 24940 | 2,0 | 208,95 | 220,0 | 100,0 | - | - | | | |
| | 7,4 | 23940 | 2,1 | 200,57 | 220,0 | 100,0 | - | - | **SK 9096.1 - 180 MP/4** | 1890 | E112-113 |
| | 8,5 | 20700 | 2,4 | 173,41 | 220,0 | 100,0 | - | - | | | |
| | 9,6 | 18420 | 2,7 | 154,29 | 220,0 | 100,0 | - | - | | | |
| | 11 | 15920 | 3,1 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 5,3 | 33590 | 1,0 | 280,76 | 38,0 | 70,0 | 100,4 | 70,0 | **SK 9092.1/52 - 180 MP/4** | 1630 | E110-111 E114 |
| | 6,6 | 26640 | 1,2 | 222,14 | 59,6 | 70,0 | 122,3 | 70,0 | | | |
| | 7,7 | 22890 | 1,4 | 191,28 | 69,5 | 70,0 | 133,1 | 70,0 | | | |
| | 9,7 | 18280 | 1,8 | 152,96 | 80,5 | 70,0 | 145,6 | 70,0 | **SK 9092.1 - 180 MP/4** | 1560 | E110-111 |
| | 12 | 14350 | 2,2 | 120,23 | 88,8 | 70,0 | 155,5 | 70,0 | | | |
| | 14 | 12220 | 2,6 | 102,28 | 93,0 | 70,0 | 160,0 | 70,0 | | | |
| | 16 | 10950 | 2,9 | 91,60 | 95,3 | 70,0 | 160,0 | 70,0 | | | |
| | 8,6 | 20550 | 1,0 | 171,89 | 74,1 | 65,0 | 92,1 | 65,0 | **SK 9086.1/52 - 180 MP/4** | 1060 | E108-109 E114 |
| | 10 | 17290 | 1,0 | 144,60 | 83,5 | 65,0 | 100,3 | 65,0 | | | |
| | 13 | 13920 | 1,4 | 116,50 | 91,6 | 65,0 | 109,8 | 65,0 | **SK 9086.1 - 180 MP/4** | 985 | E108-109 |
| | 16 | 10820 | 1,8 | 90,50 | 97,4 | 65,0 | 117,2 | 65,0 | | | |
| | 19 | 9351 | 2,1 | 78,24 | 99,4 | 65,0 | 120,0 | 65,0 | | | |
| | 22 | 8067 | 2,5 | 67,50 | 100,8 | 65,0 | 120,0 | 65,0 | | | |
| | 25 | 7038 | 2,8 | 58,90 | 101,9 | 65,0 | 120,0 | 65,0 | | | |
| | 12 | 14760 | 0,8 | 123,13 | 79,0 | 60,0 | 95,0 | 60,0 | **SK 9082.1/52 - 180 MP/4** | 811 | E106-107 E114 |
| | 13 | 13910 | 0,9 | 116,45 | 81,1 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 180 MP/4** | 735 | E106-107 |
| | 15 | 11450 | 1,1 | 95,86 | 86,5 | 60,0 | 95,0 | 60,0 | | | |
| | 18 | 9901 | 1,3 | 82,88 | 89,2 | 60,0 | 95,0 | 60,0 | | | |
| | 21 | 8542 | 1,5 | 71,50 | 91,2 | 60,0 | 95,0 | 60,0 | | | |
| | 24 | 7452 | 1,7 | 62,39 | 92,6 | 60,0 | 95,0 | 60,0 | | | |
| | 28 | 6373 | 2,0 | 53,28 | 90,6 | 60,0 | 95,0 | 60,0 | | | |
| | 33 | 5339 | 2,4 | 44,63 | 87,4 | 60,0 | 95,0 | 60,0 | | | |
| | 36 | 4967 | 2,6 | 41,54 | 86,0 | 60,0 | 95,0 | 60,0 | | | |
| | 41 | 4285 | 3,0 | 35,83 | 83,1 | 60,0 | 95,0 | 60,0 | | | |

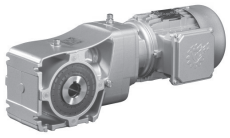
# 18,5 kW
# 22,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 18,5 | 16 | 10920 | 0,8 | 91,47 | 39,8 | 50,0 | 66,0 | 27,1 | **SK 9072.1 - 180 MP/4** | 475 | E104-105 |
| | 19 | 9502 | 0,9 | 79,69 | 47,4 | 50,0 | 66,0 | 27,9 | | | |
| | 21 | 8365 | 1,0 | 70,22 | 52,1 | 50,0 | 66,0 | 28,3 | | | |
| | 25 | 6975 | 1,2 | 58,44 | 56,7 | 50,0 | 66,0 | 28,6 | | | |
| | 29 | 6003 | 1,4 | 50,35 | 56,6 | 50,0 | 66,0 | 28,6 | | | |
| | 33 | 5349 | 1,4 | 44,81 | 55,8 | 50,0 | 66,0 | 28,5 | | | |
| | 36 | 4899 | 1,6 | 41,11 | 55,1 | 50,0 | 66,0 | 28,5 | | | |
| | 42 | 4197 | 2,0 | 35,19 | 53,9 | 50,0 | 66,0 | 28,0 | | | |
| | 50 | 3499 | 2,4 | 29,29 | 52,2 | 50,0 | 66,0 | 27,4 | | | |
| | 59 | 3012 | 2,8 | 25,24 | 50,9 | 50,0 | 66,0 | 26,9 | | | |
| | 66 | 2684 | 3,2 | 22,46 | 49,6 | 50,0 | 66,0 | 26,3 | | | |
| | 72 | 2458 | 3,5 | 20,61 | 48,8 | 50,0 | 66,0 | 26,0 | | | |
| | 81 | 2193 | 3,6 | 18,29 | 47,5 | 50,0 | 66,0 | 25,5 | | | |
| | 33 | 5372 | 0,9 | 44,96 | 11,1 | 45,0 | 31,6 | 35,1 | **SK 9052.1 - 180 MP/4** | 335 | E100-101 |
| | 37 | 4744 | 1,0 | 39,72 | 17,4 | 45,0 | 34,4 | 34,8 | | | |
| | 41 | 4322 | 1,1 | 36,21 | 20,3 | 45,0 | 35,9 | 34,6 | | | |
| | 47 | 3740 | 1,3 | 31,28 | 23,4 | 45,0 | 37,7 | 34,0 | | | |
| | 54 | 3267 | 1,4 | 27,35 | 25,3 | 45,0 | 38,0 | 33,4 | | | |
| | 63 | 2790 | 1,5 | 23,33 | 26,9 | 45,0 | 38,0 | 32,6 | | | |
| | 66 | 2695 | 1,6 | 22,53 | 27,2 | 45,0 | 38,0 | 32,5 | | | |
| | 74 | 2380 | 1,8 | 19,91 | 28,0 | 45,0 | 38,0 | 31,8 | | | |
| | 83 | 2138 | 2,0 | 17,94 | 28,5 | 45,0 | 38,0 | 31,2 | | | |
| | 90 | 1953 | 2,2 | 16,33 | 28,9 | 45,0 | 38,0 | 30,2 | | | |
| | 110 | 1612 | 2,7 | 13,45 | 29,5 | 45,0 | 38,0 | 29,1 | | | |
| | 124 | 1423 | 2,7 | 11,88 | 29,8 | 45,0 | 38,0 | 28,3 | | | |
| | 138 | 1279 | 2,3 | 10,71 | 30,0 | 45,0 | 38,0 | 27,7 | | | |
| | 149 | 1185 | 2,4 | 9,93 | 30,1 | 45,0 | 38,0 | 27,3 | | | |
| | 157 | 1129 | 2,3 | 9,40 | 30,1 | 45,0 | 38,0 | 26,9 | | | |
| | 182 | 970 | 2,7 | 8,10 | 30,3 | 45,0 | 38,0 | 26,0 | | | |
| | 53 | 3334 | 0,8 | 27,91 | 18,0 | 23,9 | 19,9 | 6,4 | **SK 9042.1 - 180 MP/4** | 260 | E96-97 |
| | 62 | 2851 | 0,9 | 23,89 | 21,0 | 25,0 | 21,8 | 7,3 | | | |
| | 73 | 2429 | 1,1 | 20,32 | 21,0 | 25,7 | 23,2 | 8,1 | | | |
| | 81 | 2178 | 1,1 | 18,20 | 21,0 | 26,0 | 23,9 | 8,5 | | | |
| | 94 | 1873 | 1,1 | 15,66 | 20,1 | 24,9 | 22,9 | 8,1 | | | |
| | 110 | 1602 | 1,2 | 13,40 | 20,0 | 25,1 | 23,5 | 8,5 | | | |
| | 129 | 1365 | 1,1 | 11,40 | 19,6 | 25,1 | 23,9 | 8,8 | | | |
| | 144 | 1224 | 1,2 | 10,21 | 19,4 | 25,0 | 24,0 | 8,9 | | | |
| | 157 | 1124 | 1,3 | 9,39 | 19,1 | 24,8 | 24,0 | 9,0 | | | |
| | 167 | 1059 | 1,3 | 8,83 | 19,0 | 24,7 | 24,0 | 9,0 | | | |
| 22,0 | 3,4 | 61390 | 0,8 | 431,00 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 180 LP/4** | 2020 | E112-113<br>E115 |
| | 4,0 | 52830 | 0,9 | 370,95 | 220,0 | 100,0 | - | - | | | |
| | 4,6 | 45680 | 1,1 | 320,72 | 220,0 | 100,0 | - | - | | | |
| | 5,0 | 42330 | 1,2 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,5 | 38470 | 1,3 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 6,3 | 33260 | 1,5 | 233,51 | 220,0 | 100,0 | - | - | | | |
| | 7,1 | 29760 | 1,7 | 208,95 | 220,0 | 100,0 | - | - | | | |
| | 7,4 | 28570 | 1,8 | 200,57 | 220,0 | 100,0 | - | - | **SK 9096.1 - 180 LP/4** | 1890 | E112-113 |
| | 8,5 | 24700 | 2,0 | 173,41 | 220,0 | 100,0 | - | - | | | |
| | 9,6 | 21970 | 2,3 | 154,29 | 220,0 | 100,0 | - | - | | | |
| | 11 | 19000 | 2,6 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 12 | 16830 | 3,0 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 5,2 | 40080 | 0,8 | 280,76 | 12,4 | 70,0 | 77,5 | 70,0 | **SK 9092.1/52 - 180 LP/4** | 1630 | E110-111<br>E114 |
| | 6,6 | 31780 | 1,0 | 222,14 | 44,0 | 70,0 | 106,3 | 70,0 | | | |
| | 7,7 | 27320 | 1,2 | 191,28 | 57,7 | 70,0 | 120,2 | 70,0 | | | |
| | 9,6 | 21810 | 1,5 | 152,96 | 72,2 | 70,0 | 136,1 | 70,0 | **SK 9092.1 - 180 LP/4** | 1560 | E110-111 |
| | 12 | 17130 | 1,9 | 120,23 | 83,0 | 70,0 | 148,5 | 70,0 | | | |
| | 14 | 14580 | 2,2 | 102,28 | 88,3 | 70,0 | 154,9 | 70,0 | | | |
| | 16 | 13060 | 2,4 | 91,60 | 91,3 | 70,0 | 158,6 | 70,0 | | | |
| | 18 | 11390 | 2,8 | 80,00 | 94,5 | 70,0 | 160,0 | 70,0 | | | |
| | 21 | 9832 | 3,3 | 68,87 | 97,4 | 70,0 | 160,0 | 70,0 | | | |
| | 8,6 | 24530 | 0,8 | 171,89 | 56,1 | 65,0 | 80,1 | 65,0 | **SK 9086.1/52 - 180 LP/4** | 1060 | E108-109<br>E114 |
| | 10 | 20630 | 0,9 | 144,60 | 73,8 | 65,0 | 90,8 | 65,0 | | | |



IE3

# 22,0 kW

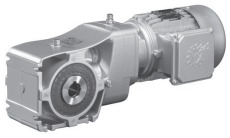
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **22,0** | 13 | 16610 | 1,2 | 116,50 | 85,7 | 65,0 | 102,9 | 65,0 | **SK 9086.1 - 180 LP/4** | 985 | E108-109 |
| | 16 | 12910 | 1,5 | 90,50 | 93,7 | 65,0 | 112,2 | 65,0 | | | |
| | 19 | 11160 | 1,8 | 78,24 | 96,9 | 65,0 | 116,4 | 65,0 | | | |
| | 22 | 9626 | 2,1 | 67,50 | 99,0 | 65,0 | 119,8 | 65,0 | | | |
| | 25 | 8398 | 2,4 | 58,90 | 100,5 | 65,0 | 120,0 | 65,0 | | | |
| | 29 | 7182 | 2,8 | 50,30 | 101,7 | 65,0 | 120,0 | 65,0 | | | |
| | 13 | 16600 | 0,8 | 116,45 | 73,6 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 180 LP/4** | 735 | E106-107 |
| | 15 | 13670 | 1,0 | 95,86 | 81,8 | 60,0 | 95,0 | 60,0 | | | |
| | 18 | 11810 | 1,1 | 82,88 | 85,8 | 60,0 | 95,0 | 60,0 | | | |
| | 21 | 10190 | 1,3 | 71,50 | 88,8 | 60,0 | 95,0 | 60,0 | | | |
| | 24 | 8892 | 1,5 | 62,39 | 90,8 | 60,0 | 95,0 | 60,0 | | | |
| | 28 | 7604 | 1,7 | 53,28 | 88,2 | 60,0 | 95,0 | 60,0 | | | |
| | 33 | 6370 | 2,0 | 44,63 | 85,3 | 60,0 | 95,0 | 60,0 | | | |
| | 35 | 5927 | 2,2 | 41,54 | 84,3 | 60,0 | 95,0 | 60,0 | | | |
| | 41 | 5113 | 2,5 | 35,83 | 81,6 | 60,0 | 95,0 | 60,0 | | | |
| | 47 | 4461 | 2,9 | 31,27 | 79,4 | 60,0 | 95,0 | 60,0 | | | |
| | 21 | 9982 | 0,9 | 70,22 | 45,2 | 50,0 | 66,0 | 25,3 | **SK 9072.1 - 180 LP/4** | 475 | E104-105 |
| | 25 | 8323 | 1,0 | 58,44 | 52,4 | 50,0 | 66,0 | 26,1 | | | |
| | 29 | 7163 | 1,1 | 50,35 | 53,5 | 50,0 | 66,0 | 26,5 | | | |
| | 33 | 6383 | 1,2 | 44,81 | 53,2 | 50,0 | 66,0 | 26,6 | | | |
| | 36 | 5845 | 1,3 | 41,11 | 52,7 | 50,0 | 66,0 | 26,6 | | | |
| | 42 | 5008 | 1,7 | 35,19 | 51,8 | 50,0 | 66,0 | 26,5 | | | |
| | 50 | 4176 | 2,0 | 29,29 | 50,5 | 50,0 | 66,0 | 26,1 | | | |
| | 58 | 3594 | 2,4 | 25,24 | 49,3 | 50,0 | 66,0 | 25,8 | | | |
| | 66 | 3202 | 2,7 | 22,46 | 48,3 | 50,0 | 66,0 | 25,4 | | | |
| | 72 | 2933 | 2,9 | 20,61 | 47,6 | 50,0 | 66,0 | 25,1 | | | |
| | 80 | 2617 | 3,0 | 18,29 | 46,5 | 50,0 | 66,0 | 24,6 | | | |
| | 90 | 2341 | 3,2 | 16,44 | 45,5 | 50,0 | 66,0 | 24,2 | | | |
| | 95 | 2206 | 3,4 | 15,40 | 44,7 | 50,0 | 66,0 | 23,8 | | | |
| | 105 | 2000 | 2,6 | 14,06 | 43,4 | 50,0 | 66,0 | 23,1 | | | |
| | 118 | 1782 | 2,8 | 12,51 | 42,3 | 50,0 | 65,3 | 22,6 | | | |
| | 122 | 1718 | 2,9 | 12,06 | 42,0 | 50,0 | 64,8 | 22,5 | | | |
| | 129 | 1632 | 3,1 | 11,48 | 41,5 | 50,0 | 64,2 | 22,3 | | | |
| | 144 | 1456 | 3,2 | 10,19 | 40,4 | 50,0 | 62,6 | 21,8 | | | |
| | 161 | 1303 | 3,6 | 9,16 | 39,5 | 50,0 | 61,2 | 21,3 | | | |
| | 37 | 5661 | 0,8 | 39,72 | 6,1 | 45,0 | 30,3 | 32,7 | **SK 9052.1 - 180 LP/4** | 335 | E100-101 |
| | 41 | 5157 | 0,9 | 36,21 | 13,8 | 45,0 | 32,7 | 32,7 | | | |
| | 47 | 4463 | 1,1 | 31,28 | 19,5 | 45,0 | 35,5 | 32,4 | | | |
| | 54 | 3898 | 1,2 | 27,35 | 22,7 | 45,0 | 37,3 | 32,0 | | | |
| | 63 | 3329 | 1,3 | 23,33 | 25,1 | 45,0 | 38,0 | 31,3 | | | |
| | 65 | 3216 | 1,3 | 22,53 | 25,5 | 45,0 | 38,0 | 31,3 | | | |
| | 74 | 2840 | 1,5 | 19,91 | 26,8 | 45,0 | 38,0 | 30,7 | | | |
| | 82 | 2551 | 1,7 | 17,94 | 27,5 | 45,0 | 38,0 | 30,2 | | | |
| | 90 | 2331 | 1,8 | 16,33 | 28,1 | 45,0 | 38,0 | 29,2 | | | |
| | 109 | 1923 | 2,2 | 13,45 | 29,0 | 45,0 | 38,0 | 28,3 | | | |
| | 124 | 1698 | 2,3 | 11,88 | 29,4 | 45,0 | 38,0 | 27,7 | | | |
| | 138 | 1526 | 1,9 | 10,71 | 29,6 | 45,0 | 38,0 | 27,1 | | | |
| | 149 | 1414 | 2,0 | 9,93 | 29,8 | 45,0 | 38,0 | 26,7 | | | |
| | 156 | 1347 | 1,9 | 9,40 | 29,9 | 45,0 | 38,0 | 26,4 | | | |
| | 182 | 1157 | 2,2 | 8,10 | 30,1 | 45,0 | 38,0 | 25,6 | | | |
| | 62 | 3402 | 0,8 | 23,89 | 17,6 | 21,5 | 17,2 | 5,3 | **SK 9042.1 - 180 LP/4** | 260 | E96-97 |
| | 72 | 2898 | 0,9 | 20,32 | 19,4 | 22,7 | 19,3 | 6,3 | | | |
| | 81 | 2599 | 0,9 | 18,20 | 19,5 | 23,4 | 20,5 | 6,9 | | | |
| | 94 | 2235 | 0,9 | 15,66 | 18,7 | 22,5 | 19,6 | 6,6 | | | |
| | 110 | 1911 | 1,0 | 13,40 | 18,7 | 22,9 | 20,7 | 7,3 | | | |
| | 129 | 1628 | 0,9 | 11,40 | 18,6 | 23,2 | 21,6 | 7,7 | | | |
| | 144 | 1460 | 1,0 | 10,21 | 18,5 | 23,4 | 22,0 | 7,9 | | | |
| | 157 | 1341 | 1,1 | 9,39 | 18,3 | 23,4 | 22,1 | 8,1 | | | |
| | 166 | 1264 | 1,1 | 8,83 | 18,2 | 23,3 | 22,2 | 8,2 | | | |

# 30,0 kW

IE3

NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **30,0** | 4,6 | 61870 | 0,8 | 320,72 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 225 RP/4** | 2180 | E112-113 E115 |
| | 5,0 | 57330 | 0,9 | 297,17 | 220,0 | 100,0 | - | - | | | |
| | 5,5 | 52100 | 1,0 | 270,09 | 220,0 | 100,0 | - | - | | | |
| | 6,4 | 45050 | 1,1 | 233,51 | 220,0 | 100,0 | - | - | | | |
| | 7,1 | 40310 | 1,2 | 208,95 | 220,0 | 100,0 | - | - | | | |
| | 7,4 | 38690 | 1,3 | 200,57 | 220,0 | 100,0 | - | - | **SK 9096.1 - 225 RP/4** | 2050 | E112-113 |
| | 8,6 | 33450 | 1,5 | 173,41 | 220,0 | 100,0 | - | - | | | |
| | 9,6 | 29760 | 1,7 | 154,29 | 220,0 | 100,0 | - | - | | | |
| | 11 | 25730 | 1,9 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 13 | 22800 | 2,2 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 15 | 19710 | 2,5 | 102,18 | 220,0 | 100,0 | - | - | | | |
| | 17 | 17290 | 2,9 | 89,60 | 220,0 | 100,0 | - | - | | | |
| | 18 | 15710 | 3,2 | 81,43 | 220,0 | 100,0 | - | - | | | |
| | 12 | 23200 | 1,4 | 120,23 | 68,7 | 70,0 | 132,2 | 70,0 | **SK 9092.1 - 225 RP/4** | 1720 | E110-111 |
| | 15 | 19750 | 1,6 | 102,28 | 77,1 | 70,0 | 141,7 | 70,0 | | | |
| | 16 | 17700 | 1,8 | 91,60 | 81,8 | 70,0 | 147,1 | 70,0 | | | |
| | 19 | 15430 | 2,1 | 80,00 | 86,6 | 70,0 | 152,8 | 70,0 | | | |
| | 22 | 13320 | 2,4 | 68,87 | 90,8 | 70,0 | 158,0 | 70,0 | | | |
| | 25 | 11330 | 2,8 | 58,66 | 94,1 | 70,0 | 160,0 | 70,0 | | | |
| | 16 | 17480 | 1,1 | 90,50 | 83,7 | 65,0 | 100,6 | 65,0 | **SK 9086.1 - 225 RP/4** | 1140 | E108-109 |
| | 19 | 15110 | 1,3 | 78,24 | 89,1 | 65,0 | 106,8 | 65,0 | | | |
| | 22 | 13040 | 1,5 | 67,50 | 93,4 | 65,0 | 111,9 | 65,0 | | | |
| | 25 | 11370 | 1,8 | 58,90 | 96,6 | 65,0 | 115,9 | 65,0 | | | |
| | 29 | 9728 | 2,1 | 50,30 | 98,9 | 65,0 | 119,6 | 65,0 | | | |
| | 35 | 8149 | 2,5 | 42,13 | 100,8 | 65,0 | 120,0 | 65,0 | | | |
| | 42 | 6855 | 2,6 | 35,44 | 102,0 | 65,0 | 120,0 | 65,0 | | | |
| | 18 | 16000 | 0,8 | 82,88 | 74,8 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 225 RP/4** | 895 | E106-107 |
| | 21 | 13810 | 0,9 | 71,50 | 81,0 | 60,0 | 95,0 | 60,0 | | | |
| | 24 | 12040 | 1,1 | 62,39 | 84,2 | 60,0 | 95,0 | 60,0 | | | |
| | 28 | 10300 | 1,3 | 53,28 | 82,6 | 60,0 | 95,0 | 60,0 | | | |
| | 33 | 8628 | 1,5 | 44,63 | 80,8 | 60,0 | 95,0 | 60,0 | | | |
| | 36 | 8028 | 1,6 | 41,54 | 79,8 | 60,0 | 95,0 | 60,0 | | | |
| | 41 | 6926 | 1,9 | 35,83 | 77,9 | 60,0 | 95,0 | 60,0 | | | |
| | 47 | 6042 | 2,2 | 31,27 | 76,1 | 60,0 | 95,0 | 60,0 | | | |
| | 55 | 5167 | 2,5 | 26,71 | 73,8 | 60,0 | 95,0 | 60,0 | | | |
| | 66 | 4329 | 3,0 | 22,37 | 71,1 | 60,0 | 95,0 | 58,7 | | | |
| | 86 | 3344 | 3,9 | 17,35 | 67,3 | 60,0 | 95,0 | 55,5 | | | |
| | 101 | 2823 | 4,6 | 14,61 | 64,5 | 60,0 | 95,0 | 53,3 | | | |
| | 25 | 11270 | 0,8 | 58,44 | 23,4 | 50,0 | 61,8 | 21,7 | **SK 9072.1 - 225 RP/4** | 635 | E104-105 |
| | 30 | 9702 | 0,8 | 50,35 | 45,9 | 50,0 | 65,3 | 21,5 | | | |
| | 33 | 8645 | 0,9 | 44,81 | 47,0 | 50,0 | 66,0 | 22,1 | | | |
| | 36 | 7917 | 1,0 | 41,11 | 47,0 | 50,0 | 66,0 | 22,5 | | | |
| | 42 | 6783 | 1,3 | 35,19 | 47,0 | 50,0 | 66,0 | 23,0 | | | |
| | 51 | 5656 | 1,5 | 29,29 | 46,6 | 50,0 | 66,0 | 23,2 | | | |
| | 59 | 4868 | 1,7 | 25,24 | 46,0 | 50,0 | 66,0 | 23,3 | | | |
| | 66 | 4337 | 2,0 | 22,46 | 45,3 | 50,0 | 66,0 | 23,2 | | | |
| | 72 | 3972 | 2,1 | 20,61 | 44,9 | 50,0 | 66,0 | 23,1 | | | |
| | 81 | 3544 | 2,2 | 18,29 | 44,1 | 50,0 | 66,0 | 22,8 | | | |
| | 90 | 3171 | 2,4 | 16,44 | 43,3 | 50,0 | 65,8 | 22,6 | | | |
| | 96 | 2987 | 2,5 | 15,40 | 42,6 | 50,0 | 64,8 | 22,3 | | | |
| | 106 | 2709 | 1,9 | 14,06 | 41,4 | 50,0 | 63,0 | 21,6 | | | |
| | 119 | 2414 | 2,1 | 12,51 | 40,6 | 50,0 | 61,8 | 21,3 | | | |
| | 123 | 2326 | 2,1 | 12,06 | 40,3 | 50,0 | 61,5 | 21,2 | | | |
| | 130 | 2210 | 2,3 | 11,48 | 39,9 | 50,0 | 61,0 | 21,0 | | | |
| | 145 | 1972 | 2,4 | 10,19 | 39,0 | 50,0 | 59,8 | 20,7 | | | |
| | 162 | 1765 | 2,7 | 9,16 | 38,2 | 50,0 | 58,7 | 20,4 | | | |



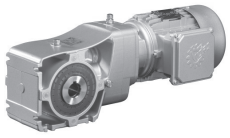
IE3

# 37,0 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **37,0** | 5,5 | 64260 | 0,8 | 270,09 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 225 SP/4** | 2200 | E112-113 |
| | 6,4 | 55560 | 0,9 | 233,51 | 220,0 | 100,0 | - | - | | | E115 |
| | 7,1 | 49720 | 1,0 | 208,95 | 220,0 | 100,0 | - | - | | | |
| | 7,4 | 47720 | 1,0 | 200,57 | 220,0 | 100,0 | - | - | **SK 9096.1 - 225 SP/4** | 2060 | E112-113 |
| | 8,6 | 41260 | 1,2 | 173,41 | 220,0 | 100,0 | - | - | | | |
| | 9,6 | 36710 | 1,4 | 154,29 | 220,0 | 100,0 | - | - | | | |
| | 11 | 31740 | 1,6 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 13 | 28120 | 1,8 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 15 | 24310 | 2,1 | 102,18 | 220,0 | 100,0 | - | - | | | |
| | 17 | 21320 | 2,3 | 89,60 | 220,0 | 100,0 | - | - | | | |
| | 18 | 19380 | 2,6 | 81,43 | 220,0 | 100,0 | - | - | | | |
| | 21 | 16750 | 3,0 | 70,41 | 220,0 | 100,0 | - | - | | | |
| | 24 | 14850 | 3,4 | 62,39 | 220,0 | 100,0 | - | - | | | |
| | 12 | 28610 | 1,1 | 120,23 | 53,9 | 70,0 | 116,3 | 70,0 | **SK 9092.1 - 225 SP/4** | 1730 | E110-111 |
| | 15 | 24360 | 1,3 | 102,28 | 65,7 | 70,0 | 128,9 | 70,0 | | | |
| | 16 | 21820 | 1,5 | 91,60 | 72,2 | 70,0 | 136,0 | 70,0 | | | |
| | 19 | 19030 | 1,7 | 80,00 | 78,8 | 70,0 | 143,6 | 70,0 | | | |
| | 22 | 16420 | 1,9 | 68,87 | 84,5 | 70,0 | 150,3 | 70,0 | | | |
| | 25 | 13970 | 2,3 | 58,66 | 88,9 | 70,0 | 155,5 | 70,0 | | | |
| | 30 | 11840 | 2,7 | 49,75 | 93,2 | 70,0 | 160,0 | 70,0 | | | |
| | 31 | 11400 | 2,8 | 47,93 | 94,5 | 70,0 | 160,0 | 70,0 | | | |
| | 32 | 10950 | 2,9 | 46,02 | 95,3 | 70,0 | 160,0 | 70,0 | | | |
| | 34 | 10390 | 2,7 | 43,68 | 95,9 | 70,0 | 160,0 | 70,0 | | | |
| | 16 | 21560 | 0,9 | 90,50 | 70,2 | 65,0 | 89,1 | 65,0 | **SK 9086.1 - 225 SP/4** | 1160 | E108-109 |
| | 19 | 18640 | 1,1 | 78,24 | 80,5 | 65,0 | 97,5 | 65,0 | | | |
| | 22 | 16080 | 1,2 | 67,50 | 86,9 | 65,0 | 104,3 | 65,0 | | | |
| | 25 | 14030 | 1,4 | 58,90 | 91,4 | 65,0 | 109,5 | 65,0 | | | |
| | 29 | 12000 | 1,7 | 50,30 | 95,5 | 65,0 | 114,4 | 65,0 | | | |
| | 35 | 10050 | 2,0 | 42,13 | 98,5 | 65,0 | 118,9 | 65,0 | | | |
| | 42 | 8454 | 2,1 | 35,44 | 100,4 | 65,0 | 120,0 | 65,0 | | | |
| | 50 | 7038 | 2,8 | 29,52 | 98,4 | 65,0 | 120,0 | 65,0 | | | |
| | 59 | 6019 | 3,3 | 25,21 | 95,4 | 65,0 | 120,0 | 65,0 | | | |
| | 70 | 5042 | 4,0 | 21,12 | 91,8 | 65,0 | 120,0 | 65,0 | | | |
| | 83 | 4241 | 4,5 | 17,77 | 88,1 | 65,0 | 120,0 | 64,3 | | | |
| | 91 | 3895 | 4,9 | 16,38 | 86,6 | 65,0 | 120,0 | 63,1 | | | |
| | 101 | 3510 | 4,3 | 14,70 | 83,7 | 65,0 | 120,0 | 61,0 | | | |
| | 120 | 2940 | 4,8 | 12,31 | 80,3 | 65,0 | 120,0 | 58,5 | | | |
| | 128 | 2766 | 6,1 | 11,60 | 79,6 | 65,0 | 120,0 | 57,9 | | | |
| | 156 | 2271 | 5,7 | 9,55 | 75,4 | 65,0 | 120,0 | 54,8 | | | |
| | 21 | 17030 | 0,8 | 71,50 | 72,0 | 60,0 | 95,0 | 60,0 | **SK 9082.1 - 225 SP/4** | 910 | E106-107 |
| | 24 | 14850 | 0,9 | 62,39 | 78,1 | 60,0 | 95,0 | 60,0 | | | |
| | 28 | 12700 | 1,0 | 53,28 | 77,6 | 60,0 | 95,0 | 60,0 | | | |
| | 33 | 10640 | 1,2 | 44,63 | 76,5 | 60,0 | 95,0 | 60,0 | | | |
| | 36 | 9901 | 1,3 | 41,54 | 75,9 | 60,0 | 95,0 | 60,0 | | | |
| | 41 | 8542 | 1,5 | 35,83 | 74,5 | 60,0 | 95,0 | 60,0 | | | |
| | 47 | 7452 | 1,7 | 31,27 | 73,0 | 60,0 | 95,0 | 60,0 | | | |
| | 55 | 6373 | 2,0 | 26,71 | 71,3 | 60,0 | 95,0 | 58,9 | | | |
| | 66 | 5339 | 2,4 | 22,37 | 68,9 | 60,0 | 95,0 | 57,0 | | | |
| | 86 | 4124 | 3,2 | 17,35 | 65,4 | 60,0 | 95,0 | 54,0 | | | |
| | 101 | 3482 | 3,7 | 14,61 | 63,1 | 60,0 | 95,0 | 52,2 | | | |
| | 120 | 2938 | 2,9 | 12,31 | 59,9 | 60,0 | 95,0 | 49,5 | | | |
| | 36 | 9765 | 0,8 | 41,11 | 42,1 | 50,0 | 58,4 | 19,0 | **SK 9072.1 - 225 SP/4** | 650 | E104-105 |
| | 42 | 8365 | 1,0 | 35,19 | 42,8 | 50,0 | 60,6 | 20,0 | | | |
| | 51 | 6975 | 1,2 | 29,29 | 43,1 | 50,0 | 62,2 | 20,8 | | | |
| | 59 | 6003 | 1,4 | 25,24 | 42,9 | 50,0 | 62,9 | 21,1 | | | |
| | 66 | 5349 | 1,6 | 22,46 | 42,7 | 50,0 | 63,0 | 21,2 | | | |
| | 72 | 4899 | 1,7 | 20,61 | 42,4 | 50,0 | 62,8 | 21,3 | | | |
| | 81 | 4371 | 1,8 | 18,29 | 41,9 | 50,0 | 62,6 | 21,2 | | | |
| | 90 | 3911 | 1,9 | 16,44 | 41,3 | 50,0 | 62,0 | 21,2 | | | |
| | 96 | 3684 | 2,0 | 15,40 | 40,7 | 50,0 | 61,2 | 20,9 | | | |
| | 106 | 3341 | 1,6 | 14,06 | 39,5 | 50,0 | 59,2 | 20,2 | | | |
| | 119 | 2977 | 1,7 | 12,51 | 38,8 | 50,0 | 58,6 | 20,0 | | | |
| | 123 | 2869 | 1,7 | 12,06 | 38,7 | 50,0 | 58,3 | 20,0 | | | |
| | 130 | 2726 | 1,8 | 11,48 | 38,4 | 50,0 | 58,0 | 20,0 | | | |
| | 145 | 2432 | 1,9 | 10,19 | 37,6 | 50,0 | 57,2 | 19,7 | | | |
| | 162 | 2177 | 2,2 | 9,16 | 36,9 | 50,0 | 56,3 | 19,4 | | | |

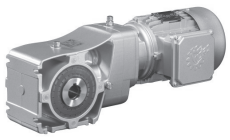
# 45,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **45,0** | 7,1 | 60460 | 0,8 | 208,95 | 220,0 | 100,0 | - | - | **SK 9096.1/62 - 225 MP/4** | 2230 | E112-113<br>E115 |
| | 9,6 | 44650 | 1,1 | 154,29 | 220,0 | 100,0 | - | - | **SK 9096.1 - 225 MP/4** | 2100 | E112-113 |
| | 11 | 38600 | 1,3 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 13 | 34200 | 1,5 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 15 | 29570 | 1,7 | 102,18 | 220,0 | 100,0 | - | - | | | |
| | 17 | 25930 | 1,9 | 89,60 | 220,0 | 100,0 | - | - | | | |
| | 18 | 23560 | 2,1 | 81,43 | 220,0 | 100,0 | - | - | | | |
| | 21 | 20370 | 2,5 | 70,41 | 220,0 | 100,0 | - | - | | | |
| | 23 | 18830 | 2,7 | 65,07 | 220,0 | 100,0 | - | - | | | |
| | 24 | 18060 | 2,8 | 62,39 | 220,0 | 100,0 | - | - | | | |
| | 26 | 16280 | 3,1 | 56,26 | 220,0 | 100,0 | - | - | | | |
| | 28 | 15610 | 2,9 | 53,95 | 220,0 | 100,0 | - | - | | | |
| | 15 | 29620 | 1,1 | 102,28 | 50,9 | 70,0 | 113,2 | 70,0 | **SK 9092.1 - 225 MP/4** | 1760 | E110-111 |
| | 16 | 26540 | 1,2 | 91,60 | 59,8 | 70,0 | 122,5 | 70,0 | | | |
| | 19 | 23150 | 1,4 | 80,00 | 68,9 | 70,0 | 132,4 | 70,0 | | | |
| | 22 | 19980 | 1,6 | 68,87 | 76,6 | 70,0 | 141,1 | 70,0 | | | |
| | 25 | 16990 | 1,9 | 58,66 | 82,5 | 70,0 | 147,8 | 70,0 | | | |
| | 30 | 14400 | 2,2 | 49,75 | 88,1 | 70,0 | 154,4 | 70,0 | | | |
| | 31 | 13870 | 2,3 | 47,93 | 89,8 | 70,0 | 156,6 | 70,0 | | | |
| | 32 | 13320 | 2,4 | 46,02 | 90,8 | 70,0 | 158,0 | 70,0 | | | |
| | 34 | 12640 | 2,2 | 43,68 | 91,6 | 70,0 | 158,8 | 70,0 | | | |
| | 36 | 11800 | 2,7 | 40,65 | 93,2 | 70,0 | 160,0 | 70,0 | | | |
| | 38 | 11330 | 2,8 | 39,10 | 94,1 | 70,0 | 160,0 | 70,0 | | | |
| | 44 | 9875 | 3,2 | 34,15 | 96,8 | 70,0 | 160,0 | 70,0 | | | |
| | 19 | 22670 | 0,9 | 78,24 | 65,5 | 65,0 | 85,8 | 65,0 | **SK 9086.1 - 225 MP/4** | 1200 | E108-109 |
| | 22 | 19560 | 1,0 | 67,50 | 77,6 | 65,0 | 94,9 | 65,0 | | | |
| | 25 | 17060 | 1,2 | 58,90 | 84,7 | 65,0 | 101,7 | 65,0 | | | |
| | 29 | 14590 | 1,4 | 50,30 | 90,2 | 65,0 | 108,1 | 65,0 | | | |
| | 35 | 12220 | 1,6 | 42,13 | 95,1 | 65,0 | 113,9 | 65,0 | | | |
| | 42 | 10280 | 1,8 | 35,44 | 97,4 | 65,0 | 117,9 | 65,0 | | | |
| | 50 | 8560 | 2,3 | 29,52 | 95,2 | 65,0 | 120,0 | 65,0 | | | |
| | 59 | 7320 | 2,7 | 25,21 | 92,6 | 65,0 | 120,0 | 65,0 | | | |
| | 70 | 6132 | 3,3 | 21,12 | 89,6 | 65,0 | 120,0 | 65,0 | | | |
| | 83 | 5158 | 3,7 | 17,77 | 86,1 | 65,0 | 120,0 | 62,9 | | | |
| | 91 | 4737 | 4,0 | 16,38 | 84,8 | 65,0 | 120,0 | 61,9 | | | |
| | 101 | 4268 | 3,5 | 14,70 | 82,0 | 65,0 | 120,0 | 59,8 | | | |
| | 120 | 3576 | 3,9 | 12,31 | 78,8 | 65,0 | 120,0 | 57,5 | | | |
| | 128 | 3365 | 5,1 | 11,60 | 78,3 | 65,0 | 120,0 | 57,1 | | | |
| | 156 | 2762 | 4,7 | 9,55 | 74,2 | 65,0 | 120,0 | 54,1 | | | |
| | 28 | 15450 | 0,8 | 53,28 | 71,9 | 60,0 | 95,0 | 59,9 | **SK 9082.1 - 225 MP/4** | 945 | E106-107 |
| | 33 | 12940 | 1,0 | 44,63 | 71,7 | 60,0 | 95,0 | 59,6 | | | |
| | 36 | 12040 | 1,1 | 41,54 | 71,5 | 60,0 | 95,0 | 59,3 | | | |
| | 41 | 10390 | 1,3 | 35,83 | 70,8 | 60,0 | 95,0 | 58,7 | | | |
| | 47 | 9064 | 1,4 | 31,27 | 69,8 | 60,0 | 95,0 | 57,8 | | | |
| | 55 | 7751 | 1,7 | 26,71 | 68,3 | 60,0 | 95,0 | 56,6 | | | |
| | 66 | 6493 | 2,0 | 22,37 | 66,5 | 60,0 | 95,0 | 55,1 | | | |
| | 74 | 5840 | 2,2 | 20,16 | 65,4 | 60,0 | 95,0 | 54,0 | | | |
| | 86 | 5015 | 2,6 | 17,35 | 63,7 | 60,0 | 95,0 | 52,6 | | | |
| | 101 | 4235 | 3,1 | 14,61 | 61,5 | 60,0 | 95,0 | 50,8 | | | |
| | 120 | 3573 | 2,4 | 12,31 | 58,5 | 60,0 | 95,0 | 48,3 | | | |
| | 184 | 2330 | 3,1 | 8,04 | 53,3 | 60,0 | 95,0 | 44,0 | | | |
| | 51 | 8483 | 1,0 | 29,29 | 38,9 | 50,0 | 54,5 | 17,9 | **SK 9072.1 - 225 MP/4** | 685 | E104-105 |
| | 59 | 7301 | 1,2 | 25,24 | 39,5 | 50,0 | 56,2 | 18,6 | | | |
| | 66 | 6506 | 1,3 | 22,46 | 39,6 | 50,0 | 57,1 | 19,0 | | | |
| | 72 | 5958 | 1,4 | 20,61 | 39,6 | 50,0 | 57,5 | 19,3 | | | |
| | 81 | 5316 | 1,5 | 18,29 | 39,4 | 50,0 | 57,8 | 19,5 | | | |
| | 90 | 4757 | 1,6 | 16,44 | 39,1 | 50,0 | 58,0 | 19,5 | | | |
| | 96 | 4481 | 1,7 | 15,40 | 38,7 | 50,0 | 57,1 | 19,4 | | | |
| | 106 | 4063 | 1,3 | 14,06 | 37,5 | 50,0 | 55,2 | 18,7 | | | |
| | 119 | 3620 | 1,4 | 12,51 | 37,1 | 49,8 | 55,1 | 18,7 | | | |
| | 123 | 3490 | 1,4 | 12,06 | 36,8 | 49,6 | 55,0 | 18,7 | | | |
| | 130 | 3316 | 1,5 | 11,48 | 36,7 | 49,3 | 55,0 | 18,7 | | | |
| | 145 | 2958 | 1,6 | 10,19 | 36,1 | 48,8 | 54,3 | 18,6 | | | |
| | 162 | 2647 | 1,8 | 9,16 | 35,6 | 48,1 | 53,7 | 18,4 | | | |



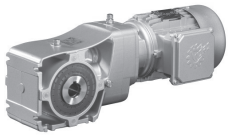
IE3

**55,0 kW**
**75,0 kW**

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **55,0** | 9,6 | 54750 | 0,9 | 154,29 | 220,0 | 100,0 | - | - | **SK 9096.1 - 250 WP/4** | 2140 | E112-113 |
| | 11 | 47340 | 1,1 | 133,53 | 220,0 | 100,0 | - | - | | | |
| | 13 | 41940 | 1,2 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 14 | 36260 | 1,4 | 102,18 | 220,0 | 100,0 | - | - | | | |
| | 17 | 31800 | 1,6 | 89,60 | 220,0 | 100,0 | - | - | | | |
| | 18 | 28900 | 1,7 | 81,43 | 220,0 | 100,0 | - | - | | | |
| | 21 | 24990 | 2,0 | 70,41 | 220,0 | 100,0 | - | - | | | |
| | 23 | 23090 | 2,2 | 65,07 | 220,0 | 100,0 | - | - | | | |
| | 24 | 22140 | 2,3 | 62,39 | 220,0 | 100,0 | - | - | | | |
| | 26 | 19960 | 2,5 | 56,26 | 216,6 | 100,0 | - | - | | | |
| | 27 | 19140 | 2,4 | 53,95 | 214,7 | 100,0 | - | - | | | |
| | 31 | 16960 | 2,9 | 47,79 | 209,5 | 100,0 | - | - | | | |
| | 14 | 36330 | 0,9 | 102,28 | 28,0 | 70,0 | 91,0 | 70,0 | **SK 9092.1 - 250 WP/4** | 1800 | E110-111 |
| | 16 | 32550 | 1,0 | 91,60 | 41,5 | 70,0 | 103,8 | 70,0 | | | |
| | 19 | 28380 | 1,1 | 80,00 | 54,6 | 70,0 | 117,0 | 70,0 | | | |
| | 21 | 24500 | 1,3 | 68,87 | 65,4 | 70,0 | 128,5 | 70,0 | | | |
| | 25 | 20830 | 1,5 | 58,66 | 73,6 | 70,0 | 137,4 | 70,0 | | | |
| | 30 | 17650 | 1,8 | 49,75 | 81,0 | 70,0 | 146,0 | 70,0 | | | |
| | 31 | 17010 | 1,9 | 47,93 | 83,2 | 70,0 | 148,8 | 70,0 | | | |
| | 32 | 16330 | 2,0 | 46,02 | 84,7 | 70,0 | 150,5 | 70,0 | | | |
| | 34 | 15500 | 1,8 | 43,68 | 85,7 | 70,0 | 151,6 | 70,0 | | | |
| | 36 | 14470 | 2,2 | 40,65 | 87,9 | 70,0 | 154,2 | 70,0 | | | |
| | 38 | 13890 | 2,3 | 39,10 | 89,1 | 70,0 | 155,7 | 70,0 | | | |
| | 43 | 12110 | 2,6 | 34,15 | 92,6 | 70,0 | 160,0 | 70,0 | | | |
| | 50 | 10410 | 3,1 | 29,28 | 96,3 | 70,0 | 160,0 | 70,0 | | | |
| | 22 | 23980 | 0,8 | 67,50 | 59,1 | 65,0 | 81,8 | 65,0 | **SK 9086.1 - 250 WP/4** | 1230 | E108-109 |
| | 25 | 20920 | 1,0 | 58,90 | 72,7 | 65,0 | 91,0 | 65,0 | | | |
| | 29 | 17890 | 1,1 | 50,30 | 82,6 | 65,0 | 99,5 | 65,0 | | | |
| | 35 | 14990 | 1,3 | 42,13 | 89,3 | 65,0 | 107,1 | 65,0 | | | |
| | 42 | 12610 | 1,4 | 35,44 | 92,5 | 65,0 | 112,3 | 65,0 | | | |
| | 50 | 10500 | 1,9 | 29,52 | 91,3 | 65,0 | 117,9 | 65,0 | | | |
| | 59 | 8977 | 2,2 | 25,21 | 89,3 | 65,0 | 120,0 | 65,0 | | | |
| | 70 | 7520 | 2,7 | 21,12 | 86,7 | 65,0 | 120,0 | 63,6 | | | |
| | 83 | 6326 | 3,0 | 17,77 | 83,7 | 65,0 | 120,0 | 61,3 | | | |
| | 90 | 5809 | 3,3 | 16,38 | 82,7 | 65,0 | 120,0 | 60,5 | | | |
| | 100 | 5235 | 2,9 | 14,70 | 79,8 | 65,0 | 120,0 | 58,4 | | | |
| | 120 | 4385 | 3,2 | 12,31 | 77,0 | 65,0 | 120,0 | 56,3 | | | |
| | 127 | 4126 | 4,1 | 11,60 | 76,7 | 65,0 | 120,0 | 56,0 | | | |
| | 155 | 3387 | 3,8 | 9,55 | 72,8 | 65,0 | 120,0 | 53,1 | | | |
| | 33 | 15870 | 0,8 | 44,63 | 65,6 | 60,0 | 95,0 | 54,9 | **SK 9082.1 - 250 WP/4** | 980 | E106-107 |
| | 36 | 14770 | 0,9 | 41,54 | 65,9 | 60,0 | 95,0 | 54,9 | | | |
| | 41 | 12740 | 1,0 | 35,83 | 65,9 | 60,0 | 95,0 | 54,9 | | | |
| | 47 | 11120 | 1,2 | 31,27 | 65,7 | 60,0 | 95,0 | 54,5 | | | |
| | 55 | 9505 | 1,4 | 26,71 | 64,8 | 60,0 | 95,0 | 53,8 | | | |
| | 66 | 7963 | 1,6 | 22,37 | 63,7 | 60,0 | 95,0 | 52,8 | | | |
| | 73 | 7162 | 1,8 | 20,16 | 62,8 | 60,0 | 95,0 | 51,9 | | | |
| | 85 | 6150 | 2,1 | 17,35 | 61,3 | 60,0 | 95,0 | 50,8 | | | |
| | 101 | 5194 | 2,5 | 14,61 | 59,7 | 60,0 | 95,0 | 49,2 | | | |
| | 120 | 4382 | 1,9 | 12,31 | 56,7 | 60,0 | 95,0 | 46,9 | | | |
| | 184 | 2858 | 2,5 | 8,04 | 52,1 | 60,0 | 95,0 | 43,0 | | | |
| **75,0** | 11 | 64330 | 0,8 | 133,53 | 220,0 | 100,0 | - | - | **SK 9096.1 - 280 SP/4** | 2300 | E112-113 |
| | 13 | 57000 | 0,9 | 118,18 | 220,0 | 100,0 | - | - | | | |
| | 15 | 49280 | 1,0 | 102,18 | 220,0 | 100,0 | - | - | | | |
| | 17 | 43210 | 1,2 | 89,60 | 219,3 | 100,0 | - | - | | | |
| | 18 | 39270 | 1,3 | 81,43 | 217,1 | 100,0 | - | - | | | |
| | 21 | 33960 | 1,5 | 70,41 | 212,7 | 100,0 | - | - | | | |
| | 23 | 31380 | 1,6 | 65,07 | 210,9 | 100,0 | - | - | | | |
| | 24 | 30090 | 1,7 | 62,39 | 209,6 | 100,0 | - | - | | | |
| | 26 | 27130 | 1,8 | 56,26 | 205,8 | 100,0 | - | - | | | |
| | 28 | 26020 | 1,7 | 53,95 | 204,3 | 100,0 | - | - | | | |
| | 31 | 23050 | 2,2 | 47,79 | 200,4 | 100,0 | - | - | | | |
| | 36 | 19930 | 2,5 | 41,32 | 194,7 | 100,0 | - | - | | | |
| | 41 | 17480 | 2,9 | 36,24 | 190,0 | 100,0 | - | - | | | |
| | 45 | 15880 | 3,1 | 32,93 | 186,3 | 100,0 | - | - | | | |

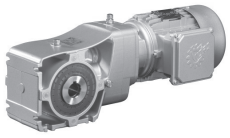
# 75,0 kW
# 90,0 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **75,0** | 19 | 38580 | 0,8 | 80,00 | 19,0 | 70,0 | 83,0 | 70,0 | **SK 9092.1 - 280 SP/4** | 1970 | E110-111 |
| | 22 | 33290 | 1,0 | 68,87 | 39,0 | 70,0 | 101,3 | 70,0 | | | |
| | 25 | 28310 | 1,1 | 58,66 | 53,5 | 70,0 | 115,3 | 70,0 | | | |
| | 30 | 23990 | 1,3 | 49,75 | 65,6 | 70,0 | 128,4 | 70,0 | | | |
| | 31 | 23120 | 1,4 | 47,93 | 68,9 | 70,0 | 132,4 | 70,0 | | | |
| | 32 | 22190 | 1,4 | 46,02 | 71,2 | 70,0 | 135,0 | 70,0 | | | |
| | 34 | 21060 | 1,3 | 43,68 | 73,1 | 70,0 | 136,7 | 70,0 | | | |
| | 36 | 19660 | 1,6 | 40,65 | 76,4 | 70,0 | 140,6 | 70,0 | | | |
| | 38 | 18880 | 1,7 | 39,10 | 78,3 | 70,0 | 142,7 | 70,0 | | | |
| | 44 | 16460 | 1,9 | 34,15 | 83,7 | 70,0 | 149,1 | 70,0 | | | |
| | 51 | 14150 | 2,3 | 29,28 | 89,2 | 70,0 | 156,0 | 70,0 | | | |
| | 60 | 12040 | 2,7 | 24,94 | 92,8 | 70,0 | 160,0 | 70,0 | | | |
| | 73 | 9864 | 3,2 | 20,38 | 96,9 | 70,0 | 160,0 | 70,0 | | | |
| | 29 | 24320 | 0,8 | 50,30 | 57,3 | 65,0 | 80,7 | 61,5 | **SK 9086.1 - 280 SP/4** | 1400 | E108-109 |
| | 35 | 20370 | 1,0 | 42,13 | 74,8 | 65,0 | 92,6 | 62,2 | | | |
| | 42 | 17140 | 1,1 | 35,44 | 82,6 | 65,0 | 100,7 | 61,5 | | | |
| | 50 | 14270 | 1,4 | 29,52 | 83,2 | 65,0 | 108,9 | 61,7 | | | |
| | 59 | 12200 | 1,6 | 25,21 | 82,4 | 65,0 | 113,9 | 60,9 | | | |
| | 70 | 10220 | 2,0 | 21,12 | 81,0 | 65,0 | 118,5 | 59,6 | | | |
| | 83 | 8597 | 2,2 | 17,77 | 78,7 | 65,0 | 120,0 | 57,8 | | | |
| | 91 | 7894 | 2,4 | 16,38 | 78,2 | 65,0 | 120,0 | 57,4 | | | |
| | 101 | 7114 | 2,1 | 14,70 | 75,4 | 65,0 | 120,0 | 55,3 | | | |
| | 120 | 5959 | 2,3 | 12,31 | 73,3 | 65,0 | 120,0 | 53,7 | | | |
| | 128 | 5608 | 3,0 | 11,60 | 73,4 | 65,0 | 120,0 | 53,8 | | | |
| | 156 | 4603 | 2,8 | 9,55 | 69,9 | 65,0 | 120,0 | 51,1 | | | |
| | 184 | 3887 | 3,3 | 8,04 | 67,6 | 65,0 | 120,0 | 49,4 | | | |
| | 41 | 17310 | 0,8 | 35,83 | 56,1 | 60,0 | 95,0 | 47,3 | **SK 9082.1 - 280 SP/4** | 1150 | E106-107 |
| | 47 | 15110 | 0,9 | 31,27 | 57,0 | 60,0 | 95,0 | 47,8 | | | |
| | 55 | 12920 | 1,0 | 26,71 | 57,6 | 60,0 | 95,0 | 48,2 | | | |
| | 66 | 10820 | 1,2 | 22,37 | 57,6 | 60,0 | 95,0 | 47,9 | | | |
| | 74 | 9733 | 1,3 | 20,16 | 57,4 | 60,0 | 95,0 | 47,7 | | | |
| | 86 | 8359 | 1,6 | 17,35 | 56,8 | 60,0 | 95,0 | 47,2 | | | |
| | 101 | 7059 | 1,8 | 14,61 | 55,8 | 60,0 | 95,0 | 46,2 | | | |
| | 120 | 5955 | 1,4 | 12,31 | 53,0 | 60,0 | 95,0 | 44,0 | | | |
| | 184 | 3884 | 1,9 | 8,04 | 49,8 | 60,0 | 95,0 | 41,2 | | | |
| **90,0** | 15 | 59130 | 0,8 | 102,18 | 206,2 | 100,0 | - | - | **SK 9096.1 - 280 MP/4** | 2400 | E112-113 |
| | 17 | 51860 | 1,0 | 89,60 | 206,5 | 100,0 | - | - | | | |
| | 18 | 47130 | 1,1 | 81,43 | 205,5 | 100,0 | - | - | | | |
| | 21 | 40750 | 1,2 | 70,41 | 202,5 | 100,0 | - | - | | | |
| | 23 | 37660 | 1,3 | 65,07 | 201,6 | 100,0 | - | - | | | |
| | 24 | 36110 | 1,4 | 62,39 | 200,6 | 100,0 | - | - | | | |
| | 26 | 32560 | 1,5 | 56,26 | 197,6 | 100,0 | - | - | | | |
| | 28 | 31220 | 1,4 | 53,95 | 196,5 | 100,0 | - | - | | | |
| | 31 | 27660 | 1,8 | 47,79 | 193,6 | 100,0 | - | - | | | |
| | 36 | 23910 | 2,1 | 41,32 | 188,7 | 100,0 | - | - | | | |
| | 41 | 20970 | 2,4 | 36,24 | 184,8 | 100,0 | - | - | | | |
| | 45 | 19060 | 2,6 | 32,93 | 181,5 | 100,0 | - | - | | | |
| | 52 | 16480 | 3,0 | 28,47 | 176,2 | 100,0 | - | - | | | |
| | 56 | 15230 | 3,3 | 26,31 | 173,5 | 100,0 | - | - | | | |
| | 22 | 39950 | 0,8 | 68,87 | 13,0 | 70,0 | 78,0 | 70,0 | **SK 9092.1 - 280 MP/4** | 2070 | E110-111 |
| | 25 | 33980 | 0,9 | 58,66 | 35,1 | 70,0 | 96,8 | 70,0 | | | |
| | 30 | 28790 | 1,1 | 49,75 | 52,1 | 70,0 | 113,8 | 70,0 | | | |
| | 31 | 27740 | 1,2 | 47,93 | 56,4 | 70,0 | 118,9 | 70,0 | | | |
| | 32 | 26630 | 1,2 | 46,02 | 59,6 | 70,0 | 122,3 | 70,0 | | | |
| | 36 | 23590 | 1,4 | 40,65 | 66,7 | 70,0 | 129,5 | 70,0 | | | |
| | 38 | 22650 | 1,4 | 39,10 | 69,1 | 70,0 | 132,3 | 70,0 | | | |
| | 44 | 19750 | 1,6 | 34,15 | 76,2 | 70,0 | 140,4 | 70,0 | | | |
| | 51 | 16980 | 1,9 | 29,28 | 83,3 | 70,0 | 148,9 | 70,0 | | | |
| | 60 | 14440 | 2,2 | 24,94 | 88,0 | 70,0 | 154,3 | 70,0 | | | |
| | 73 | 11840 | 2,7 | 20,38 | 93,2 | 70,0 | 160,0 | 70,0 | | | |
| | 86 | 10010 | 2,0 | 17,26 | 95,8 | 70,0 | 160,0 | 70,0 | | | |
| | 105 | 8202 | 2,4 | 14,10 | 99,2 | 70,0 | 160,0 | 70,0 | | | |



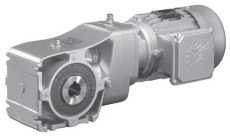
IE3

# 90,0 kW
# 110 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **90,0** | 35 | 24450 | 0,8 | 42,13 | 56,5 | 65,0 | 80,3 | 56,4 | **SK 9086.1 - 280 MP/4** | 1500 | E108-109 |
| | 42 | 20560 | 0,9 | 35,44 | 74,1 | 65,0 | 91,0 | 56,4 | | | |
| | 50 | 17120 | 1,2 | 29,52 | 77,3 | 65,0 | 101,6 | 57,6 | | | |
| | 59 | 14640 | 1,4 | 25,21 | 77,3 | 65,0 | 108,0 | 57,4 | | | |
| | 70 | 12260 | 1,6 | 21,12 | 76,7 | 65,0 | 113,8 | 56,7 | | | |
| | 83 | 10320 | 1,8 | 17,77 | 75,0 | 65,0 | 117,8 | 55,3 | | | |
| | 91 | 9473 | 2,0 | 16,38 | 74,9 | 65,0 | 120,0 | 55,2 | | | |
| | 101 | 8537 | 1,8 | 14,70 | 72,1 | 65,0 | 120,0 | 53,0 | | | |
| | 120 | 7151 | 2,0 | 12,31 | 70,5 | 65,0 | 120,0 | 51,8 | | | |
| | 128 | 6729 | 2,5 | 11,60 | 71,0 | 65,0 | 120,0 | 52,1 | | | |
| | 156 | 5524 | 2,4 | 9,55 | 67,8 | 65,0 | 120,0 | 49,7 | | | |
| | 184 | 4665 | 2,8 | 8,04 | 65,8 | 65,0 | 120,0 | 48,1 | | | |
| | 55 | 15500 | 0,8 | 26,71 | 52,1 | 60,0 | 95,0 | 44,0 | **SK 9082.1 - 280 MP/4** | 1250 | E106-107 |
| | 66 | 12990 | 1,0 | 22,37 | 53,1 | 60,0 | 95,0 | 44,4 | | | |
| | 74 | 11680 | 1,1 | 20,16 | 53,5 | 60,0 | 95,0 | 44,5 | | | |
| | 86 | 10030 | 1,3 | 17,35 | 53,3 | 60,0 | 95,0 | 44,4 | | | |
| | 101 | 8470 | 1,5 | 14,61 | 52,9 | 60,0 | 95,0 | 44,0 | | | |
| | 120 | 7146 | 1,2 | 12,31 | 50,3 | 60,0 | 95,0 | 41,8 | | | |
| | 184 | 4661 | 1,5 | 8,04 | 48,0 | 60,0 | 93,7 | 39,7 | | | |
| **110** | 17 | 63250 | 0,8 | 89,60 | 189,5 | 100,0 | - | - | **SK 9096.1 - 315 SP/4** | 2500 | E112-113 |
| | 18 | 57490 | 0,9 | 81,43 | 190,0 | 100,0 | - | - | | | |
| | 21 | 49700 | 1,0 | 70,41 | 189,0 | 100,0 | - | - | | | |
| | 23 | 45930 | 1,1 | 65,07 | 189,2 | 100,0 | - | - | | | |
| | 24 | 44050 | 1,1 | 62,39 | 188,8 | 100,0 | - | - | | | |
| | 26 | 39710 | 1,3 | 56,26 | 186,8 | 100,0 | - | - | | | |
| | 28 | 38080 | 1,2 | 53,95 | 186,2 | 100,0 | - | - | | | |
| | 31 | 33740 | 1,5 | 47,79 | 184,5 | 100,0 | - | - | | | |
| | 36 | 29170 | 1,7 | 41,32 | 180,8 | 100,0 | - | - | | | |
| | 41 | 25580 | 2,0 | 36,24 | 177,9 | 100,0 | - | - | | | |
| | 45 | 23250 | 2,2 | 32,93 | 175,2 | 100,0 | - | - | | | |
| | 52 | 20100 | 2,5 | 28,47 | 170,6 | 100,0 | - | - | | | |
| | 57 | 18580 | 2,7 | 26,31 | 168,5 | 100,0 | - | - | | | |
| | 65 | 16060 | 3,1 | 22,75 | 163,6 | 100,0 | - | - | | | |
| | 77 | 13700 | 3,6 | 19,41 | 158,7 | 100,0 | - | - | | | |
| | 89 | 11850 | 4,2 | 16,78 | 153,6 | 100,0 | - | - | | | |
| | 25 | 41440 | 0,8 | 58,66 | 4,1 | 70,0 | 69,6 | 70,0 | **SK 9092.1 - 315 SP/4** | 2160 | E110-111 |
| | 30 | 35120 | 0,9 | 49,75 | 31,0 | 70,0 | 92,9 | 70,0 | | | |
| | 31 | 33840 | 0,9 | 47,93 | 37,1 | 70,0 | 99,5 | 70,0 | | | |
| | 32 | 32490 | 1,0 | 46,02 | 41,7 | 70,0 | 104,0 | 70,0 | | | |
| | 37 | 28780 | 1,1 | 40,65 | 52,1 | 70,0 | 113,9 | 70,0 | | | |
| | 38 | 27630 | 1,2 | 39,10 | 55,5 | 70,0 | 117,5 | 70,0 | | | |
| | 44 | 24090 | 1,3 | 34,15 | 65,4 | 70,0 | 128,1 | 70,0 | | | |
| | 51 | 20720 | 1,5 | 29,28 | 74,8 | 70,0 | 139,1 | 70,0 | | | |
| | 60 | 17620 | 1,8 | 24,94 | 81,1 | 70,0 | 146,1 | 70,0 | | | |
| | 73 | 14440 | 2,2 | 20,38 | 88,0 | 70,0 | 154,3 | 70,0 | | | |
| | 86 | 12210 | 1,7 | 17,26 | 91,4 | 70,0 | 158,3 | 70,0 | | | |
| | 105 | 10000 | 1,9 | 14,10 | 95,8 | 70,0 | 160,0 | 70,0 | | | |
| | 129 | 8160 | 2,3 | 11,55 | 99,2 | 70,0 | 160,0 | 70,0 | | | |
| | 139 | 7561 | 2,4 | 10,68 | 100,3 | 70,0 | 160,0 | 70,0 | | | |
| | 50 | 20880 | 1,0 | 29,52 | 69,3 | 65,0 | 91,1 | 52,2 | **SK 9086.1 - 315 SP/4** | 1590 | E108-109 |
| | 59 | 17860 | 1,1 | 25,21 | 70,4 | 65,0 | 99,6 | 52,7 | | | |
| | 70 | 14960 | 1,3 | 21,12 | 70,9 | 65,0 | 107,2 | 52,8 | | | |
| | 83 | 12580 | 1,5 | 17,77 | 70,0 | 65,0 | 112,4 | 51,9 | | | |
| | 91 | 11560 | 1,6 | 16,38 | 70,5 | 65,0 | 115,5 | 52,2 | | | |
| | 101 | 10410 | 1,4 | 14,70 | 67,6 | 65,0 | 116,2 | 50,0 | | | |
| | 120 | 8723 | 1,6 | 12,31 | 66,8 | 65,0 | 120,0 | 49,3 | | | |
| | 128 | 8208 | 2,1 | 11,60 | 67,8 | 65,0 | 120,0 | 49,9 | | | |
| | 156 | 6738 | 1,9 | 9,55 | 64,9 | 65,0 | 120,0 | 47,7 | | | |
| | 185 | 5690 | 2,3 | 8,04 | 63,4 | 65,0 | 117,1 | 46,5 | | | |
| | 66 | 15840 | 0,8 | 22,37 | 46,9 | 56,2 | 95,0 | 39,7 | **SK 9082.1 - 315 SP/4** | 1340 | E106-107 |
| | 74 | 14250 | 0,9 | 20,16 | 47,9 | 57,5 | 95,0 | 40,2 | | | |
| | 86 | 12230 | 1,1 | 17,35 | 48,6 | 59,2 | 95,0 | 40,7 | | | |
| | 102 | 10330 | 1,3 | 14,61 | 48,9 | 59,9 | 95,0 | 40,9 | | | |
| | 121 | 8716 | 1,0 | 12,31 | 46,7 | 57,1 | 92,4 | 38,9 | | | |
| | 185 | 5685 | 1,3 | 8,04 | 45,6 | 56,8 | 89,3 | 37,8 | | | |

# 132 kW
# 160 kW
# 200 kW

IE3

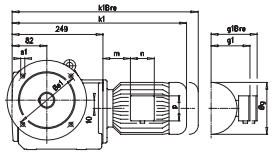


NORD DRIVESYSTEMS

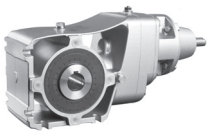
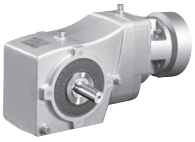
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 21 | 59560 | 0,8 | 70,41 | 174,1 | 100,0 | - | - | **SK 9096.1 - 315 MP/4** | 2700 | E112-113 |
| | 23 | 55040 | 0,9 | 65,07 | 175,6 | 100,0 | - | - | | | |
| | 26 | 47590 | 1,1 | 56,26 | 174,9 | 100,0 | - | - | | | |
| | 31 | 40430 | 1,2 | 47,79 | 174,5 | 100,0 | - | - | | | |
| | 36 | 34960 | 1,4 | 41,32 | 172,0 | 100,0 | - | - | | | |
| | 41 | 30650 | 1,6 | 36,24 | 170,3 | 100,0 | - | - | | | |
| | 45 | 27860 | 1,8 | 32,93 | 168,4 | 100,0 | - | - | | | |
| | 52 | 24090 | 2,1 | 28,47 | 164,6 | 100,0 | - | - | | | |
| | 57 | 22260 | 2,2 | 26,31 | 163,0 | 100,0 | - | - | | | |
| | 65 | 19250 | 2,6 | 22,75 | 158,8 | 100,0 | - | - | | | |
| | 77 | 16420 | 3,0 | 19,41 | 154,6 | 100,0 | - | - | | | |
| | 89 | 14200 | 3,5 | 16,78 | 150,1 | 100,0 | - | - | | | |
| | 30 | 42090 | 0,8 | 49,75 | 0,8 | 70,0 | 67,1 | 70,0 | **SK 9092.1 - 315 MP/4** | 2360 | E110-111 |
| | 31 | 40550 | 0,8 | 47,93 | 10,2 | 70,0 | 75,7 | 70,0 | | | |
| | 37 | 34490 | 0,9 | 40,65 | 33,3 | 70,0 | 95,1 | 70,0 | | | |
| | 44 | 28870 | 1,1 | 34,15 | 51,8 | 70,0 | 113,6 | 70,0 | | | |
| | 51 | 24830 | 1,3 | 29,28 | 64,5 | 70,0 | 127,6 | 70,0 | | | |
| | 60 | 21110 | 1,5 | 24,94 | 72,9 | 70,0 | 136,6 | 70,0 | | | |
| | 73 | 17300 | 1,8 | 20,38 | 81,8 | 70,0 | 146,9 | 70,0 | | | |
| | 86 | 14630 | 1,4 | 17,26 | 86,4 | 70,0 | 152,1 | 70,0 | | | |
| | 105 | 11990 | 1,6 | 14,10 | 91,9 | 70,0 | 158,9 | 70,0 | | | |
| | 129 | 9779 | 1,9 | 11,55 | 96,2 | 70,0 | 160,0 | 69,6 | | | |
| | 139 | 9061 | 2,0 | 10,68 | 97,6 | 70,0 | 160,0 | 68,7 | | | |
| | 50 | 25030 | 0,8 | 29,52 | 53,1 | 65,0 | 78,5 | 46,2 | **SK 9086.1 - 315 MP/4** | 1790 | E108-109 |
| | 59 | 21400 | 0,9 | 25,21 | 63,0 | 65,0 | 89,6 | 47,6 | | | |
| | 70 | 17930 | 1,1 | 21,12 | 64,7 | 65,0 | 99,4 | 48,6 | | | |
| | 84 | 15080 | 1,3 | 17,77 | 64,6 | 65,0 | 106,1 | 48,2 | | | |
| | 91 | 13850 | 1,4 | 16,38 | 65,6 | 65,0 | 109,9 | 48,9 | | | |
| | 101 | 12480 | 1,2 | 14,70 | 62,8 | 65,0 | 111,0 | 46,7 | | | |
| | 121 | 10450 | 1,3 | 12,31 | 62,8 | 65,0 | 116,1 | 46,5 | | | |
| | 128 | 9836 | 1,7 | 11,60 | 64,2 | 65,0 | 118,9 | 47,5 | | | |
| | 156 | 8074 | 1,6 | 9,55 | 61,8 | 65,0 | 114,7 | 45,6 | | | |
| | 185 | 6818 | 1,9 | 8,04 | 60,7 | 65,0 | 112,5 | 44,7 | | | |
| **160** | 26 | 57690 | 0,9 | 56,26 | 159,8 | 100,0 | - | - | **SK 9096.1 - 315 RP/4** | 2720 | E112-113 |
| | 31 | 49010 | 1,0 | 47,79 | 161,8 | 100,0 | - | - | | | |
| | 36 | 42370 | 1,2 | 41,32 | 160,9 | 100,0 | - | - | | | |
| | 41 | 37160 | 1,3 | 36,24 | 160,7 | 100,0 | - | - | | | |
| | 45 | 33770 | 1,5 | 32,93 | 159,6 | 100,0 | - | - | | | |
| | 52 | 29200 | 1,7 | 28,47 | 157,0 | 100,0 | - | - | | | |
| | 57 | 26980 | 1,9 | 26,31 | 156,0 | 100,0 | - | - | | | |
| | 65 | 23330 | 2,1 | 22,75 | 152,7 | 100,0 | - | - | | | |
| | 77 | 19910 | 2,5 | 19,41 | 149,4 | 100,0 | - | - | | | |
| | 89 | 17210 | 2,9 | 16,78 | 145,5 | 100,0 | - | - | | | |
| | 37 | 41800 | 0,8 | 40,65 | 2,3 | 70,0 | 68,2 | 69,9 | **SK 9092.1 - 315 RP/4** | 2390 | E110-111 |
| | 44 | 34990 | 0,9 | 34,15 | 31,4 | 70,0 | 93,3 | 70,0 | | | |
| | 51 | 30090 | 1,1 | 29,28 | 49,4 | 70,0 | 111,7 | 70,0 | | | |
| | 60 | 25590 | 1,3 | 24,94 | 61,3 | 70,0 | 123,7 | 70,0 | | | |
| | 73 | 20970 | 1,5 | 20,38 | 73,3 | 70,0 | 137,0 | 70,0 | | | |
| | 86 | 17730 | 1,2 | 17,26 | 79,4 | 70,0 | 143,6 | 70,0 | | | |
| | 105 | 14530 | 1,3 | 14,10 | 86,6 | 70,0 | 152,3 | 68,8 | | | |
| | 129 | 11850 | 1,6 | 11,55 | 92,1 | 70,0 | 159,2 | 67,0 | | | |
| | 139 | 10980 | 1,6 | 10,68 | 93,9 | 70,0 | 160,0 | 66,2 | | | |
| | 59 | 25940 | 0,8 | 25,21 | 47,0 | 62,6 | 75,5 | 41,1 | **SK 9086.1 - 315 RP/4** | 1820 | E108-109 |
| | 70 | 21730 | 0,9 | 21,12 | 56,7 | 65,0 | 88,6 | 43,1 | | | |
| | 84 | 18280 | 1,0 | 17,77 | 57,7 | 65,0 | 97,6 | 43,5 | | | |
| | 91 | 16780 | 1,1 | 16,38 | 59,4 | 65,0 | 102,4 | 44,7 | | | |
| | 101 | 15130 | 1,0 | 14,70 | 56,7 | 65,0 | 104,0 | 42,5 | | | |
| | 121 | 12670 | 1,1 | 12,31 | 57,6 | 65,0 | 108,1 | 43,0 | | | |
| | 128 | 11920 | 1,4 | 11,60 | 59,7 | 65,0 | 111,7 | 44,4 | | | |
| | 156 | 9787 | 1,3 | 9,55 | 57,8 | 65,0 | 107,8 | 42,8 | | | |
| | 185 | 8265 | 1,6 | 8,04 | 57,4 | 65,0 | 106,7 | 42,4 | | | |
| **200** | 41 | 46510 | 1,1 | 36,24 | 146,9 | 100,0 | - | - | **SK 9096.1 - 315 LP/4** | 2920 | E112-113 |
| | 45 | 42270 | 1,2 | 32,93 | 147,1 | 100,0 | - | - | | | |
| | 52 | 36550 | 1,4 | 28,47 | 146,0 | 100,0 | - | - | | | |
| | 57 | 33770 | 1,5 | 26,31 | 146,0 | 100,0 | - | - | | | |
| | 65 | 29200 | 1,7 | 22,75 | 143,9 | 100,0 | - | - | | | |
| | 77 | 24920 | 2,0 | 19,41 | 142,0 | 100,0 | - | - | | | |
| | 89 | 21540 | 2,3 | 16,78 | 139,0 | 100,0 | - | - | | | |

# Helical-Bevel Gear Units

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ |
|---|---|---|---|---|
| 0,55 | 1,0 | 4985 | 1,7 | 1453, |
| | 1,2 | 4013 | 2,1 | 1169, |
| | 1,5 | 3340 | 2,5 | 973, |
| | 1,9 | 2633 | 3,2 | 767, |
| | 1,0 | 5174 | 0,9 | 1398, |
| | 1,3 | 3931 | 1,2 | 1062, |
| | 1,5 | 3447 | 1,4 | 931, |
| | 2,0 | 2603 | 1,5 | 703, |
| | 2,4 | 2145 | 2,2 | 579, |
| | 3,1 | 1696 | 2,8 | 458, |
| | 4,1 | 1291 | 3,7 | 348, |
| | 5,4 | 981 | 4,9 | 265, |
| | 6,2 | 847 | 5,7 | 229, |
| | 1,6 | 3261 | 0,9 | 881 |



# SK 92072.1
# SK 93072.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨📖 E4 - E42 IEC 56 | 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 92072.1**<br>**SK 93072.1**<br><br>**W**<br>**+**<br>**IEC**<br>mm<br>⇨📖E116,117<br>E122,123 | **61,88** | **23** | 59 | 0,14 | 0,09 | 0,07 | | * | * | * | | | |
| | **53,78** | **26** | 52 | 0,14 | 0,09 | 0,07 | | * | * | * | | | |
| | **47,67** | **29** | 46 | 0,14 | 0,09 | 0,07 | | * | * | * | | | |
| | **40,98** | **34** | 59 | 0,21 | 0,14 | 0,11 | | | * | * | | | |
| | **35,62** | **39** | 65 | 0,27 | 0,18 | 0,13 | | | * | * | | | |
| | **31,57** | **44** | 65 | 0,30 | 0,20 | 0,15 | | | * | * | | | |
| | **27,16** | **52** | 65 | 0,35 | 0,23 | 0,18 | | | * | * | | | |
| | **24,07** | **58** | 79 | 0,48 | 0,32 | 0,24 | | | | * | | | |
| | **20,80** | **67** | 81 | 0,57 | 0,38 | 0,29 | | | | * | | | |
| | **18,52** | **76** | 60 | 0,47 | 0,32 | 0,24 | | | | * | | | |
| | **16,00** | **88** | 66 | 0,60 | 0,40 | 0,30 | | | | * | | | |
| | 12,78 | 110 | 59 | 0,68 | 0,45 | 0,34 | | | | * | | | |
| | 11,11 | 126 | 65 | 0,86 | 0,57 | 0,43 | | | | | | | |
| | 9,85 | 142 | 76 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 8,67 | 162 | 74 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 7,58 | 185 | 72 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 6,67 | 210 | 68 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 5,83 | 240 | 72 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 5,17 | 271 | 67 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 4,65 | 301 | 65 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 3,97 | 353 | 68 | *1,10* | *0,73* | *0,55* | | | | | | | |
| | 3,58 | 391 | 66 | *1,10* | *0,73* | *0,55* | | | | | | | |

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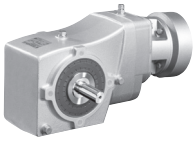
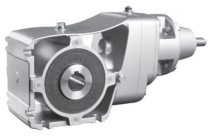
| kg | W | IEC... |
|---|---|---|
| **SK 92072.1** | 4 | 4 |
| **SK 93072.1** | 4 | 4 |

# SK 92172.1
# SK 93172.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨📖 E4 - E42 IEC 56 | 63 | 71 | 80 | 90 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 92172.1**<br>**SK 93172.1**<br><br>**W**<br>**+**<br>**IEC**<br>mm<br>⇨📖E116,117<br>E122,124 | **70,00** | **20** | 73 | 0,15 | 0,10 | 0,08 | | * | | | | | |
| | **63,78** | **22** | 67 | 0,15 | 0,10 | 0,08 | | * | | | | | |
| | **56,00** | **25** | 59 | 0,15 | 0,10 | 0,08 | | * | | | | | |
| | **46,43** | **30** | 93 | 0,29 | 0,20 | 0,15 | | | * | | | | |
| | **42,30** | **33** | 103 | 0,36 | 0,24 | 0,18 | | | * | | | | |
| | **38,75** | **36** | 93 | 0,35 | 0,23 | 0,18 | | | * | | | | |
| | **37,14** | **38** | 90 | 0,36 | 0,24 | 0,18 | | | * | | | | |
| | **35,31** | **40** | 108 | 0,45 | 0,30 | 0,22 | | | | | | | |
| | **31,00** | **45** | 108 | 0,51 | 0,34 | 0,26 | | | | | | | |
| | **28,24** | **50** | 108 | 0,56 | 0,37 | 0,28 | | | | * | | | |
| | **24,80** | **56** | 120 | 0,71 | 0,47 | 0,35 | | | | * | | | |
| | **20,67** | **68** | 104 | 0,74 | 0,49 | 0,37 | | | | * | | | |
| | 15,23 | 92 | 93 | 0,90 | 0,59 | 0,45 | | | | | | | |
| | 13,87 | 101 | 108 | 1,14 | 0,76 | 0,57 | | | | | | | |
| | 12,34 | 114 | 108 | 1,28 | 0,85 | 0,64 | | | | | | | |
| | 12,18 | 115 | 114 | 1,37 | 0,91 | 0,69 | | | | | | | |
| | 10,83 | 129 | 113 | 1,50 | 1,00 | 0,75 | | | | | | | |
| | 10,15 | 138 | 95 | 1,37 | 0,91 | 0,69 | | | | | | | |
| | 9,49 | 148 | 107 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 9,03 | 155 | 94 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 8,33 | 168 | 115 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 7,83 | 179 | 111 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 6,94 | 202 | 110 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 6,53 | 214 | 93 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 5,77 | 243 | 92 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 5,26 | 266 | 107 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 4,89 | 286 | 107 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 4,30 | 326 | 106 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 3,85 | 364 | 89 | *1,50* | *1,00* | *0,75* | | | | | | | |
| | 3,58 | 391 | 88 | *1,50* | *1,00* | *0,75* | | | | | | | |

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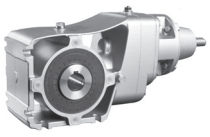
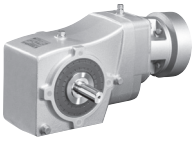
| kg | W | IEC... |
|---|---|---|
| **SK 92172.1** | 7 | 7 |
| **SK 93172.1** | 7 | 7 |

# SK 92372.1
# SK 93372.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨📖 E4 - E42 IEC 63 | 71 | 80 | 90 | 100 | 110 | 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 92372.1**<br>**SK 93372.1**<br>**W**<br>**+**<br>**IEC**<br>mm<br>⇨📖E116,119<br>E122,125 | **55,49** | **25** | 158 | 0,42 | 0,28 | 0,21 | | | * | * | | | |
| | **49,46** | **28** | 141 | 0,42 | 0,28 | 0,21 | | | * | * | | | |
| | **46,64** | **30** | 184 | 0,58 | 0,38 | 0,29 | | | * | * | | | |
| | **41,46** | **34** | 184 | 0,65 | 0,43 | 0,33 | | | * | * | | | |
| | **36,80** | **38** | 184 | 0,73 | 0,49 | 0,37 | | | * | * | | | |
| | **32,80** | **43** | 198 | 0,89 | 0,59 | 0,44 | | | | * | | | |
| | **28,11** | **50** | 184 | 0,96 | 0,64 | 0,48 | | | | * | | | |
| | **25,06** | **56** | 219 | 1,28 | 0,85 | 0,64 | | | | * | | | |
| | **22,49** | **62** | 184 | 1,20 | 0,80 | 0,60 | | | | * | | | |
| | **20,04** | **70** | 219 | 1,60 | 1,06 | 0,80 | | | | | | | |
| | **18,33** | **76** | 183 | 1,46 | 0,97 | 0,73 | | | | * | | | |
| | 15,84 | 88 | 184 | 1,70 | 1,13 | 0,85 | | | | | | | |
| | 14,12 | 99 | 218 | 2,26 | 1,50 | 1,13 | | | | | | | |
| | 12,56 | 112 | 184 | 2,15 | 1,43 | 1,07 | | | | | * | | |
| | 11,20 | 125 | 218 | 2,85 | 1,90 | 1,43 | | | | | * | | |
| | 10,33 | 136 | 220 | 3,00 | 1,99 | 1,50 | | | | | | | |
| | 10,22 | 137 | 184 | 2,64 | 1,75 | 1,32 | | | | | | | |
| | 9,11 | 154 | 218 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 8,19 | 171 | 208 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 7,01 | 200 | 201 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 6,67 | 210 | 205 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 5,83 | 240 | 189 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 5,13 | 273 | 185 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 4,31 | 325 | 186 | *3,00* | *1,99* | *1,50* | | | | | | | |
| | 3,72 | 376 | 181 | *3,00* | *1,99* | *1,50* | | | | | | | |

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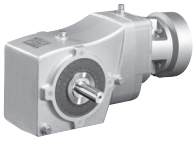
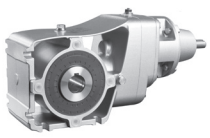
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 92372.1** | 11 | 10 | 10 | 10 | 10 | 11 | 11 |
| **SK 93372.1** | 11 | 10 | 10 | 10 | 10 | 11 | 11 |

# SK 92672.1
# SK 93672.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨📖 E4 - E42 IEC 63 | 71 | 80 | 90 | 100 | 112 | 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 92672.1** **SK 93672.1** **W + IEC** mm ⇨📖E116,120 E122,126 | **48,56** | **29** | 318 | 0,96 | 0,64 | 0,48 | | | | * | | | |
| | **43,28** | **32** | 306 | 1,04 | 0,69 | 0,52 | | | | * | | | |
| | **37,82** | **37** | 318 | 1,23 | 0,82 | 0,62 | | | | * | | | |
| | **33,71** | **42** | 363 | 1,58 | 1,05 | 0,79 | | | | | | | |
| | **30,67** | **46** | 318 | 1,52 | 1,01 | 0,76 | | | | | | | |
| | **27,33** | **51** | 364 | 1,95 | 1,30 | 0,98 | | | | | | | |
| | **24,88** | **56** | 363 | 2,14 | 1,42 | 1,07 | | | | | * | * | |
| | **20,00** | **70** | 311 | 2,28 | 1,51 | 1,14 | | | | | | | |
| | **18,21** | **77** | 349 | 2,81 | 1,87 | 1,40 | | | | | * | * | |
| | 17,46 | 80 | 317 | 2,66 | 1,77 | 1,33 | | | | | * | * | |
| | 15,56 | 90 | 363 | 3,42 | 2,27 | 1,71 | | | | | | * | |
| | 14,40 | 97 | 317 | 3,23 | 2,14 | 1,61 | | | | | | * | |
| | 12,84 | 109 | 363 | 4,14 | 2,75 | 2,07 | | | | | | | |
| | 11,39 | 123 | 361 | 4,65 | 3,09 | 2,32 | | | | | | | |
| | 10,16 | 138 | 363 | 5,24 | 3,48 | 2,62 | | | | | | | |
| | 9,39 | 149 | 355 | 5,54 | 3,68 | 2,77 | | | | | | | |
| | 8,33 | 168 | 350 | 6,16 | 4,09 | 3,08 | | | | | | | |
| | 7,44 | 188 | 349 | 6,88 | 4,57 | 3,44 | | | | | | | |
| | 6,68 | 210 | 317 | 6,96 | 4,62 | 3,48 | | | | | | | * |
| | 5,64 | 248 | 310 | 8,06 | 5,35 | 4,03 | | | | | | | * |
| | 4,36 | 321 | 315 | 9,20 | 6,11 | 4,60 | | | | | | | |

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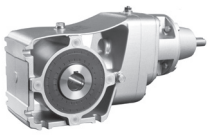
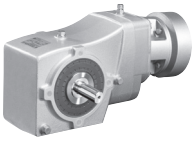
| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 92672.1** | 24 | 23 | 23 | 23 | 23 | 24 | 24 | 26 |
| **SK 93672.1** | 24 | 23 | 23 | 23 | 23 | 24 | 24 | 26 |

# SK 92772.1
# SK 93772.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | 80 | 90 | 100 | 112 | 132 |
| **SK 92772.1**<br>**SK 93772.1**<br><br>**W**<br>**+**<br>**IEC**<br>mm<br>⇨ E116,121<br>E122,127 | **66,96** | **21** | 489 | 1,07 | 0,71 | 0,54 | | | | * | | | |
| | **59,68** | **23** | 436 | 1,07 | 0,71 | 0,54 | | | | * | | | |
| | **52,64** | **27** | 578 | 1,61 | 1,07 | 0,80 | | | | | | | |
| | **46,92** | **30** | 515 | 1,61 | 1,07 | 0,80 | | | | | | | |
| | **43,44** | **32** | 630 | 2,13 | 1,41 | 1,06 | | | | | | | |
| | **39,32** | **36** | 630 | 2,35 | 1,56 | 1,17 | | | | | * | * | |
| | **35,04** | **40** | 660 | 2,76 | 1,83 | 1,38 | | | | | * | * | |
| | **31,85** | **44** | 630 | 2,90 | 1,93 | 1,45 | | | | | * | * | * |
| | **28,38** | **49** | 605 | 3,13 | 2,08 | 1,56 | | | | | | * | * |
| | 27,65 | 51 | 630 | 3,34 | 2,22 | 1,67 | | | | | | | |
| | 25,34 | 55 | 630 | 3,64 | 2,42 | 1,82 | | | | | | * | * |
| | 24,64 | 57 | 655 | 3,90 | 2,59 | 1,95 | | | | | | | |
| | 22,59 | 62 | 650 | 4,22 | 2,80 | 2,11 | | | | | | | * |
| | 21,14 | 66 | 630 | 4,37 | 2,90 | 2,18 | | | | | | | * |
| | 19,17 | 73 | 630 | 4,82 | 3,20 | 2,41 | | | | | | | * |
| | 18,84 | 74 | 640 | 4,98 | 3,31 | 2,49 | | | | | | | * |
| | 17,08 | 82 | 645 | 5,54 | 3,68 | 2,77 | | | | | | | * |
| | 15,42 | 91 | 631 | 6,00 | 3,99 | 3,00 | | | | | | | * |
| | 13,79 | 102 | 605 | 6,43 | 4,27 | 3,22 | | | | | | | * |
| | 12,50 | 112 | 596 | 6,99 | 4,64 | 3,50 | | | | | | | * |
| | 11,28 | 124 | 575 | 7,47 | 4,96 | 3,74 | | | | | | | * |
| | 9,81 | 143 | 579 | 8,65 | 5,75 | 4,33 | | | | | | | * |
| | 8,85 | 158 | 555 | 9,19 | 6,11 | 4,60 | | | | | | | * |
| | 7,18 | 195 | 546 | *9,20* | *6,11* | *4,60* | | | | | | | |
| | 6,39 | 219 | 493 | *9,20* | *6,11* | *4,60* | | | | | | | |
| | 5,12 | 273 | 505 | *9,20* | *6,11* | *4,60* | | | | | | | |
| | 4,17 | 336 | 496 | *9,20* | *6,11* | *4,60* | | | | | | | |

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Helical-bevel gear units

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 92772.1** | 42 | 40 | 40 | 44 | 44 | 48 | 48 | 57 |
| **SK 93772.1** | 42 | 40 | 40 | 44 | 44 | 48 | 48 | 57 |

# SK 9013.1
# SK 9012.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 63 | IEC 71 |
| **SK 9013.1** | **1690,10** | **0,83** | 400 | 0,03 | 0,02 | 0,02 | * | * |
| | **1412,68** | **0,99** | 400 | 0,04 | 0,03 | 0,02 | * | * |
| **W** | **1256,07** | **1,1** | 400 | 0,05 | 0,03 | 0,02 | * | * |
| **+** | **847,07** | **1,7** | 400 | 0,07 | 0,05 | 0,04 | * | * |
| **IEC** | **667,89** | **2,1** | 400 | 0,09 | 0,06 | 0,04 | * | * |
| | **589,96** | **2,4** | 400 | 0,10 | 0,07 | 0,05 | * | * |
| mm | **439,46** | **3,2** | 400 | 0,13 | 0,09 | 0,07 | * | * |
| | **320,60** | **4,4** | 400 | 0,18 | 0,12 | 0,09 | | * |
| ⇨ E128 | **281,92** | **5,0** | 400 | 0,21 | 0,14 | 0,10 | | * |
| | **212,83** | **6,6** | 400 | 0,28 | 0,18 | 0,14 | | * |
| | **177,88** | **7,9** | 400 | 0,33 | 0,22 | 0,17 | | * |
| | **141,29** | **9,9** | 400 | 0,37 | 0,24 | 0,19 | | |

| | | | | | | | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1** | **332,37** | **4,2** | 400 | 0,18 | 0,12 | 0,09 | | * | | | | |
| | **280,71** | **5,0** | 400 | 0,21 | 0,14 | 0,10 | | * | | | | |
| **W** | **246,37** | **5,7** | 400 | 0,24 | 0,16 | 0,12 | | * | | | | |
| **+** | **205,93** | **6,8** | 400 | 0,28 | 0,19 | 0,14 | | * | | | | |
| **IEC** | **183,10** | **7,6** | 400 | 0,32 | 0,21 | 0,16 | | * | * | | | |
| | **166,59** | **8,4** | 400 | 0,35 | 0,23 | 0,18 | | * | | | | |
| mm | **140,70** | 10 | 400 | 0,42 | 0,28 | 0,21 | | | | | | |
| | **123,48** | 11 | 400 | 0,46 | 0,30 | 0,23 | | | | | | |
| ⇨ E128 | **109,79** | 13 | 400 | 0,54 | 0,36 | 0,27 | | | * | | | |
| | 97,36 | 14 | 400 | 0,59 | 0,39 | 0,29 | | | * | * | | |
| | 86,00 | 16 | 400 | 0,67 | 0,44 | 0,34 | | | * | * | | |
| | 76,53 | 18 | 400 | 0,75 | 0,50 | 0,38 | | | | * | * | * |
| | 62,74 | 22 | 400 | 0,92 | 0,61 | 0,46 | | | | * | * | * |
| | 55,17 | 25 | 400 | 1,05 | 0,69 | 0,52 | | | | * | * | * |
| | 48,95 | 29 | 400 | 1,21 | 0,80 | 0,61 | | | | * | * | * |
| | 41,65 | 34 | 400 | 1,42 | 0,94 | 0,71 | | | | * | * | * |
| | 34,81 | 40 | 400 | 1,68 | 1,11 | 0,84 | | | | | * | * |
| | 31,45 | 45 | 400 | 1,88 | 1,24 | 0,94 | | | | | * | * |
| | 27,65 | 51 | 400 | 2,14 | 1,41 | 1,07 | | | | | * | * |
| | 24,53 | 57 | 400 | 2,39 | 1,58 | 1,19 | | | | | * | * |
| | 20,87 | 67 | 400 | 2,81 | 1,85 | 1,40 | | | | | * | * |
| | 17,45 | 80 | 380 | 3,18 | 2,10 | 1,59 | | | | | * | * |
| | 15,30 | 92 | 380 | 3,66 | 2,42 | 1,83 | | | | | * | * |
| | 12,23 | 114 | 220 | 2,63 | 1,73 | 1,31 | | | | | * | * |
| | 10,85 | 129 | 200 | 2,70 | 1,78 | 1,35 | | | | | * | * |
| | 9,23 | 152 | 195 | 3,10 | 2,05 | 1,55 | | | | | | * |
| | 8,09 | 173 | 180 | 3,26 | 2,15 | 1,63 | | | | | | * |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 9013.1** | 39 | 40 | 41 | - | - | - | - |
| **SK 9012.1** | 34 | 35 | 36 | 39 | 39 | 46 | 46 |

# SK 9017.1
# SK 9016.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 63 / 71 |
| **SK 9017.1** | **1412,69** | **0,99** | 610 | 0,06 | 0,04 | 0,03 | * * |
| | **1256,07** | **1,1** | 610 | 0,07 | 0,05 | 0,04 | * * |
| **W** | **629,56** | **2,2** | 610 | 0,14 | 0,09 | 0,07 | * * |
| **+** | **558,25** | **2,5** | 610 | 0,16 | 0,11 | 0,08 | * * |
| **IEC** | **493,12** | **2,8** | 610 | 0,18 | 0,12 | 0,09 | * |
| | **367,33** | **3,8** | 610 | 0,24 | 0,16 | 0,12 | * |
| mm | **267,99** | **5,2** | 610 | 0,33 | 0,22 | 0,17 | * |
| | **235,64** | **5,9** | 610 | *0,37* | *0,24* | *0,19* | |
| ⇨ E128 | **177,89** | **7,9** | 570 | *0,37* | *0,24* | *0,19* | |
| | **134,32** | **10** | 430 | *0,37* | *0,24* | *0,19* | |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9016.1** | **277,84** | **5,0** | 590 | 0,31 | 0,20 | 0,15 | | | | | | |
| | **234,64** | **6,0** | 590 | 0,37 | 0,24 | 0,19 | | | | | | |
| **W** | **205,93** | **6,8** | 610 | 0,43 | 0,29 | 0,22 | | | | | | |
| **+** | **183,10** | **7,6** | 610 | 0,49 | 0,32 | 0,24 | | | * | | | |
| **IEC** | **149,81** | **9,3** | 610 | 0,59 | 0,39 | 0,30 | | | * | | | |
| | **142,41** | **9,8** | 610 | 0,63 | 0,41 | 0,31 | | | * | | | |
| mm | **116,52** | **12** | 610 | 0,77 | 0,51 | 0,38 | | | | | | |
| | **91,77** | **15** | 500 | 0,79 | 0,52 | 0,39 | | | | * | | |
| ⇨ E128 | 81,38 | **17** | 600 | 1,07 | 0,70 | 0,53 | | | | * | | |
| | 71,88 | **19** | 600 | 1,19 | 0,79 | 0,60 | | | | * | | |
| | 63,97 | **22** | 610 | 1,41 | 0,93 | 0,70 | | | | | * | * |
| | 52,44 | **27** | 610 | 1,72 | 1,14 | 0,86 | | | | | * | * |
| | 46,11 | **30** | 610 | 1,92 | 1,26 | 0,96 | | | | | * | * |
| | 40,92 | **34** | 600 | 2,14 | 1,41 | 1,07 | | | | | * | * |
| | 34,81 | **40** | 600 | 2,51 | 1,66 | 1,26 | | | | | * | * |
| | 30,52 | **46** | 600 | 2,89 | 1,91 | 1,45 | | | | | * | * |
| | 26,29 | **53** | 600 | 3,33 | 2,20 | 1,66 | | | | | | * |
| | 23,11 | **61** | 520 | 3,32 | 2,19 | 1,66 | | | | | | * |
| | 20,51 | **68** | 580 | *4,00* | *2,64* | *2,00* | | | | | | |
| | 17,45 | **80** | 540 | *4,00* | *2,64* | *2,00* | | | | | | |
| | 15,10 | **93** | 520 | *4,00* | *2,64* | *2,00* | | | | | | |
| | 12,51 | **112** | 520 | *4,00* | *2,64* | *2,00* | | | | | | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 9017.1** | 40 | 41 | 42 | - | - | - | - |
| **SK 9016.1** | 35 | 36 | 37 | 40 | 40 | 47 | 47 |

# SK 9023.1
# SK 9022.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 IEC 63 | 71 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 63 | 71 | | | | | |
| **SK 9023.1** | **1899,26** | **0,74** | 860 | 0,07 | 0,04 | 0,03 | * | * | | | | | |
| | **1504,07** | **0,93** | 860 | 0,08 | 0,06 | 0,04 | * | * | | | | | |
| **W** | **1120,38** | **1,2** | 860 | 0,11 | 0,07 | 0,05 | * | * | | | | | |
| **+** | **951,94** | **1,5** | 860 | 0,14 | 0,09 | 0,07 | * | * | | | | | |
| **IEC** | **753,86** | **1,9** | 860 | 0,17 | 0,11 | 0,09 | * | * | | | | | |
| | **678,31** | **2,1** | 860 | 0,19 | 0,12 | 0,09 | | * | | | | | |
| mm | **561,55** | **2,5** | 860 | 0,23 | 0,15 | 0,11 | | * | | | | | |
| | **472,43** | **3,0** | 860 | 0,27 | 0,18 | 0,14 | | * | | | | | |
| ⇨ E128 | **339,41** | **4,1** | 860 | *0,37* | *0,24* | 0,18 | | | | | | | |
| | **297,67** | **4,7** | 860 | *0,37* | *0,24* | *0,19* | | | | | | | |
| | **228,47** | **6,1** | 650 | *0,37* | *0,24* | *0,19* | | | | | | | |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9022.1** | **276,86** | **5,1** | 800 | 0,43 | 0,28 | 0,21 | | | | | | | |
| | **232,92** | **6,0** | 700 | 0,44 | 0,29 | 0,22 | | | | | | | |
| **W** | **219,25** | **6,4** | 860 | 0,58 | 0,38 | 0,29 | | | * | | | | |
| **+** | **184,46** | **7,6** | 860 | 0,68 | 0,45 | 0,34 | | | * | | | | |
| **IEC** | **169,81** | **8,2** | 860 | 0,74 | 0,49 | 0,37 | | | * | | | | |
| | **137,57** | **10** | 860 | 0,90 | 0,59 | 0,45 | | | | | | | |
| mm | **115,74** | **12** | 860 | 1,08 | 0,71 | 0,54 | | | | | | | |
| ⇨ E128 | 98,88 | 14 | 860 | 1,26 | 0,83 | 0,63 | | | | * | | | |
| | **85,11** | **16** | 860 | 1,44 | 0,95 | 0,72 | | | | * | | | |
| | 78,89 | 18 | 860 | 1,62 | 1,07 | 0,81 | | | | | * | * | |
| | 66,42 | 21 | 860 | 1,89 | 1,25 | 0,95 | | | | | * | * | |
| | 58,25 | 24 | 860 | 2,16 | 1,43 | 1,08 | | | | | * | * | |
| | 52,02 | 27 | 860 | 2,43 | 1,60 | 1,22 | | | | | * | * | |
| | 49,01 | 29 | 860 | 2,61 | 1,72 | 1,31 | | | | | * | * | |
| | 44,71 | 31 | 860 | 2,79 | 1,84 | 1,40 | | | | | * | * | |
| | 39,77 | 35 | 860 | 3,15 | 2,08 | 1,58 | | | | | | * | |
| | 33,26 | 42 | 860 | 3,78 | 2,50 | 1,89 | | | | | | * | |
| | 31,38 | 45 | 820 | 3,86 | 2,55 | 1,93 | | | | | | * | |
| | 29,20 | 48 | 860 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 26,07 | 54 | 860 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 24,56 | 57 | 860 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 22,41 | 62 | 780 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 19,93 | 70 | 760 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 17,52 | 80 | 720 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 16,30 | 86 | 620 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 14,56 | 96 | 580 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 12,51 | 112 | 540 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 11,13 | 126 | 520 | *4,00* | *2,64* | *2,00* | | | | | | | |
| | 8,78 | 159 | 480 | *4,00* | *2,64* | *2,00* | | | | | | | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 9023.1** | 47 | 48 | 49 | - | - | - | - |
| **SK 9022.1** | 42 | 43 | 44 | 47 | 47 | 54 | 54 |

# SK 9033.1
# SK 9032.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 IEC 63 | 71 | 80 | 90 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 9033.1** | **3635,95** | **0,39** | 1550 | 0,06 | 0,04 | 0,03 | * | * | | | | | |
| | **2428,14** | **0,58** | 1550 | 0,09 | 0,06 | 0,05 | * | * | | | | | |
| **W** | **1822,00** | **0,77** | 1550 | 0,12 | 0,08 | 0,06 | * | * | | | | | |
| **+** | **1361,37** | **1,0** | 1550 | 0,16 | 0,11 | 0,08 | * | * | | | | | |
| **IEC** | **1149,80** | **1,2** | 1550 | 0,19 | 0,13 | 0,10 | | * | | | | | |
| | **873,65** | **1,6** | 1550 | 0,26 | 0,17 | 0,13 | | * | | | | | |
| mm | **691,55** | **2,0** | 1550 | 0,32 | 0,21 | 0,16 | | * | | | | | |
| | **539,10** | **2,6** | 1550 | 0,42 | 0,28 | 0,21 | | | | | | | |
| ⇨ E128 | 398,77 | 3,5 | 1550 | 0,57 | 0,37 | 0,28 | | | * | * | | | |
| | 352,25 | 4,0 | 1550 | 0,65 | 0,43 | 0,32 | | | * | * | | | |
| | 267,65 | 5,2 | 1550 | 0,84 | 0,56 | 0,42 | | | | * | | | |
| | 214,83 | 6,5 | 1550 | 1,05 | 0,70 | 0,53 | | | | * | | | |
| | 167,45 | 8,4 | 1550 | 1,10 | 0,73 | 0,55 | | | | | | | |

| | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 | 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9032.1** | **295,85** | **4,7** | 1550 | 0,76 | 0,50 | 0,38 | | | | * | | | |
| | **249,72** | **5,6** | 1550 | 0,91 | 0,60 | 0,45 | | | | * | | | |
| **W** | **233,92** | **6,0** | 1550 | 0,97 | 0,64 | 0,49 | | | | * | | | |
| **+** | **197,45** | **7,1** | 1550 | 1,15 | 0,76 | 0,58 | | | | * | | | |
| **IEC** | **188,06** | **7,4** | 1550 | 1,20 | 0,79 | 0,60 | | | | * | * | * | |
| | **158,74** | **8,8** | 1550 | 1,43 | 0,94 | 0,71 | | | | * | * | * | |
| mm | **139,44** | **10** | 1550 | 1,62 | 1,07 | 0,81 | | | | | | | |
| | **117,70** | **12** | 1550 | 1,95 | 1,29 | 0,97 | | | | | | | |
| ⇨ E129 | 110,77 | 13 | 1550 | 2,11 | 1,39 | 1,05 | | | | | * | * | |
| | 93,50 | 15 | 1550 | 2,43 | 1,61 | 1,22 | | | | | * | * | |
| | 84,17 | 17 | 1550 | 2,76 | 1,82 | 1,38 | | | | | * | * | |
| | 75,91 | 18 | 1550 | 2,92 | 1,93 | 1,46 | | | | | * | * | |
| | 64,08 | 22 | 1550 | 3,57 | 2,36 | 1,79 | | | | | | * | |
| | 59,17 | 24 | 1550 | 3,90 | 2,57 | 1,95 | | | | | | * | * |
| | 49,94 | 28 | 1550 | 4,54 | 3,00 | 2,27 | | | | | | | * |
| | 47,70 | 29 | 1550 | 4,71 | 3,11 | 2,35 | | | | | | | * |
| | 40,36 | 35 | 1550 | 5,68 | 3,75 | 2,84 | | | | | | | * |
| | 38,05 | 37 | 1550 | 6,01 | 3,96 | 3,00 | | | | | | | |
| | 35,61 | 39 | 1550 | 6,33 | 4,18 | 3,16 | | | | | | | |
| | 29,66 | 47 | 1500 | 7,38 | 4,87 | 3,69 | | | | | | | * |
| | 25,03 | 56 | 1500 | 8,80 | 5,81 | 4,40 | | | | | | | * |
| | 23,91 | 59 | 1550 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 20,23 | 69 | 1500 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 17,08 | 82 | 1450 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 16,04 | 87 | 1400 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 13,49 | 104 | 1350 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 12,68 | 110 | 1000 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 10,73 | 130 | 900 | *9,20* | *6,07* | *4,60* | | | | | | | |
| | 8,48 | 165 | 880 | *9,20* | *6,07* | *4,60* | | | | | | | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 9033.1** | 70 | 71 | 72 | 75 | 75 | - | - | - |
| **SK 9032.1** | 68 | - | 66 | 70 | 70 | 74 | 74 | 83 |

# SK 9043.1
# SK 9042.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 IEC 71 | 80 | 90 | 100 | 112 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | | | | | | |
| **SK 9043.1** | **4246,38** | **0,33** | 2800 | 0,10 | 0,06 | 0,05 | * | * | | | | | |
| | **3362,82** | **0,42** | 2800 | 0,12 | 0,08 | 0,06 | * | * | * | | | | |
| **W** | **3026,98** | **0,46** | 2800 | 0,13 | 0,09 | 0,07 | * | * | | | | | |
| **+** | **2397,14** | **0,58** | 2800 | 0,17 | 0,11 | 0,09 | * | * | * | | | | |
| **IEC** | **2128,35** | **0,66** | 2800 | 0,19 | 0,13 | 0,10 | * | * | | | | | |
| mm | **1517,17** | **0,92** | 2800 | 0,27 | 0,18 | 0,13 | * | * | | | | | |
| ⇨ E129 | **1113,24** | **1,3** | 2800 | 0,38 | 0,25 | 0,19 | | * | | | | | |
| | **881,60** | **1,6** | 2800 | 0,47 | 0,31 | 0,23 | | * | * | | | | |
| | **645,18** | **2,2** | 2800 | 0,65 | 0,43 | 0,32 | | * | * | | | | |
| | **568,04** | **2,5** | 2800 | 0,73 | 0,48 | 0,37 | | * | * | | | | |
| | **404,82** | **3,5** | 2800 | 1,03 | 0,68 | 0,51 | | | * | * | * | | |
| | 350,72 | 4,0 | 2800 | 1,17 | 0,77 | 0,59 | | | * | * | * | | |
| | 279,60 | 5,0 | 2800 | 1,47 | 0,97 | 0,73 | | | * | * | * | | |
| | 204,38 | 6,8 | 2800 | 1,99 | 1,32 | 1,00 | | | | * | * | | |
| | 172,08 | 8,1 | 2800 | 2,20 | 1,45 | 1,10 | | | | * | * | | |

| | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 | 160 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9042.1** | **329,69** | **4,2** | 2800 | 1,23 | 0,81 | 0,62 | | | * | | | | |
| | **273,73** | **5,1** | 2800 | 1,50 | 0,99 | 0,75 | | | | | | | |
| **W** | **235,01** | **6,0** | 2800 | 1,76 | 1,16 | 0,88 | | | | * | * | | |
| **+** | **195,12** | **7,2** | 2800 | 2,11 | 1,39 | 1,06 | | | | * | * | | |
| **IEC** | **165,24** | **8,5** | 1500 | 1,34 | 0,88 | 0,67 | | | * | | | | |
| mm | **159,94** | **8,8** | 2800 | 2,58 | 1,70 | 1,29 | | | | * | * | * | |
| ⇨ E130 | **132,79** | **11** | 2800 | 3,23 | 2,13 | 1,61 | | | | | * | * | |
| | **117,79** | **12** | 2400 | 3,02 | 1,99 | 1,51 | | | | | * | | |
| | 95,56 | 15 | 2800 | 4,40 | 2,90 | 2,20 | | | | | | * | |
| | 86,43 | 16 | 2800 | 4,69 | 3,10 | 2,35 | | | | | | * | |
| | 76,18 | 18 | 2800 | 5,28 | 3,48 | 2,64 | | | | | | * | |
| | 68,61 | 20 | 2800 | 5,86 | 3,87 | 2,93 | | | | | | | * |
| | 63,25 | 22 | 2800 | 6,45 | 4,26 | 3,23 | | | | | | * | |
| | 55,69 | 25 | 2800 | 7,33 | 4,84 | 3,66 | | | | | | | * |
| | 47,67 | 29 | 2800 | 8,50 | 5,61 | 4,25 | | | | | | | * |
| | 40,54 | 35 | 2800 | 10,26 | 6,77 | 5,13 | | | | | | | * |
| | 34,39 | 41 | 2800 | 12,02 | 7,93 | 6,01 | | | | | | | * |
| | 31,70 | 44 | 2800 | 12,90 | 8,51 | 6,45 | | | | | | | |
| | 31,48 | 44 | 2200 | 10,14 | 6,69 | 5,07 | | | | | | | * |
| | 27,91 | 50 | 2800 | 14,66 | 9,68 | 7,33 | | | | | | | * |
| | 23,89 | 59 | 2700 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 20,32 | 69 | 2600 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 18,20 | 77 | 2450 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 15,66 | 89 | 2000 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 13,40 | 104 | 2000 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 11,40 | 123 | 1500 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 10,21 | 137 | 1500 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 9,39 | 149 | 1500 | *15,00* | *9,90* | *7,50* | | | | | | | |
| | 8,83 | 159 | 1400 | *15,00* | *9,90* | *7,50* | | | | | | | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|---|---|
| **SK 9043.1** | 130 | 128 | 132 | 132 | 136 | 136 | - | - |
| **SK 9042.1** | 125 | - | - | 120 | 127 | 127 | 141 | 151 |

# SK 9053.1
# SK 9052.1

NORD DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 71 | 80 | 90 | 100 | 112 | | | |
| **SK 9053.1** | **3735,92** | **0,37** | 4800 | 0,19 | 0,12 | 0,09 | * | * | * | | | | | |
| | **2953,98** | **0,47** | 4800 | 0,24 | 0,16 | 0,12 | | * | * | | | | | |
| **W** | **2023,49** | **0,69** | 4800 | 0,35 | 0,23 | 0,17 | | * | * | | | | | |
| **+** | **1872,50** | **0,75** | 4800 | 0,38 | 0,25 | 0,19 | | * | * | | | | | |
| **IEC** | 1398,80 | 1,00 | 4800 | 0,50 | 0,33 | 0,25 | | * | * | * | * | | | |
| | 1062,85 | 1,3 | 4800 | 0,65 | 0,43 | 0,33 | | * | * | * | * | | | |
| mm | **931,87** | **1,5** | 4800 | 0,75 | 0,50 | 0,38 | | | * | | | | | |
| | **703,83** | **2,0** | 4000 | 0,84 | 0,55 | 0,42 | | | * | | | | | |
| ⇨ E129 | **579,95** | **2,4** | 4800 | 1,21 | 0,80 | 0,60 | | | * | | | | | |
| | **458,57** | **3,1** | 4800 | 1,56 | 1,03 | 0,78 | | | | | | | | |
| | 348,91 | 4,0 | 4800 | 2,01 | 1,33 | 1,01 | | | | * | * | | | |
| | 265,11 | 5,3 | 4800 | 2,66 | 1,76 | 1,33 | | | | * | * | | | |
| | 229,07 | 6,1 | 4800 | 3,07 | 2,02 | 1,53 | | | | | * | | | |
| | 164,99 | 8,5 | 4800 | 4,00 | 2,64 | 2,00 | | | | | | | | |

| | | | | | | | IEC | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 71 | 80 | 90 | 100 | 112 | 132 | 160 | 180 |
| **SK 9052.1** | **289,61** | **4,8** | 4800 | 2,41 | 1,59 | 1,21 | | | | * | * | | | |
| | **247,06** | **5,7** | 4800 | 2,86 | 1,89 | 1,43 | | | | * | * | | | |
| **W** | **198,38** | **7,1** | 4800 | 3,57 | 2,36 | 1,78 | | | | | * | * | | |
| **+** | **169,24** | **8,3** | 4800 | 4,17 | 2,75 | 2,09 | | | | | | * | | |
| **IEC** | **145,16** | **9,6** | 3600 | 3,62 | 2,39 | 1,81 | | | | | * | | | |
| | 120,03 | 12 | 4800 | 6,03 | 3,98 | 3,02 | | | | | | | | |
| mm | 102,40 | 14 | 4800 | 7,04 | 4,64 | 3,52 | | | | | | | | |
| | 88,17 | 16 | 4800 | 8,04 | 5,31 | 4,02 | | | | | | * | * | |
| ⇨ E130 | 72,24 | 19 | 4800 | 9,55 | 6,30 | 4,77 | | | | | | | * | |
| | 62,42 | 22 | 4800 | 11,06 | 7,30 | 5,53 | | | | | | | * | |
| | 54,56 | 26 | 4800 | 13,07 | 8,62 | 6,53 | | | | | | | * | * |
| | 44,96 | 31 | 4800 | 15,58 | 10,28 | 7,79 | | | | | | | | * |
| | 39,72 | 35 | 4800 | 17,59 | 11,61 | 8,80 | | | | | | | | * |
| | 36,21 | 39 | 4800 | 19,60 | 12,94 | 9,80 | | | | | | | | |
| | 31,28 | 45 | 4800 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 27,35 | 51 | 4600 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 23,33 | 60 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 22,53 | 62 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 19,91 | 70 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 17,94 | 78 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 16,33 | 86 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 13,45 | 104 | 4300 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 11,88 | 118 | 3900 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 10,71 | 131 | 2900 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 9,93 | 141 | 2800 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 9,40 | 149 | 2600 | *22,00* | *14,52* | *11,00* | | | | | | | | |
| | 8,10 | 173 | 2600 | *22,00* | *14,52* | *11,00* | | | | | | | | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 |
|---|---|---|---|---|---|---|---|---|---|
| **SK 9053.1** | 208 | 206 | 210 | 210 | 214 | 214 | - | - | - |
| **SK 9052.1** | 200 | - | - | 195 | 202 | 202 | 216 | 226 | 226 |

# SK 9072.1/32
# SK 9072.1/42
# SK 9072.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 71 / 80 / 90 / 100 / 112 / 132 |
| **SK 9072.1/32** | **4512,24** | **0,31** | 8500 | 0,32 | 0,21 | 0,16 | * * |
| | **4039,53** | **0,35** | 8500 | 0,35 | 0,23 | 0,18 | * * |
| **W** | **3251,68** | **0,43** | 8500 | 0,42 | 0,28 | 0,21 | * * |
| **+** | **2320,58** | **0,60** | 8500 | 0,57 | 0,38 | 0,29 | * * |
| **IEC** | **1912,84** | **0,73** | 8500 | 0,69 | 0,46 | 0,34 | * * * * |
| mm | **1453,44** | **0,96** | 8500 | 0,85 | 0,56 | 0,43 | * * * * |
| ⇨ E129 | **1169,97** | **1,2** | 8500 | 1,07 | 0,70 | 0,53 | * * * * |
| | **973,69** | **1,4** | 8500 | 1,25 | 0,82 | 0,62 | * * * * |
| | **767,55** | **1,8** | 8500 | 1,60 | 1,06 | 0,80 | * * * |
| | **598,27** | **2,3** | 8500 | 2,05 | 1,35 | 1,02 | * * * |
| | **473,22** | **3,0** | 8500 | 2,67 | 1,76 | 1,34 | * * * |
| | 385,88 | 3,6 | 8500 | 3,20 | 2,11 | 1,60 | * * * |
| | 311,10 | 4,5 | 8500 | 4,00 | 2,64 | 2,00 | * * |

| | | | | | | | IEC 71 / 80 / 90 / 100 / 112 / 132 / 160 |
|---|---|---|---|---|---|---|---|
| **SK 9072.1/42** | 269,39 | 5,2 | 8500 | 4,63 | 3,05 | 2,31 | * * |
| **W + IEC** | 196,12 | 7,1 | 7400 | 5,50 | 3,63 | 2,75 | * * |
| mm | 156,70 | 8,9 | 6400 | 5,96 | 3,94 | 2,98 | * * |
| ⇨ E130 | 134,14 | 10 | 6200 | 6,49 | 4,28 | 3,25 | * * |

| | | | | | | | IEC 71 / 80 / 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 |
|---|---|---|---|---|---|---|---|
| **SK 9072.1** | **245,76** | **5,7** | 8500 | 5,07 | 3,35 | 2,54 | * |
| | **206,84** | **6,8** | 8500 | 6,05 | 3,99 | 3,03 | * |
| **W** | **186,86** | **7,5** | 8500 | 6,68 | 4,41 | 3,34 | * * * |
| **+** | **157,27** | **8,9** | 8500 | 7,92 | 5,23 | 3,96 | * * * |
| **IEC** | **136,88** | **10** | 6700 | 7,02 | 4,63 | 3,51 | * |
| mm | 110,18 | 13 | 8500 | 11,57 | 7,64 | 5,79 | * |
| ⇨ E131 | 91,47 | 15 | 8500 | 13,35 | 8,81 | 6,68 | * * |
| | 79,69 | 18 | 8500 | 16,02 | 10,57 | 8,01 | * |
| | 70,22 | 20 | 8500 | 17,80 | 11,75 | 8,90 | * * * |
| | 58,44 | 24 | 8500 | 21,36 | 14,10 | 10,68 | * * * |
| | 50,35 | 28 | 8200 | 24,04 | 15,87 | 12,02 | * * |
| | 44,81 | 31 | 7700 | 24,99 | 16,50 | 12,50 | * * |
| | 41,11 | 34 | 7700 | 27,41 | 18,09 | 13,71 | * * |
| | 35,19 | 40 | 8500 | 35,60 | 23,50 | 17,80 | * |
| | 29,29 | 48 | 8500 | 42,72 | 28,20 | 21,36 | * |
| | 25,24 | 55 | 8500 | *45,00* | *29,70* | *22,50* | |
| | 22,46 | 62 | 8500 | *45,00* | *29,70* | *22,50* | |
| | 20,61 | 68 | 8500 | *45,00* | *29,70* | *22,50* | |
| | 18,29 | 77 | 7800 | *45,00* | *29,70* | *22,50* | |
| | 16,44 | 85 | 7500 | *45,00* | *29,70* | *22,50* | |
| | 15,40 | 91 | 7500 | *45,00* | *29,70* | *22,50* | |
| | 14,06 | 100 | 5200 | *45,00* | *29,70* | *22,50* | |
| | 12,51 | 112 | 5000 | *45,00* | *29,70* | *22,50* | |
| | 12,06 | 116 | 5000 | *45,00* | *29,70* | *22,50* | |
| | 11,48 | 122 | 5000 | *45,00* | *29,70* | *22,50* | |
| | 10,19 | 137 | 4700 | *45,00* | *29,70* | *22,50* | |
| | 9,16 | 153 | 4700 | *45,00* | *29,70* | *22,50* | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9072.1/32** | 364 | 362 | 366 | 366 | 370 | 370 | 379 | - | - | - | - |
| **SK 9072.1/42** | 391 | - | - | 386 | 407 | 407 | 417 | 427 | - | - | - |
| **SK 9072.1** | 360 | - | - | - | 348 | 348 | 361 | 386 | 386 | 400 | 415 |

# SK 9082.1/42
# SK 9082.1/52
# SK 9082.1

NORD DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $n_1$ = 700 min$^{-1}$ | W $f_B \geq 1$ | IEC $f_B$ ⇨ E4 - E42 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | | 90 | 100 | 112 | 132 | 160 | | | | | | | |
| **SK 9082.1/42** | **4671,14** | **0,30** | 13000 | 0,45 | 0,30 | 0,22 | | * | * | * | | | | | | | | | |
| | **3341,45** | **0,42** | 13000 | 0,61 | 0,40 | 0,31 | | * | * | * | | | | | | | | | |
| W | **2682,59** | **0,52** | 13000 | 0,75 | 0,49 | 0,37 | | * | * | * | | | | | | | | | |
| + | 2044,65 | 0,68 | 13000 | 0,93 | 0,61 | 0,46 | | * | * | * | * | | | | | | | | |
| IEC | 1812,59 | 0,77 | 13000 | 1,05 | 0,69 | 0,52 | | * | * | * | * | * | | | | | | | |
| mm | 1467,80 | 0,95 | 13000 | 1,29 | 0,85 | 0,65 | | * | * | * | * | * | | | | | | | |
| ⇨ E130 | 1017,77 | 1,4 | 13000 | 1,91 | 1,26 | 0,95 | | | * | * | * | * | | | | | | | |
| | 845,38 | 1,7 | 13000 | 2,31 | 1,53 | 1,16 | | | * | * | * | * | | | | | | | |
| | 704,48 | 2,0 | 13000 | 2,72 | 1,80 | 1,36 | | | * | * | * | * | | | | | | | |
| | 603,37 | 2,3 | 13000 | 3,13 | 2,07 | 1,57 | | | | * | * | * | | | | | | | |
| | 443,41 | 3,2 | 13000 | 4,36 | 2,87 | 2,18 | | | | | * | * | | | | | | | |
| | 379,59 | 3,7 | 13000 | 5,04 | 3,32 | 2,52 | | | | | * | * | | | | | | | |
| | 285,05 | 4,9 | 13000 | 6,67 | 4,40 | 3,34 | | | | | * | * | | | | | | | |

| | | | | | | | IEC | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 90 | 100 | 112 | 132 | 160 | 180 | | | | | | | |
| **SK 9082.1/52** | 245,62 | 5,7 | 13000 | 7,76 | 5,12 | 3,88 | | | | * | * | * | | | | | | | |
| W + IEC | 182,09 | 7,7 | 13000 | 10,48 | 6,92 | 5,24 | | | | | * | * | | | | | | | |
| mm | 146,19 | 9,6 | 13000 | 13,07 | 8,62 | 6,53 | | | | | * | * | | | | | | | |
| ⇨ E130 | 123,13 | 11 | 12000 | 13,82 | 9,12 | 6,91 | | | | | * | * | | | | | | | |

| | | | | | | | IEC | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | | |
| **SK 9082.1** | **296,80** | 4,7 | 12600 | 6,20 | 4,09 | 3,10 | | | | * | * | * | | | | | | | |
| | **244,32** | 5,7 | 13000 | 7,76 | 5,12 | 3,88 | | | | * | * | * | | | | | | | |
| W | **148,76** | 9,4 | 13000 | 12,80 | 8,45 | 6,40 | | | | | * | * | | | | | | | |
| + | **122,46** | 11 | 13000 | 14,97 | 9,88 | 7,49 | | | | | * | * | | | | | | | |
| IEC | 116,45 | 12 | 13000 | 16,34 | 10,78 | 8,17 | | | | | | * | * | * | | | | | |
| mm | 95,86 | 15 | 13000 | 20,42 | 13,48 | 10,21 | | | | | | * | * | * | | | | | |
| ⇨ E132 | 82,88 | 17 | 13000 | 23,14 | 15,27 | 11,57 | | | | | | | * | * | * | | | | |
| | 71,50 | 20 | 13000 | 27,23 | 17,97 | 13,61 | | | | | | | * | * | * | * | * | | |
| | 62,39 | 22 | 13000 | 29,95 | 19,77 | 14,97 | | | | | | | * | * | * | * | * | | |
| | 53,28 | 26 | 13000 | 35,39 | 23,36 | 17,70 | | | | | | | | * | * | * | * | | |
| | 44,63 | 31 | 13000 | 42,20 | 27,85 | 21,10 | | | | | | | | * | * | * | * | | |
| | 41,54 | 34 | 13000 | 46,28 | 30,55 | 23,14 | | | | | | | | | * | | | | |
| | 35,83 | 39 | 13000 | 53,09 | 35,04 | 26,54 | | | | | | | | | * | * | | | |
| | 31,27 | 45 | 13000 | 61,26 | 40,43 | 30,63 | | | | | | | | | | * | * | | |
| | 26,71 | 52 | 13000 | 70,79 | 46,72 | 35,39 | | | | | | | | | | * | * | | |
| | 22,37 | 63 | 13000 | 85,76 | 56,60 | 42,88 | | | | | | | | | | * | * | | |
| | 20,16 | 69 | 13000 | 90,00 | *59,40* | *45,00* | | | | | | | | | | | | | |
| | 17,35 | 81 | 13000 | 90,00 | *59,40* | *45,00* | | | | | | | | | | | * | | |
| | 14,61 | 96 | 13000 | 90,00 | *59,40* | *45,00* | | | | | | | | | | | * | | |
| | 12,31 | 114 | 8400 | 90,00 | *59,40* | *45,00* | | | | | | | | | | | * | | |
| | 8,04 | 174 | 7200 | 90,00 | *59,40* | *45,00* | | | | | | | | | | | * | | |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9082.1/42** | 651 | 646 | 653 | 653 | 667 | 677 | - | - | - | - | - | - |
| **SK 9082.1/52** | 676 | - | 678 | 678 | 692 | 702 | 702 | - | - | - | - | - |
| **SK 9082.1** | 695 | - | - | - | 621 | 646 | 646 | 660 | 675 | 730 | 730 | 810 |

# SK 9086.1/52
# SK 9086.1

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 90 | 100 | 112 | 132 | 160 | 180 | | | | | | |
| **SK 9086.1/52** | **4818,83** | **0,29** | 20000 | 0,65 | 0,43 | 0,32 | * | * | * | | | | | | | | | |
| | **3590,92** | **0,39** | 20000 | 0,82 | 0,54 | 0,41 | * | * | * | | | | | | | | | |
| **W** | **3007,66** | **0,47** | 20000 | 0,98 | 0,65 | 0,49 | | * | * | | | | | | | | | |
| **+** | **2107,43** | **0,66** | 20000 | 1,38 | 0,91 | 0,69 | | * | * | | | | | | | | | |
| **IEC** | 1786,05 | 0,78 | 20000 | 1,63 | 1,08 | 0,82 | | * | * | * | * | | | | | | | |
| | 1463,40 | 0,96 | 20000 | 2,01 | 1,33 | 1,01 | | * | * | * | * | * | | | | | | |
| mm | 1202,18 | 1,2 | 20000 | 2,51 | 1,66 | 1,26 | | * | * | * | * | * | | | | | | |
| | 907,88 | 1,5 | 20000 | 3,14 | 2,07 | 1,57 | | | * | * | * | * | | | | | | |
| ⇨ E130 | 714,15 | 2,0 | 20000 | 4,19 | 2,76 | 2,09 | | | | * | * | * | | | | | | |
| | 623,16 | 2,2 | 20000 | 4,61 | 3,04 | 2,30 | | | | * | * | * | | | | | | |
| | 433,35 | 3,2 | 20000 | 6,70 | 4,42 | 3,35 | | | | * | * | * | | | | | | |
| | 378,14 | 3,7 | 20000 | 7,75 | 5,11 | 3,87 | | | | | * | * | | | | | | |
| | 270,47 | 5,2 | 20000 | 10,89 | 7,19 | 5,45 | | | | | * | * | | | | | | |
| | 235,93 | 5,9 | 20000 | 12,36 | 8,15 | 6,18 | | | | | * | * | | | | | | |
| | 171,89 | 8,1 | 20000 | 16,96 | 11,20 | 8,48 | | | | | | * | | | | | | |
| | 144,60 | 9,7 | 18000 | 18,28 | 12,07 | 9,14 | | | | | | * | | | | | | |

| | | | | | | | IEC | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | |
| **SK 9086.1** | **230,64** | **6,1** | 20000 | 12,77 | 8,43 | 6,39 | | | | | * | * | | | | | | |
| | **194,04** | **7,2** | 20000 | 15,08 | 9,95 | 7,54 | | | | | | * | | | | | | |
| **W** | **151,76** | **9,2** | 20000 | 19,27 | 12,72 | 9,63 | | | | | | * | * | | | | | |
| **+** | **127,67** | **11** | 20000 | 23,04 | 15,20 | 11,52 | | | | | | | * | | | | | |
| **IEC** | 116,50 | 12 | 20000 | 25,13 | 16,59 | 12,57 | | | | | | | | | | | | |
| | 90,50 | 15 | 20000 | 31,41 | 20,73 | 15,71 | | | | | | | | * | | | | |
| mm | 78,24 | 18 | 20000 | 37,70 | 24,88 | 18,85 | | | | | | | | * | * | | | |
| | 67,50 | 21 | 20000 | 43,98 | 29,03 | 21,99 | | | | | | | | * | * | * | * | |
| ⇨ E132 | 58,90 | 24 | 20000 | 50,26 | 33,17 | 25,13 | | | | | | | | | * | * | * | |
| | 50,30 | 28 | 20000 | 58,64 | 38,70 | 29,32 | | | | | | | | | | * | * | |
| | 42,13 | 33 | 20000 | 69,11 | 45,61 | 34,55 | | | | | | | | | | * | * | |
| | 35,44 | 40 | 18000 | 75,39 | 49,76 | 37,70 | | | | | | | | | | * | * | |
| | 29,52 | 47 | 20000 | 98,43 | 64,96 | 49,21 | | | | | | | | | | | * | |
| | 25,21 | 56 | 20000 | 117,28 | 77,40 | 58,64 | | | | | | | | | | | * | |
| | 21,12 | 66 | 20000 | 138,22 | 91,23 | 69,11 | | | | | | | | | | | * | |
| | 17,77 | 79 | 19000 | 157,17 | 103,73 | 78,59 | | | | | | | | | | | * | |
| | 16,38 | 85 | 19000 | 160,00 | 105,60 | 80,00 | | | | | | | | | | | * | |
| | 14,70 | 95 | 15000 | 149,21 | 98,48 | 74,61 | | | | | | | | | | | * | |
| | 12,31 | 114 | 14000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 11,60 | 121 | 17000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 9,55 | 147 | 13000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 8,04 | 174 | 13000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9086.1/52** | 926 | 921 | 928 | 928 | 942 | 952 | 952 | - | - | - | - | - |
| **SK 9086.1** | 945 | - | - | - | 871 | 896 | 896 | 910 | 925 | 980 | 980 | 1060 |

# SK 9092.1/52
# SK 9092.1

DRIVESYSTEMS

| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $f_B \geq 1$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | IEC | | | | | | | | | | | |
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | 90 | 100 | 112 | 132 | 160 | 180 | | | | | | |
| **SK 9092.1/52** | **4916,63** | **0,28** | 32000 | 0,94 | 0,62 | 0,47 | * | * | * | | | | | | | | | |
| | **3551,65** | **0,39** | 26000 | 1,06 | 0,70 | 0,53 | * | * | * | | | | | | | | | |
| **W + IEC** | **2902,00** | **0,48** | 26000 | 1,31 | 0,86 | 0,65 | | * | * | | | | | | | | | |
| | 2116,80 | 0,66 | 32000 | 2,21 | 1,46 | 1,11 | | * | * | * | * | | | | | | | |
| mm | 1795,36 | 0,78 | 32000 | 2,61 | 1,72 | 1,31 | | * | * | * | * | | | | | | | |
| ⇨ E130 | 1424,80 | 0,98 | 32000 | 3,28 | 2,17 | 1,64 | | | * | * | * | | | | | | | |
| | 1120,00 | 1,2 | 32000 | 4,02 | 2,65 | 2,01 | | | | * | * | | | | | | | |
| | 846,40 | 1,7 | 32000 | 5,70 | 3,76 | 2,85 | | | | * | * | * | | | | | | |
| | 706,40 | 2,0 | 32000 | 6,70 | 4,42 | 3,35 | | | | * | * | * | | | | | | |
| | 608,12 | 2,3 | 32000 | 7,71 | 5,09 | 3,85 | | | | * | * | * | | | | | | |
| | 441,46 | 3,2 | 32000 | 10,72 | 7,08 | 5,36 | | | | | * | | | | | | | |
| | 385,67 | 3,6 | 32000 | 12,06 | 7,96 | 6,03 | | | | | * | * | | | | | | |
| | 280,76 | 5,0 | 32000 | 16,75 | 11,06 | 8,38 | | | | | | * | | | | | | |
| | 222,14 | 6,3 | 32000 | 21,11 | 13,93 | 10,55 | | | | | | * | | | | | | |
| | 191,28 | 7,3 | 32000 | 22,00 | 14,52 | 11,00 | | | | | | | | | | | | |

| | | | | | | | IEC | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 90 | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | |
| **SK 9092.1** | **297,51** | **4,7** | 32000 | 15,75 | 10,39 | 7,87 | | | | | | * | | | | | | |
| | **253,40** | **5,5** | 32000 | 18,43 | 12,16 | 9,21 | | | | | | * | | | | | | |
| **W + IEC** | **197,51** | **7,1** | 32000 | 23,79 | 15,70 | 11,90 | | | | | | | * | | | | | |
| | 152,96 | 9,2 | 32000 | 30,83 | 20,35 | 15,41 | | | | | | | | | | | | |
| mm | 120,23 | 12 | 32000 | 40,21 | 26,54 | 20,10 | | | | | | | | * | | | | |
| ⇨ E132 | 102,28 | 14 | 32000 | 46,91 | 30,96 | 23,46 | | | | | | | | | * | | | |
| | 91,60 | 15 | 32000 | 50,26 | 33,17 | 25,13 | | | | | | | | | * | * | | |
| | 80,00 | 18 | 32000 | 60,31 | 39,81 | 30,16 | | | | | | | | | | * | * | |
| | 68,87 | 20 | 32000 | 67,02 | 44,23 | 33,51 | | | | | | | | | | * | * | |
| | 58,66 | 24 | 32000 | 80,42 | 53,08 | 40,21 | | | | | | | | | | | * | |
| | 49,75 | 28 | 32000 | 93,82 | 61,92 | 46,91 | | | | | | | | | | | * | |
| | 47,93 | 29 | 32000 | 97,17 | 64,13 | 48,59 | | | | | | | | | | | * | |
| | 46,02 | 30 | 32000 | 100,52 | 66,35 | 50,26 | | | | | | | | | | | | |
| | 43,68 | 32 | 27800 | 93,15 | 61,48 | 46,58 | | | | | | | | | | | | |
| | 40,65 | 34 | 32000 | 113,93 | 75,19 | 56,96 | | | | | | | | | | | * | |
| | 39,10 | 36 | 32000 | 120,63 | 79,61 | 60,31 | | | | | | | | | | | | |
| | 34,15 | 41 | 32000 | 137,38 | 90,67 | 68,69 | | | | | | | | | | | * | |
| | 29,28 | 48 | 32000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 24,94 | 56 | 32000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 20,38 | 69 | 32000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 17,26 | 81 | 20500 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 14,10 | 99 | 19400 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 11,55 | 121 | 18400 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |
| | 10,68 | 131 | 18000 | *160,00* | *105,60* | *80,00* | | | | | | | | | | | * | |

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| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9092.1/52** | 1496 | 1491 | 1498 | 1498 | 1512 | 1522 | 1522 | - | - | - | - | - |
| **SK 9092.1** | 1515 | - | - | - | 1441 | 1466 | 1466 | 1480 | 1495 | 1550 | 1550 | 1630 |

# SK 9096.1/63
# SK 9096.1/62
# SK 9096.1

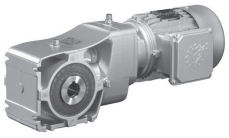
| | $i_{ges}$ | $n_2$ $n_1$ = 1400 min$^{-1}$ | $M_{2max}$ $f_B$ = 1 | W $P_{1max}$ $n_1$ = 1400 min$^{-1}$ | W $P_{1max}$ $n_1$ = 930 min$^{-1}$ | W $P_{1max}$ $n_1$ = 700 min$^{-1}$ | IEC $f_B$ ⇨ E4 - E42 |
|---|---|---|---|---|---|---|---|
| | | [min$^{-1}$] | [Nm] | [kW] | [kW] | [kW] | IEC 90 / 100 / 112 / 132 / 160 / 180 |
| **SK 9096.1/63** | 13432,68 | 0,10 | 50000 | 0,56 | 0,37 | 0,28 | * * * * |
| | 11954,86 | 0,12 | 50000 | 0,67 | 0,44 | 0,33 | * * * * * |
| **W + IEC** | 9713,32 | 0,14 | 50000 | 0,77 | 0,51 | 0,39 | * * * * * * |
| mm | 8306,57 | 0,17 | 50000 | 0,89 | 0,59 | 0,45 | * * * * * * |
| ⇨ E130 | 7842,34 | 0,18 | 50000 | 0,94 | 0,62 | 0,47 | * * * * * * |
| | 6706,55 | 0,21 | 50000 | 1,10 | 0,73 | 0,55 | * * * * * * |
| | 5575,65 | 0,25 | 50000 | 1,31 | 0,86 | 0,65 | * * * * * * |
| | 4441,42 | 0,32 | 50000 | 1,68 | 1,11 | 0,84 | * * * * * |
| | 3692,48 | 0,38 | 50000 | 1,99 | 1,31 | 0,99 | * * * * * |
| | 3210,12 | 0,44 | 50000 | 2,30 | 1,52 | 1,15 | * * * * |
| | 2679,06 | 0,52 | 50000 | 2,72 | 1,80 | 1,36 | * * * * |
| | 2316,27 | 0,60 | 50000 | 3,14 | 2,07 | 1,57 | * * * * |
| | 2052,10 | 0,68 | 50000 | 3,56 | 2,35 | 1,78 | * * * * |
| | 1774,21 | 0,79 | 50000 | 4,14 | 2,73 | 2,07 | * * * |

| | | | | | | | IEC 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 |
|---|---|---|---|---|---|---|---|
| **SK 9096.1/62** | 1623,67 | 0,86 | 50000 | 4,50 | 2,97 | 2,25 | * * * * |
| | 1353,86 | 1,0 | 50000 | 5,24 | 3,46 | 2,62 | * * * * * |
| | 1165,22 | 1,2 | 50000 | 6,28 | 4,15 | 3,14 | * * * * * |
| **W + IEC** | 979,31 | 1,4 | 50000 | 7,33 | 4,84 | 3,66 | * * * * * |
| mm | 816,57 | 1,7 | 50000 | 8,90 | 5,87 | 4,45 | * * * * * |
| ⇨ E131 | 702,80 | 2,0 | 50000 | 10,47 | 6,91 | 5,24 | * * * * |
| | 607,63 | 2,3 | 50000 | 12,04 | 7,95 | 6,02 | * * * * |
| | 538,33 | 2,6 | 50000 | 13,61 | 8,98 | 6,81 | * * * * |
| | 474,22 | 3,0 | 50000 | 15,71 | 10,37 | 7,85 | * * * |
| | 431,00 | 3,2 | 50000 | 16,75 | 11,06 | 8,38 | * * * |
| | 370,95 | 3,8 | 50000 | 19,90 | 13,13 | 9,95 | * * |
| | 320,72 | 4,4 | 50000 | 23,04 | 15,20 | 11,52 | * * |
| | 297,17 | 4,7 | 50000 | 24,61 | 16,24 | 12,30 | * * |
| | 270,09 | 5,2 | 50000 | 27,23 | 17,97 | 13,61 | * * |
| | 233,51 | 6,0 | 50000 | 31,41 | 20,73 | 15,71 | * |
| | 208,95 | 6,7 | 50000 | 35,08 | 23,15 | 17,54 | * |

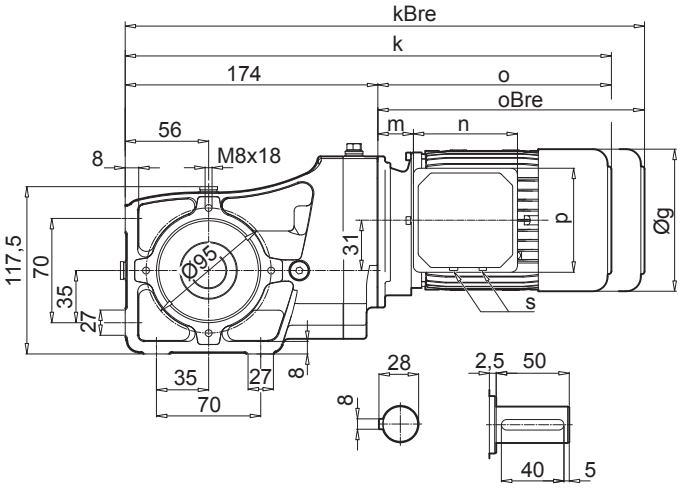
| | | | | | | | IEC 90 / 100 / 112 / 132 / 160 / 180 / 200 / 225 / 250 / 280 / 315 |
|---|---|---|---|---|---|---|---|
| **SK 9096.1** | 200,57 | 7,0 | 50000 | 36,65 | 24,19 | 18,32 | * |
| | 173,41 | 8,1 | 50000 | 42,41 | 27,99 | 21,20 | * |
| | 154,29 | 9,1 | 50000 | 47,64 | 31,45 | 23,82 | * * |
| **W + IEC** | 133,53 | 10 | 50000 | 52,36 | 34,55 | 26,18 | * * |
| mm | 118,18 | 12 | 50000 | 62,83 | 41,47 | 31,41 | * * |
| ⇨ E132 | 102,18 | 14 | 50000 | 73,30 | 48,38 | 36,65 | * * |
| | 89,60 | 16 | 50000 | 83,77 | 55,29 | 41,88 | * * |
| | 81,43 | 17 | 50000 | 89,01 | 58,74 | 44,50 | * * |
| | 70,41 | 20 | 50000 | 104,71 | 69,11 | 52,36 | * |
| | 65,07 | 22 | 50000 | 115,18 | 76,02 | 57,59 | * |
| | 56,26 | 25 | 50000 | 130,89 | 86,39 | 65,45 | * |
| | 47,79 | 29 | 50000 | 151,83 | 100,21 | 75,92 | * |
| | 41,32 | 34 | 50000 | 178,01 | 117,49 | 89,01 | * |
| | 36,24 | 39 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 32,93 | 43 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 28,47 | 49 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 26,31 | 53 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 22,75 | 62 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 19,41 | 72 | 50000 | *200,00* | *132,00* | *100,00* | |
| | 16,78 | 83 | 50000 | *200,00* | *132,00* | *100,00* | |

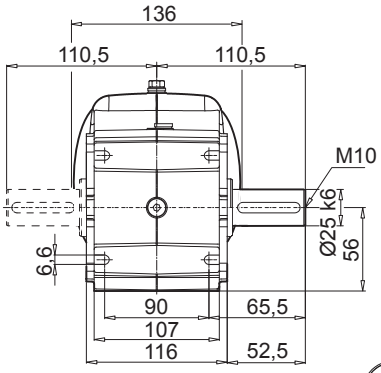
* ⇨ A63

| kg | W | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 | IEC 180 | IEC 200 | IEC 225 | IEC 250 | IEC 280 | IEC 315 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9096.1/63** | 1949 | 1944 | 1951 | 1951 | 1965 | 1975 | 1975 | - | - | - | - | - |
| **SK 9096.1/62** | 1971 | - | 1959 | 1959 | 1972 | 1997 | 1997 | 2011 | 2026 | - | - | - |
| **SK 9096.1** | 1870 | - | - | - | 1841 | 1866 | 1866 | 1880 | 1895 | 1950 | 1950 | 2030 |

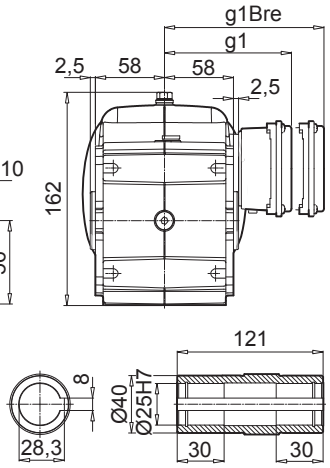


## SK 92072.1 V

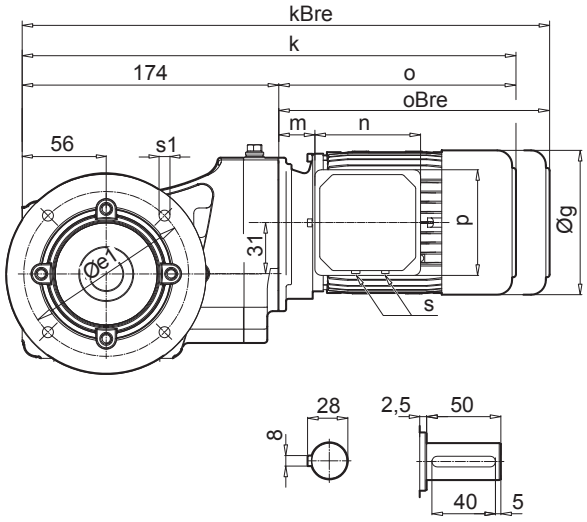


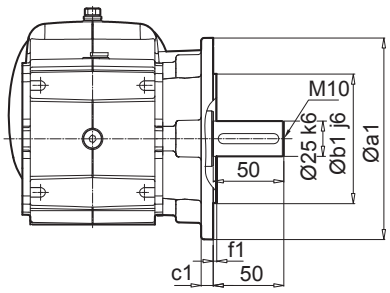




## SK 92072.1 A

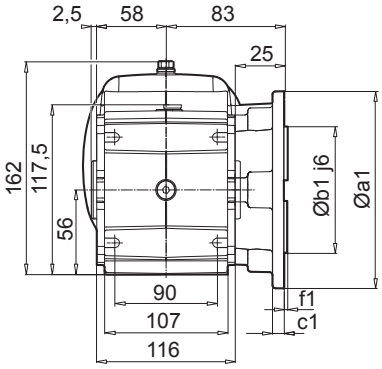


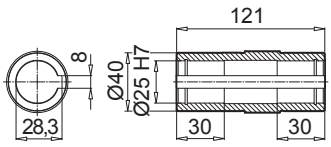

## SK 92072.1VF




## SK 92072.1 AF



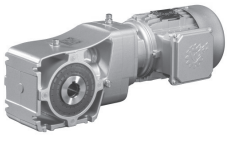




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | 95 | 10 | 115 | 3,0 | 9 |

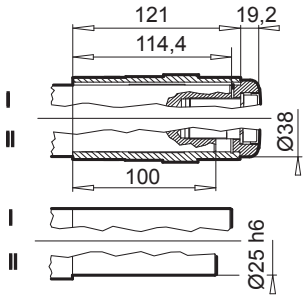
| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 366 / 422 | 388 / 446 | 410 / 474 | 410 / 474 | 450 / 525 | | |
| o / oBre | 192 / 248 | 214 / 272 | 236 / 300 | 236 / 300 | 276 / 351 | | |
| m / mBre | 12 / 19 | 20 / 27 | 22 / 26 | 22 / 26 | 26 / 30 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | | |

W ⇨📖E116

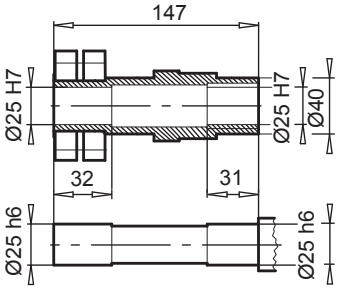
IEC ⇨📖E117

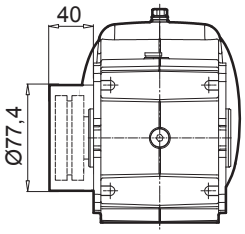


## SK 92072.1 A**B**

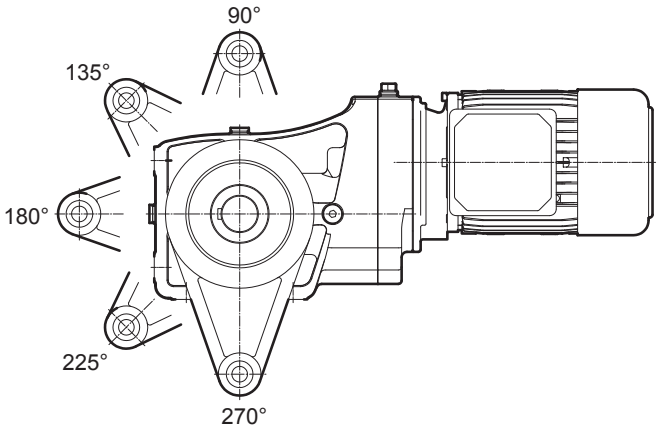


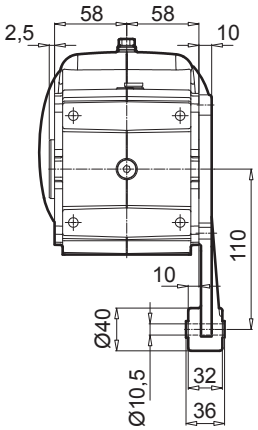

## SK 92072.1 A**SH**

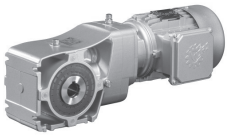


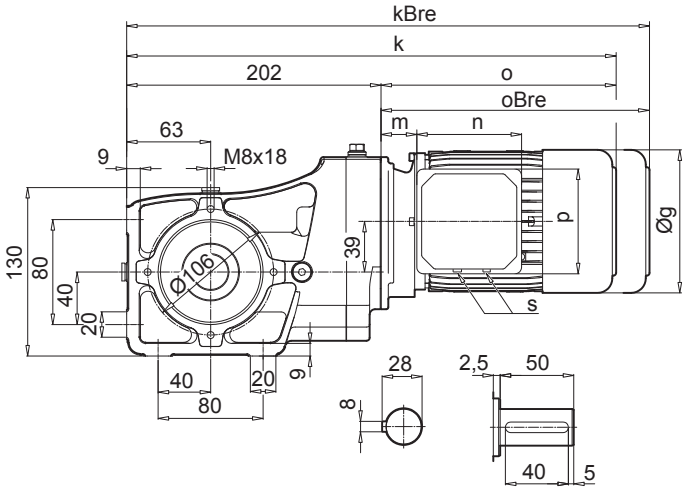

## SK 92072.1 A**D**



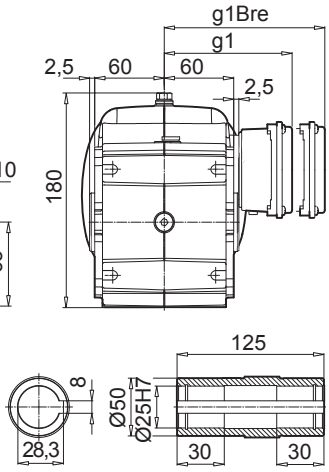





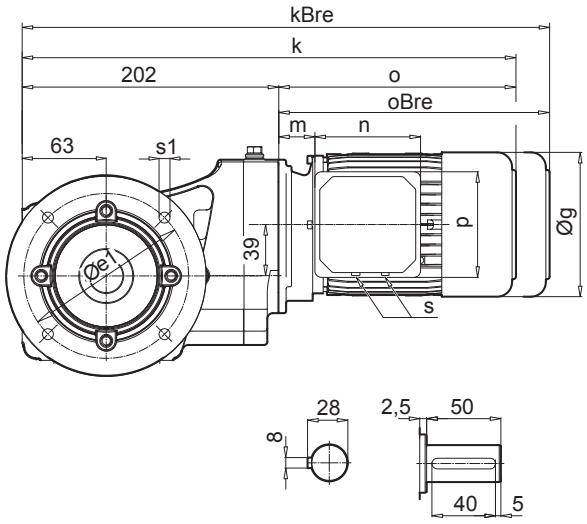
## SK 92172.1 V



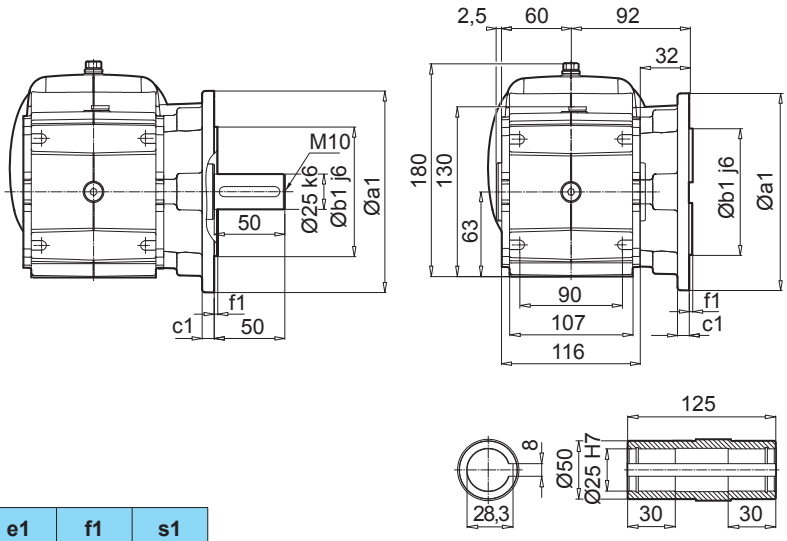

## SK 92172.1 A




## SK 92172.1VF




## SK 92172.1 AF

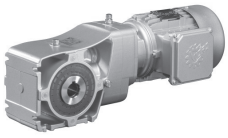



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 12 | 130 | 3,5 | 9 |

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 394 / 450 | 416 / 474 | 438 / 502 | 438 / 502 | 478 / 553 | | |
| o / oBre | 192 / 248 | 214 / 272 | 236 / 300 | 236 / 300 | 276 / 351 | | |
| m / mBre | 12 / 19 | 20 / 27 | 22 / 26 | 22 / 26 | 26 / 30 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | | |

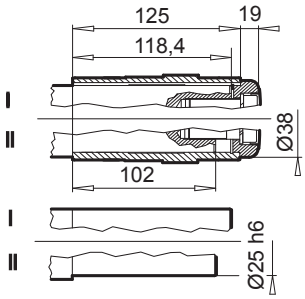
W ⇨📖E116

IEC ⇨📖E118

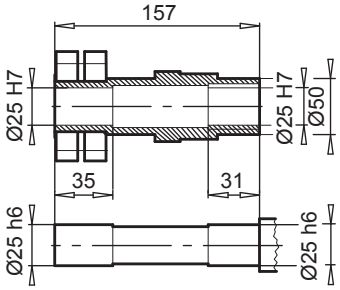


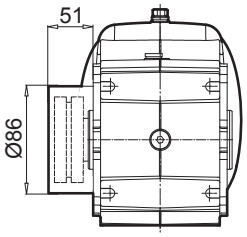
# SK 92172.1

## SK 92172.1 A**B**

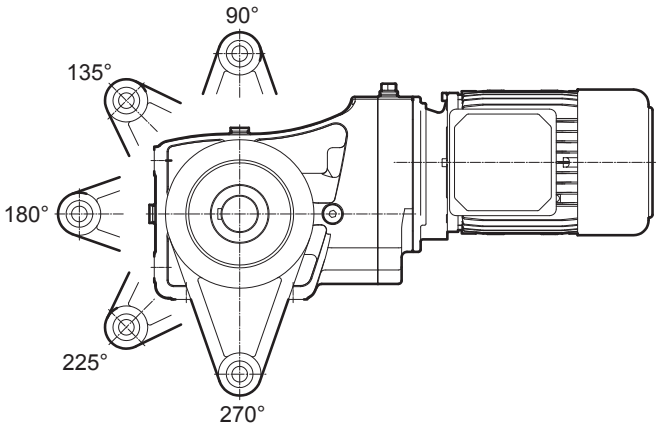


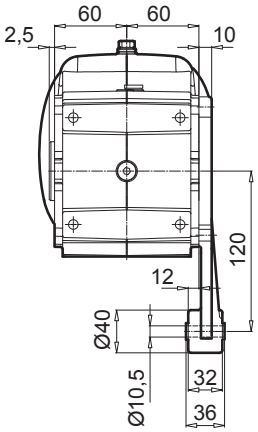

## SK 92172.1 A**SH**

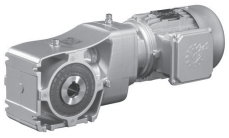


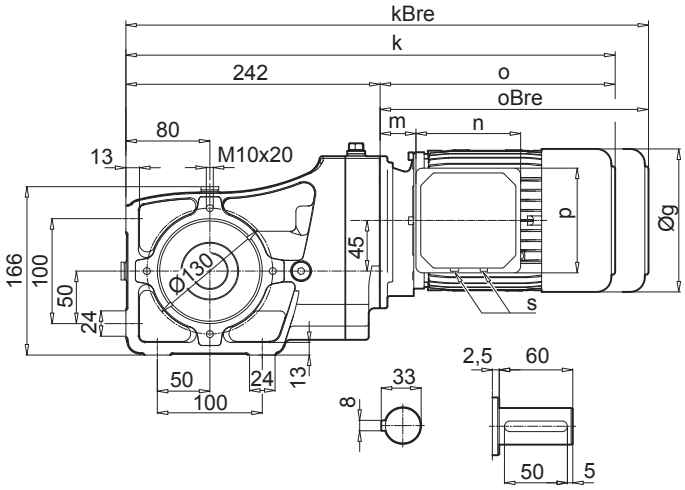

## SK 92172.1 A**D**



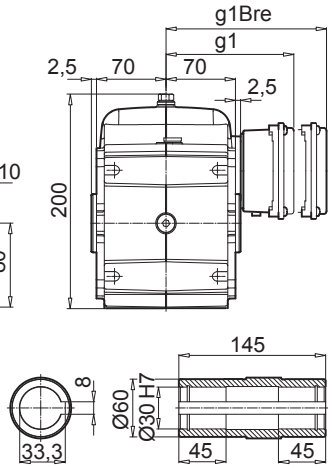





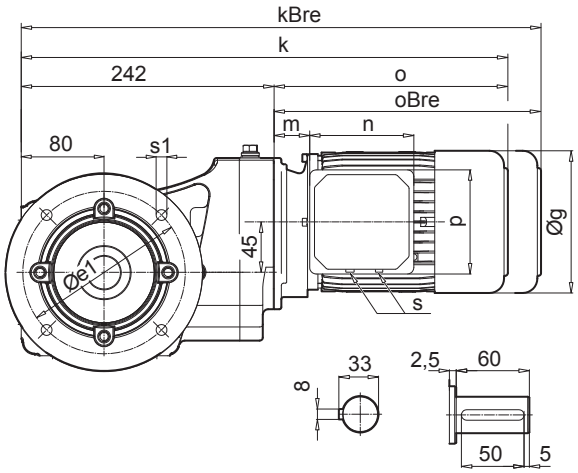
## SK 92372.1 V

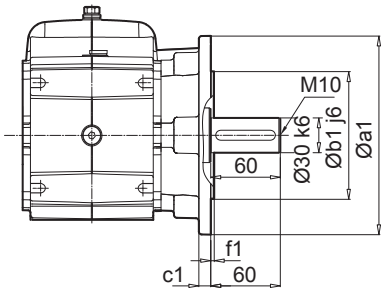



## SK 92372.1 A

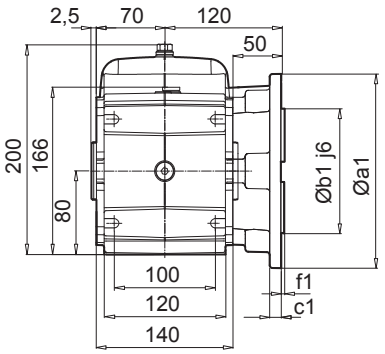


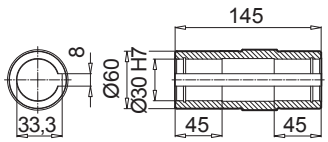

## SK 92372.1VF




## SK 92372.1 AF



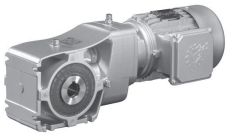




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 12 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | |
| k / kBre | 438 / 494 | 478 / 536 | 503 / 567 | 503 / 567 | 544 / 619 | 574 / 665 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | |

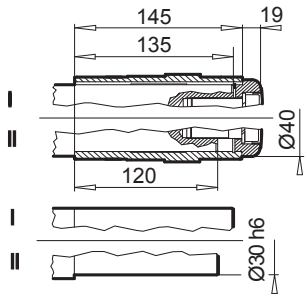
W ⇨📖E116

IEC ⇨📖E119

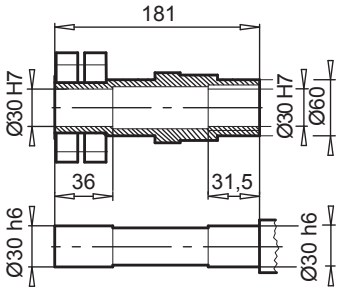


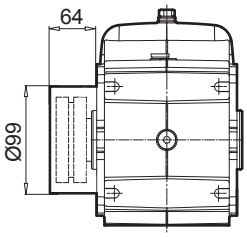
# SK 92372.1

## SK 92372.1 A**B**

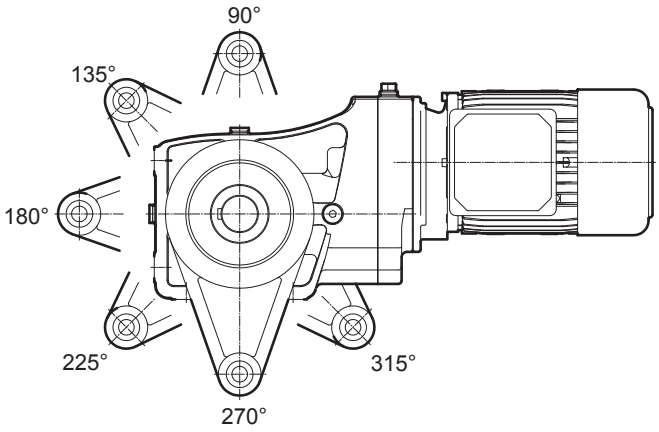


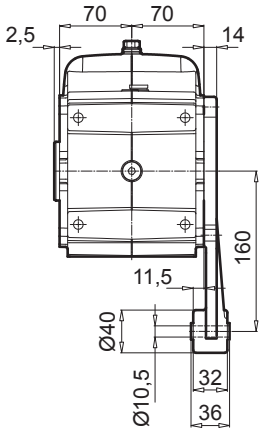

## SK 92372.1 A**SH**

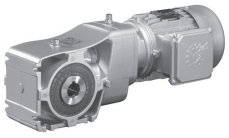


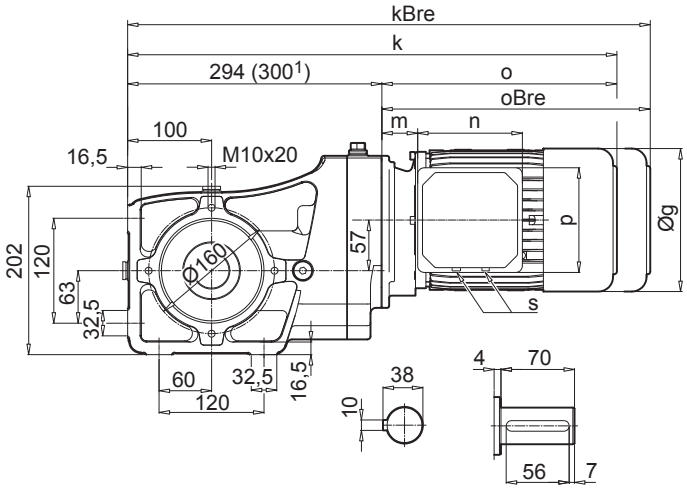

## SK 92372.1 A**D**



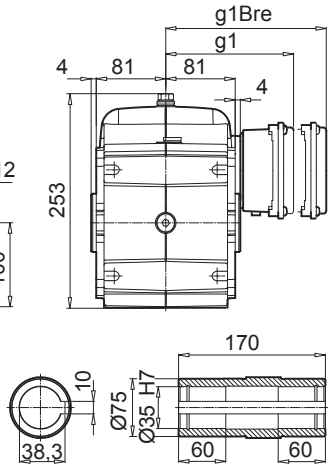





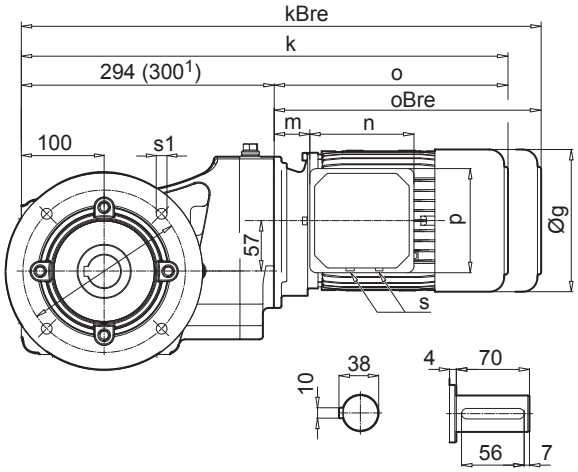
## SK 92672.1 V

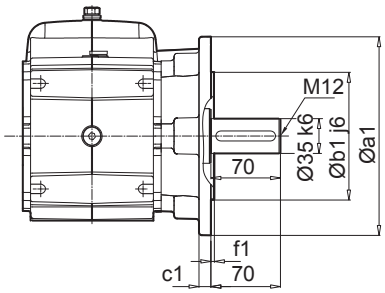



## SK 92672.1 A

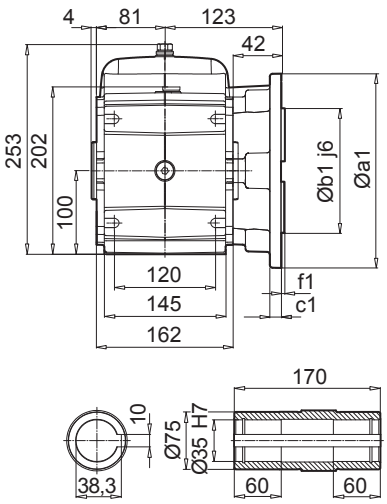



## SK 92672.1VF




## SK 92672.1 AF

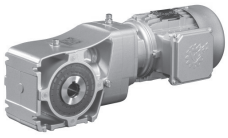



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11,4 |

| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP[1)] |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| k / kBre | 530 / 588 | 555 / 619 | 555 / 619 | 596 / 671 | 626 / 717 | 674 / 767 | 735 / 842 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | 435 / 542 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |
| s | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 |

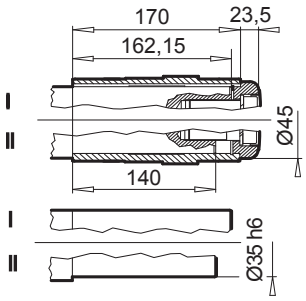
W ⇨📖E116

IEC ⇨📖E120

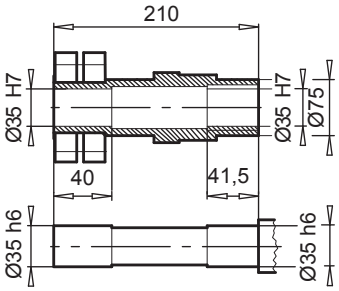


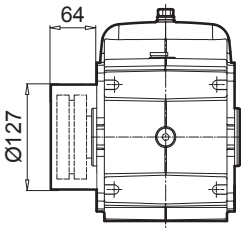
# SK 92672.1

## SK 92672.1 A**B**

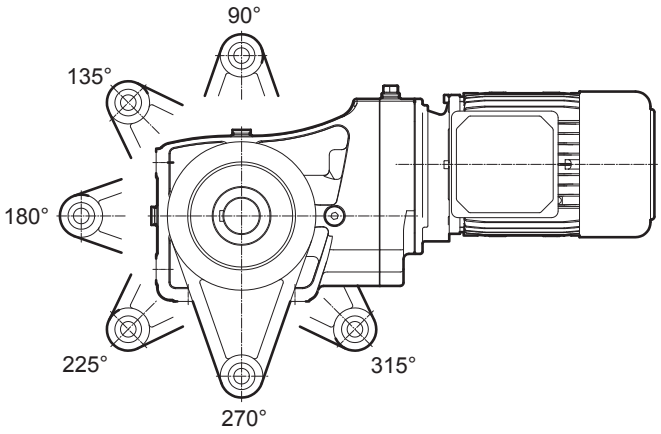


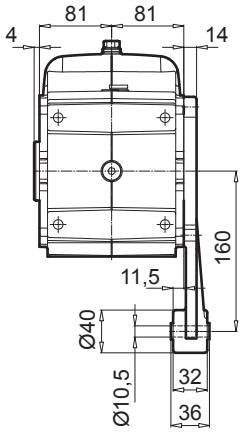

## SK 92672.1 A**SH**

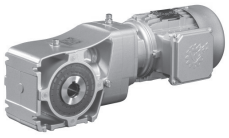


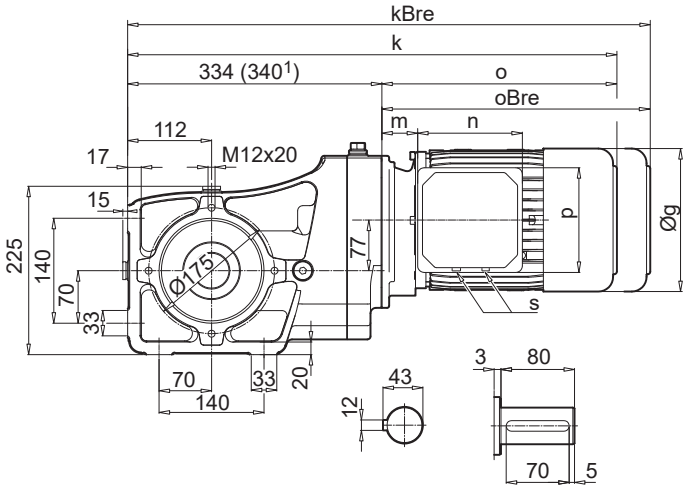

## SK 92672.1 A**D**



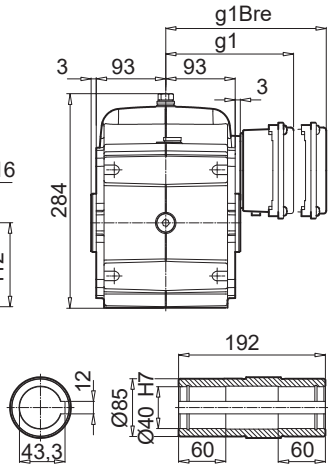





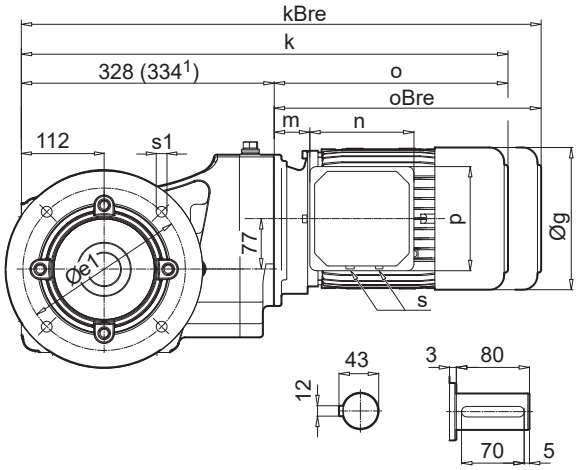
## SK 92772.1 V



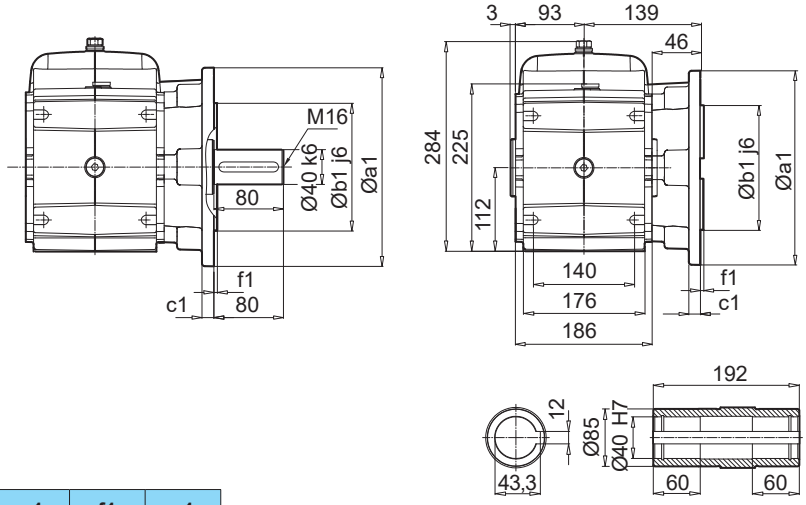

## SK 92772.1 A




## SK 92772.1VF

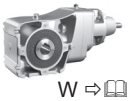



## SK 92772.1 AF



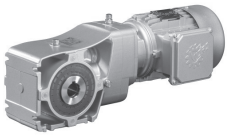

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 13,5 |

| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/ AP | 112 MP | 132 SP/MP[1)] |
|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| k / kBre | 564 / 622 | 589 / 653 | 589 / 653 | 630 / 705 | 660 / 751 | 708 / 801 | 769 / 876 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | 435 / 542 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |
| s | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 |



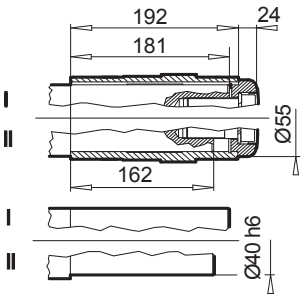
W ⇨📖E116

IEC ⇨📖E121

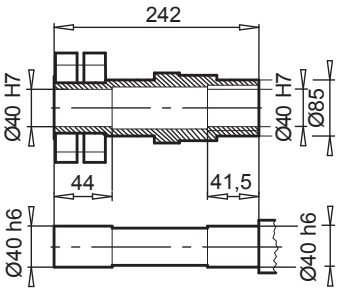


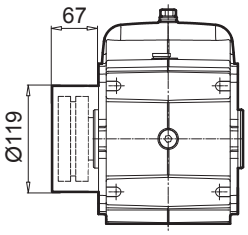
# SK 92772.1

## SK 92772.1 A**B**

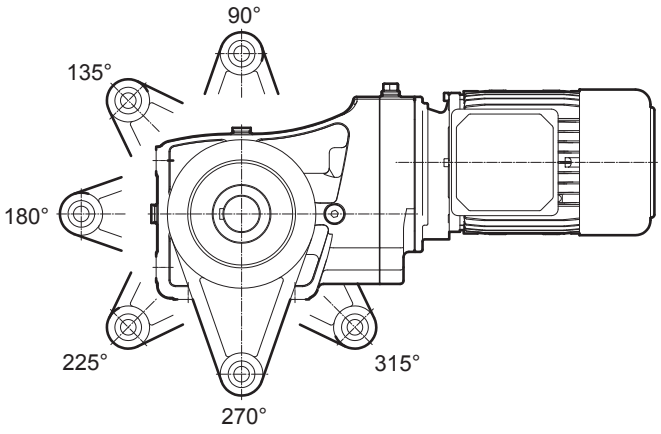


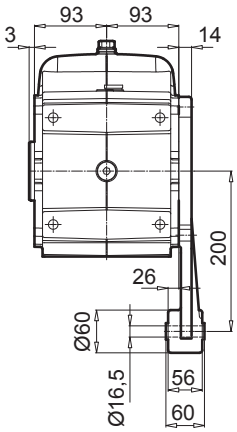

## SK 92772.1 A**SH**

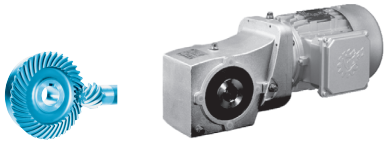


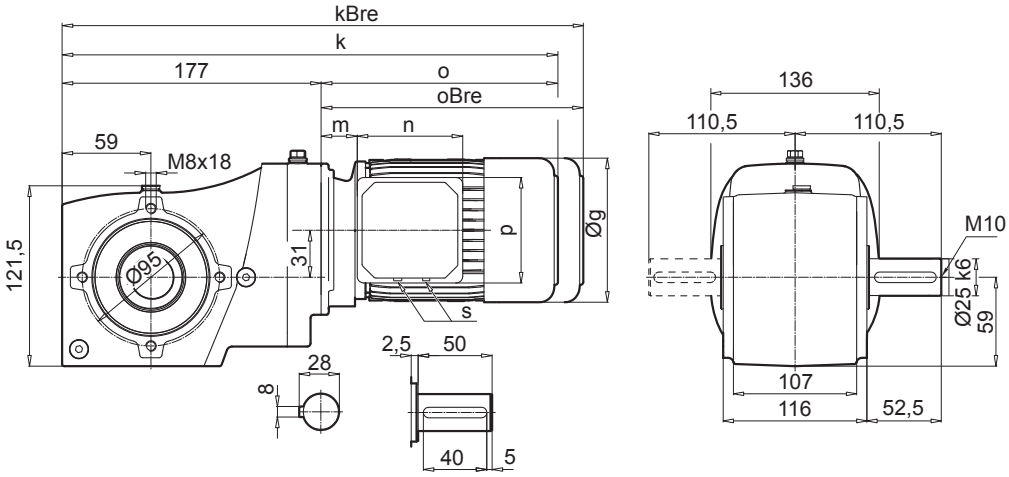

## SK 92772.1 A**D**



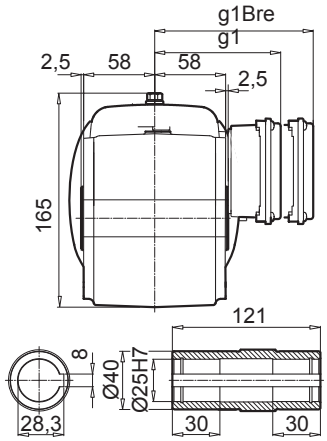





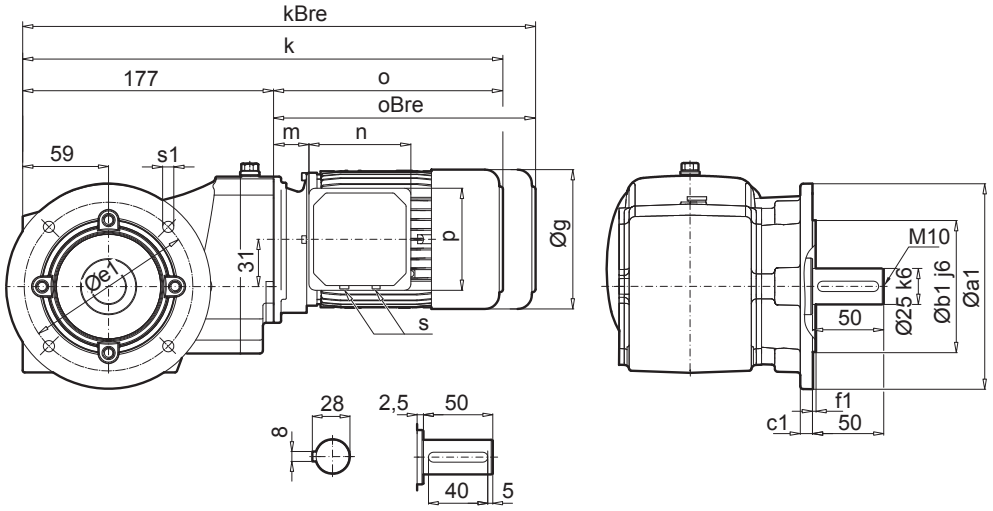
## SK 93072.1 V



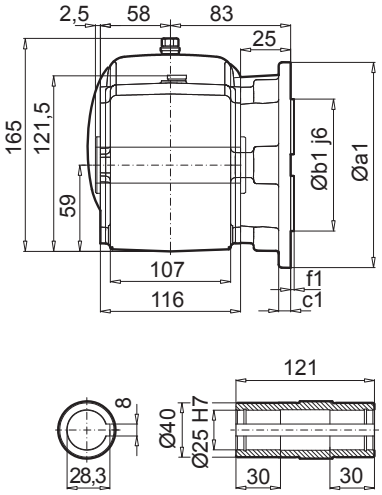

## SK 93072.1 A




## SK 93072.1VF




## SK 93072.1 AF

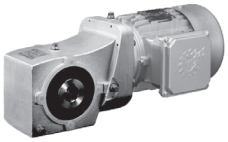



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 140 | 95 | 10 | 115 | 3,0 | 9 |

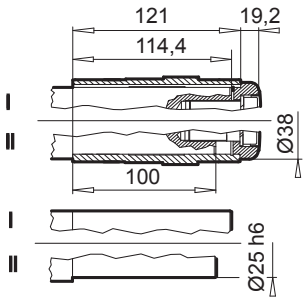
| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 369 / 425 | 391 / 449 | 413 / 477 | 413 / 477 | 453 / 528 | | |
| o / oBre | 192 / 248 | 214 / 272 | 236 / 300 | 236 / 300 | 276 / 351 | | |
| m / mBre | 12 / 19 | 20 / 27 | 22 / 26 | 22 / 26 | 26 / 30 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | | |

W ⇨📖E122

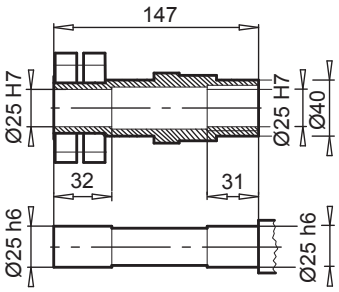
IEC ⇨📖E123

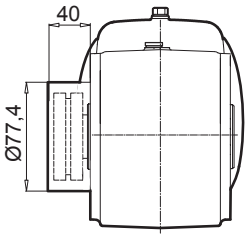


## SK 93072.1 A**B**

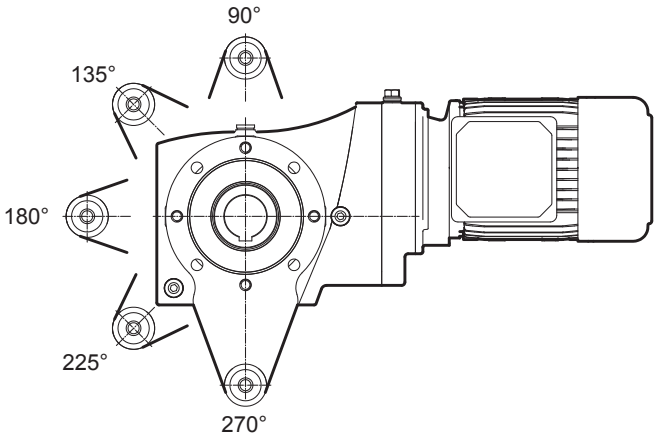


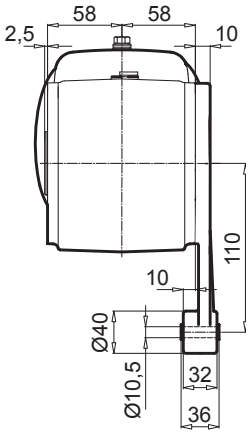

## SK 93072.1 A**SH**

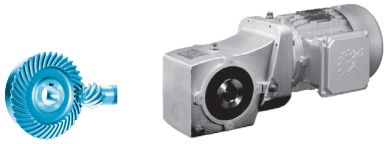


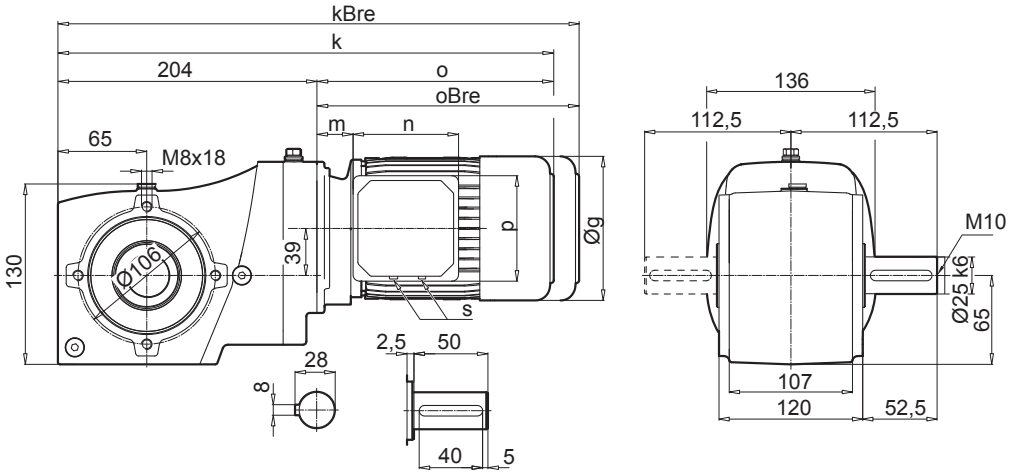

## SK 93072.1 A**D**



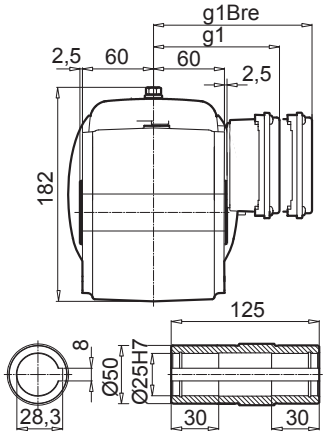





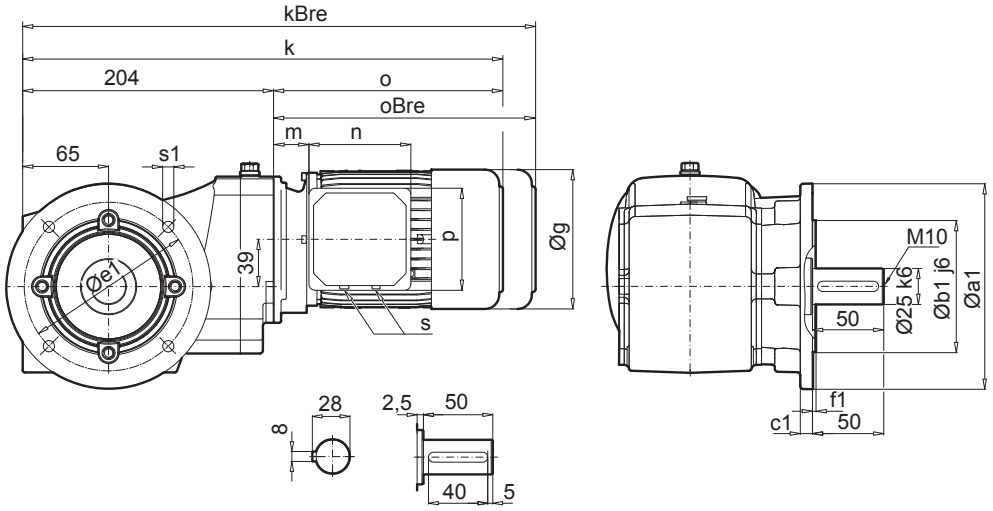
## SK 93172.1 V



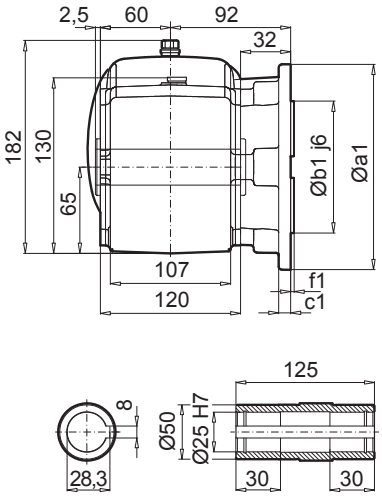

## SK 93172.1 A




## SK 93172.1VF




## SK 93172.1 AF



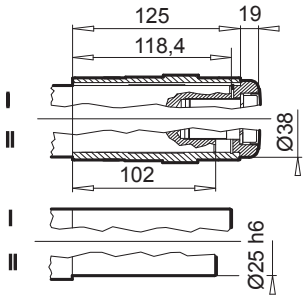

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 12 | 130 | 3,5 | 9 |

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| k / kBre | 396 / 452 | 418 / 476 | 440 / 504 | 440 / 504 | 480 / 555 | | |
| o / oBre | 192 / 248 | 214 / 272 | 236 / 300 | 236 / 300 | 276 / 351 | | |
| m / mBre | 12 / 19 | 20 / 27 | 22 / 26 | 22 / 26 | 26 / 30 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | | |

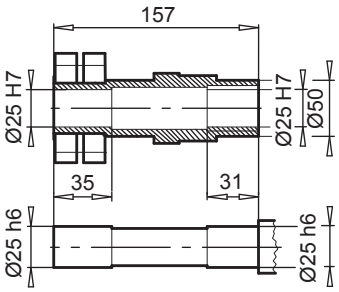
W ⇨📖E122

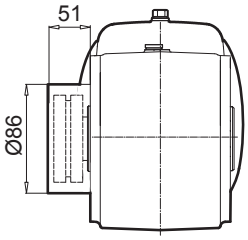
IEC ⇨📖E124

## SK 93172.1 A**B**

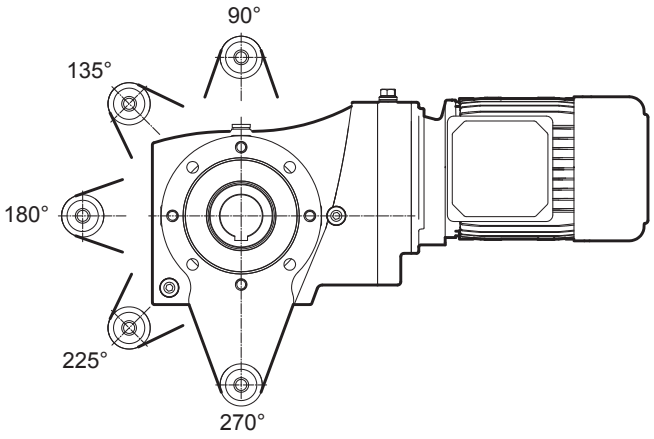


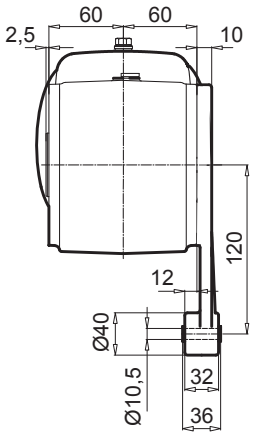

## SK 93172.1 A**SH**

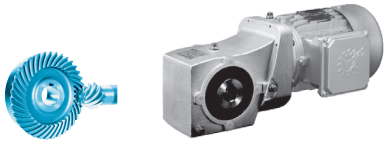


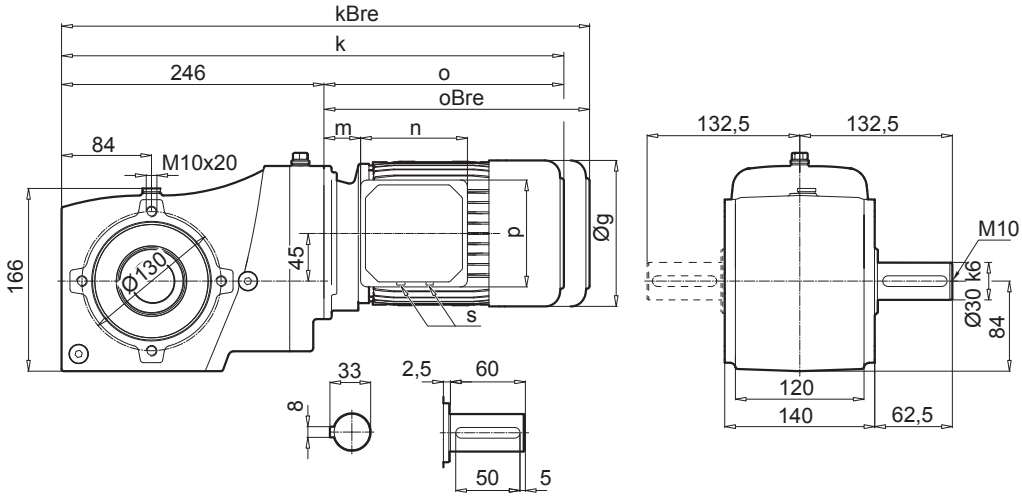

## SK 93172.1 A**D**



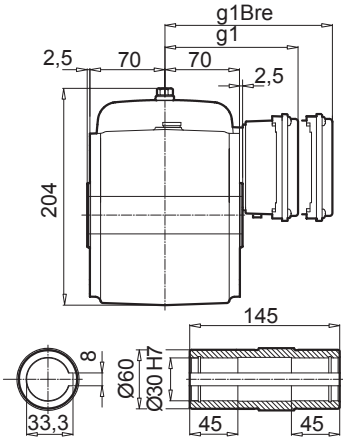





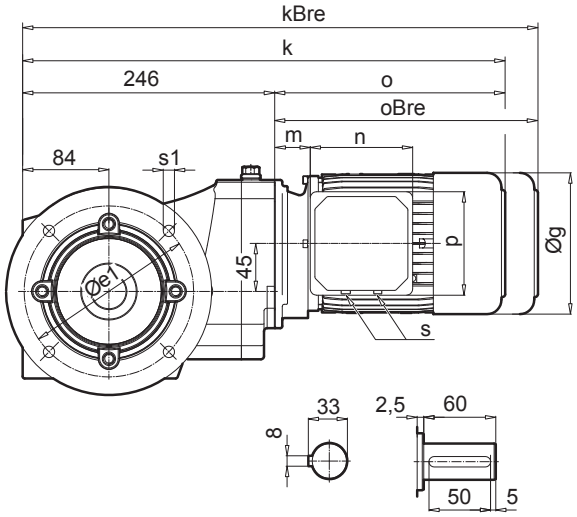
## SK 93372.1 V



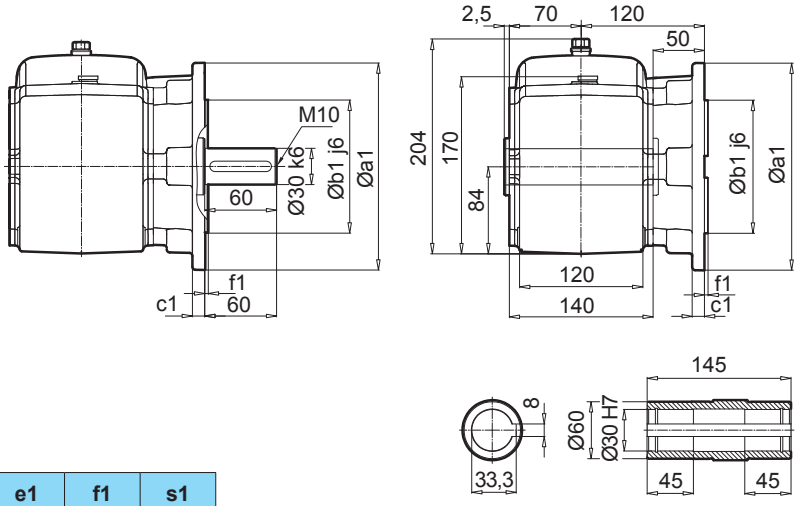

## SK 93372.1 A




## SK 93372.1VF




## SK 93372.1 AF



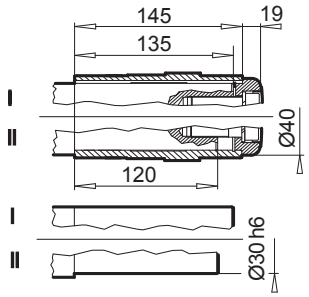

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 12 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11 |

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | |
|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | |
| k / kBre | 442 / 498 | 482 / 540 | 507 / 571 | 507 / 571 | 548 / 623 | 578 / 669 | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | |
| m / mBre | 16 / 23 | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 144 / 108 | 144 / 108 | 144 / 108 | 144 / 108 | |
| s | M20 x 1,5 | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | |

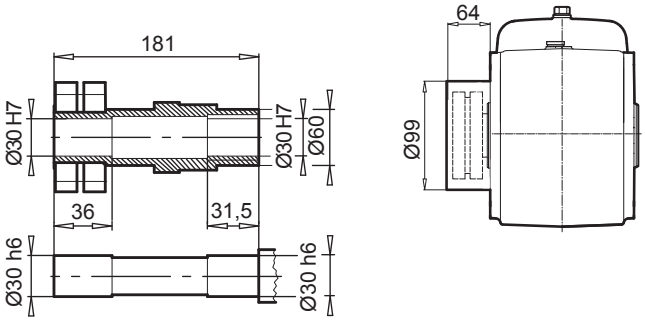
W ⇨📖E122

IEC ⇨📖E125

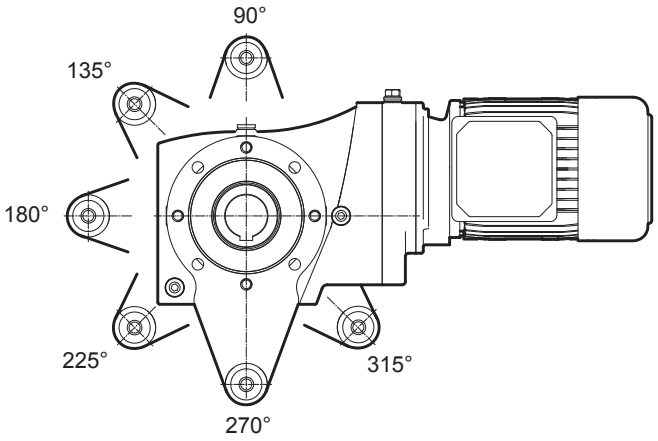
## SK 93372.1 A**B**

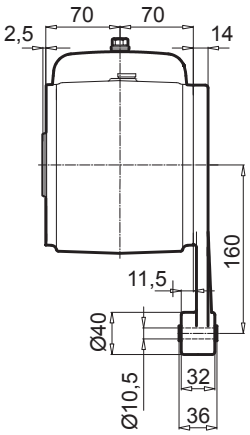


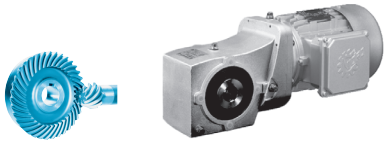

## SK 93372.1 A**SH**



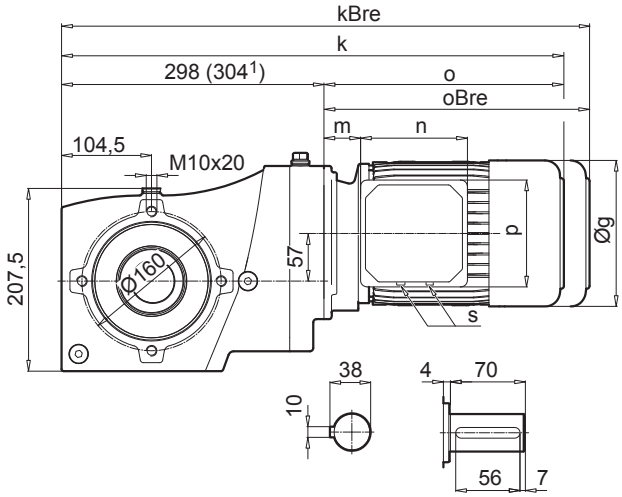

## SK 93372.1 A**D**

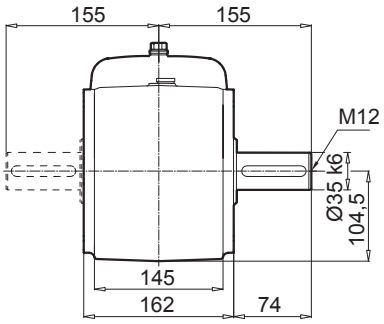


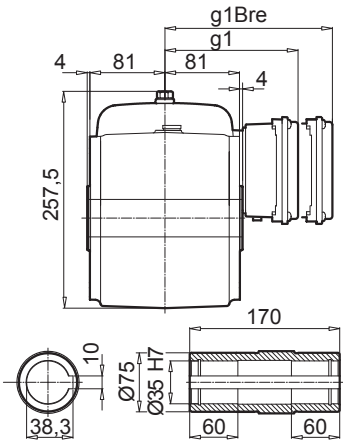


## SK 93672.1 V

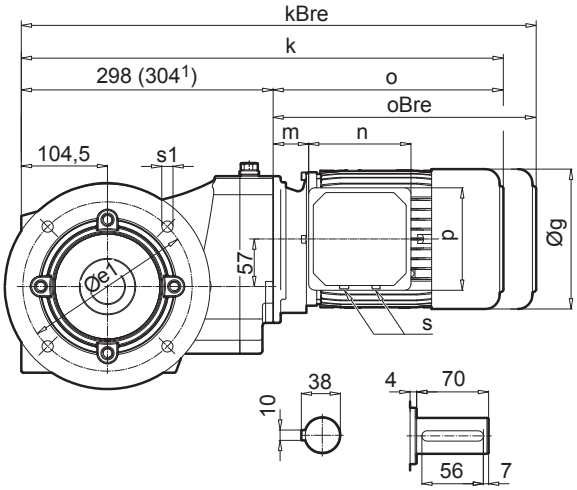


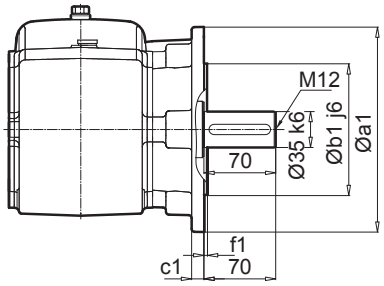




## SK 93672.1 A

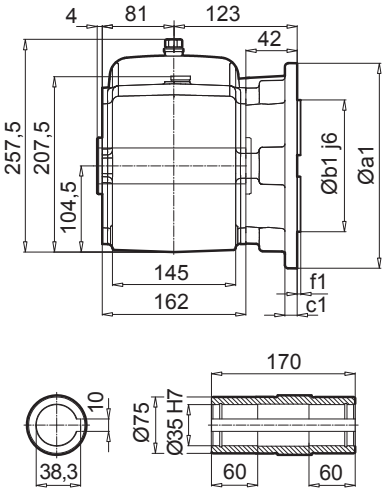



## SK 93672.1AF



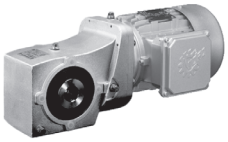




## SK 93672.1 VF

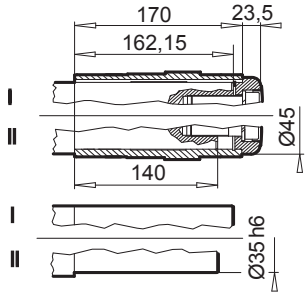



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 3,5 | 9 |
| 200 | 130 | 12 | 165 | 3,5 | 11,4 |

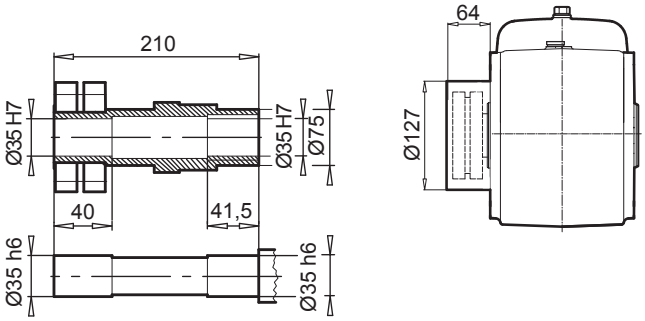
| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP[1)] | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | |
| k / kBre | 534 / 592 | 559 / 623 | 559 / 623 | 600 / 675 | 630 / 721 | 678 / 771 | 733 / 840 | |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | 435 / 542 | W ⇨📖E122 |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | IEC ⇨📖E126 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | |
| s | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | |



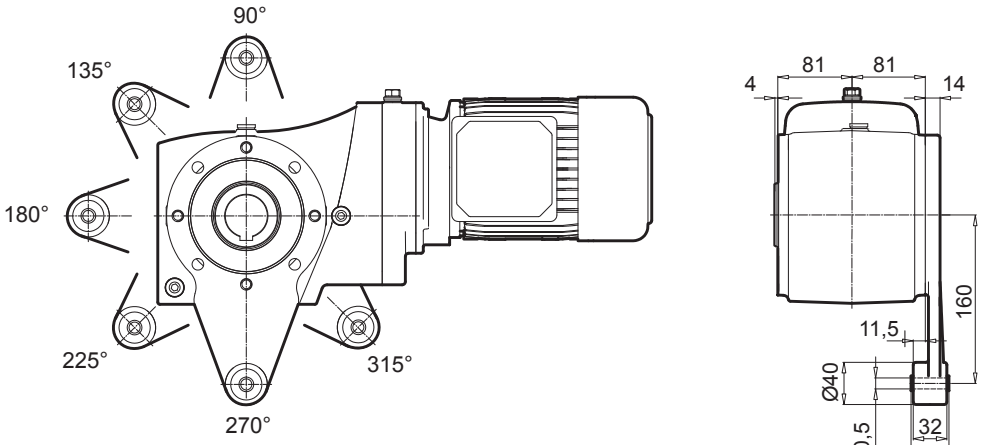
## SK 93672.1 A**B**

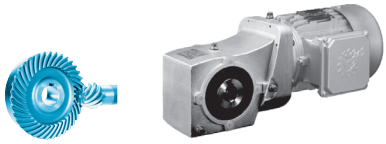



## SK 93672.1 A**SH**

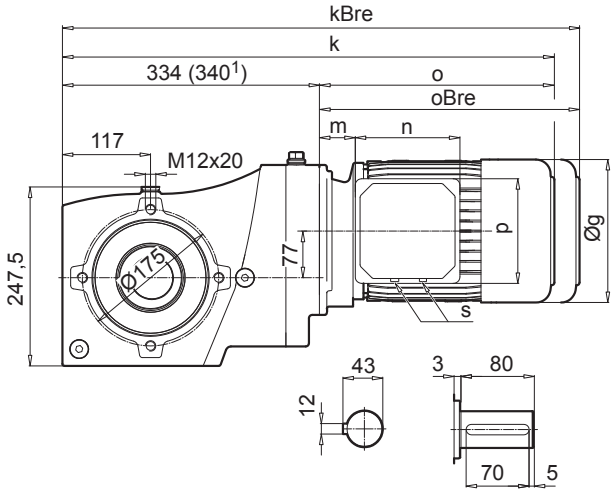


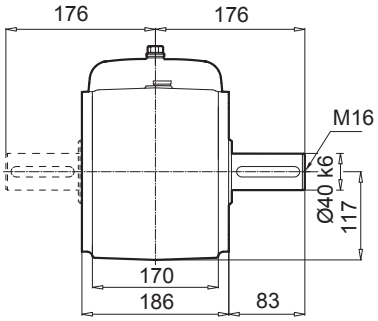

## SK 93672.1 A**D**



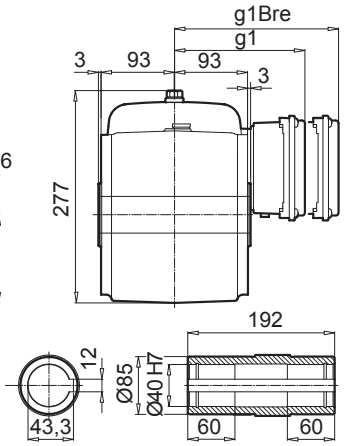


## SK 93772.1 V

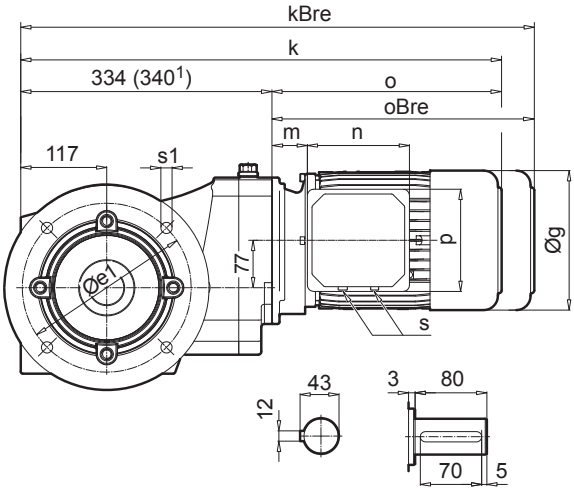


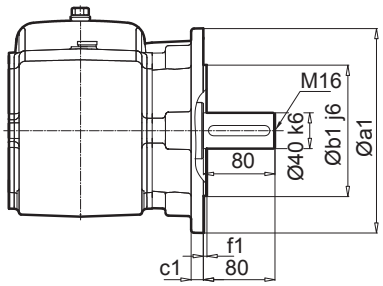




## SK 93772.1 A

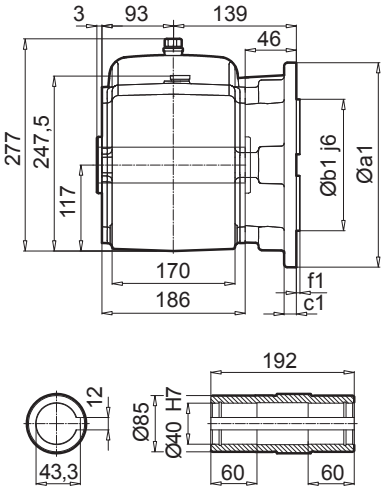



## SK 93772.1VF



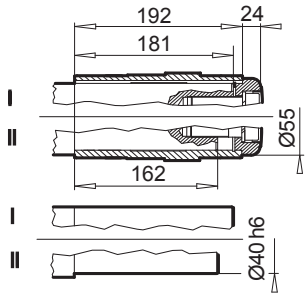

## SK 93772.1 AF



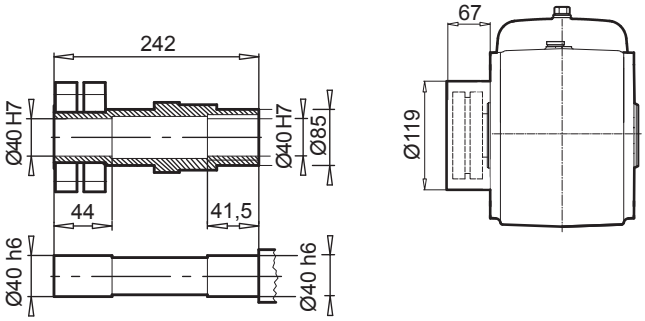

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 13,5 |

| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/ AP | 112 MP | 132 SP/MP[1)] | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | |
| k / kBre | 570 / 628 | 595 / 659 | 595 / 659 | 636 / 711 | 666 / 757 | 714 / 807 | 775 / 882 | W ⇨📖E122 |
| o / oBre | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | 435 / 542 | |
| m / mBre | 42 / 49 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 64 / 67 | 71 / 62 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | IEC ⇨📖E127 |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | |
| s | M20 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | M25 x 1,5 | |

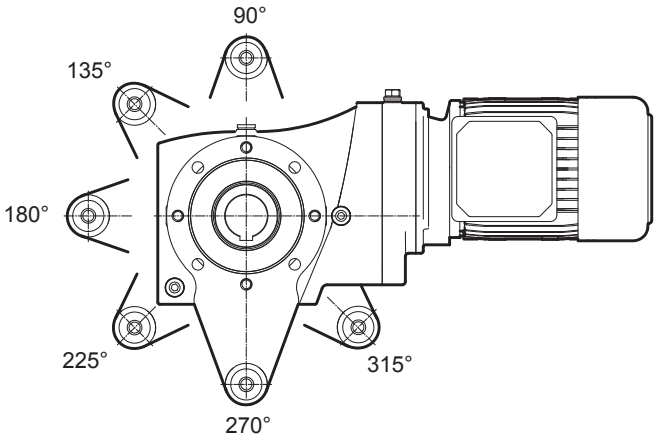
## SK 93772.1 A**B**

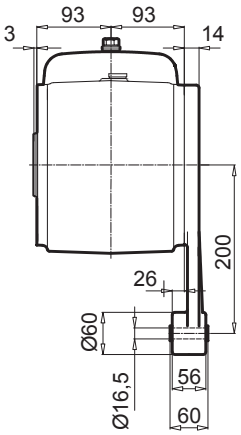



## SK 93772.1 A**SH**

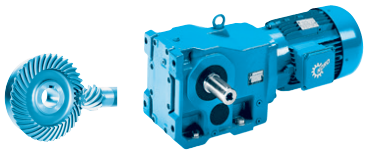



## SK 93772.1 A**D**

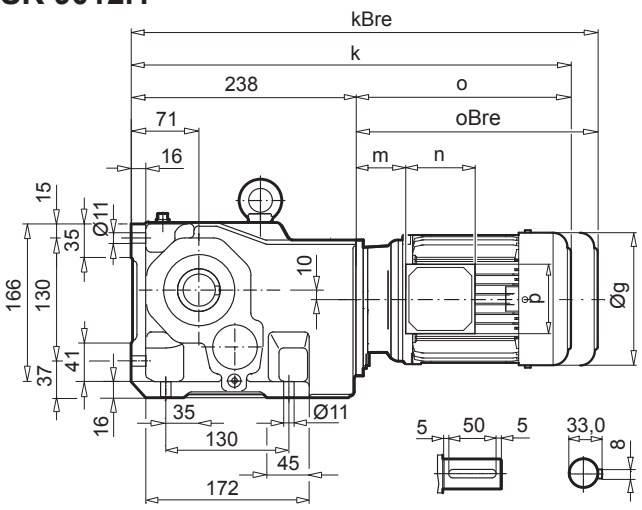


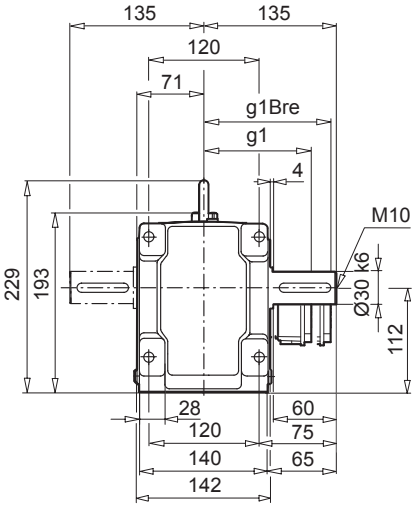



# SK 9012.1

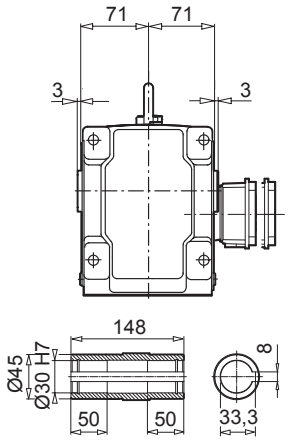


## SK 9012.1

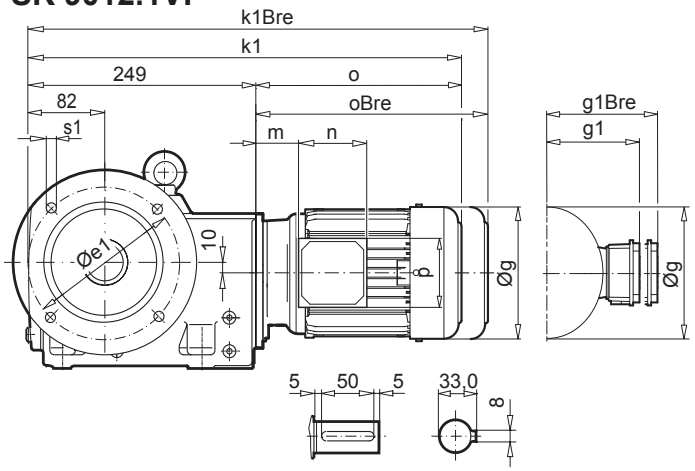


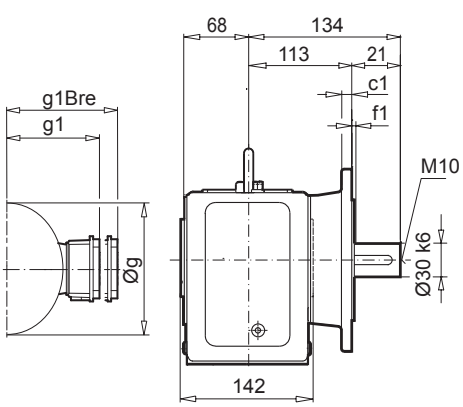




## SK 9012.1AX

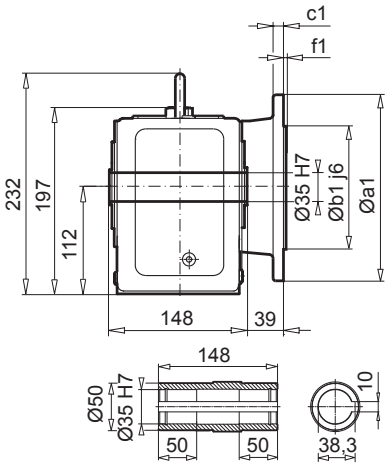



## SK 9012.1VF



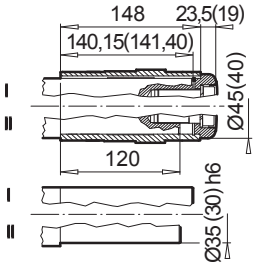




## SK 9012.1AF



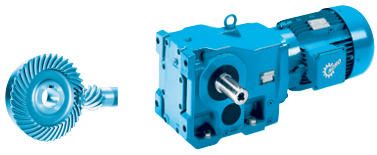

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 9012.1AF**B** (AX**B**)

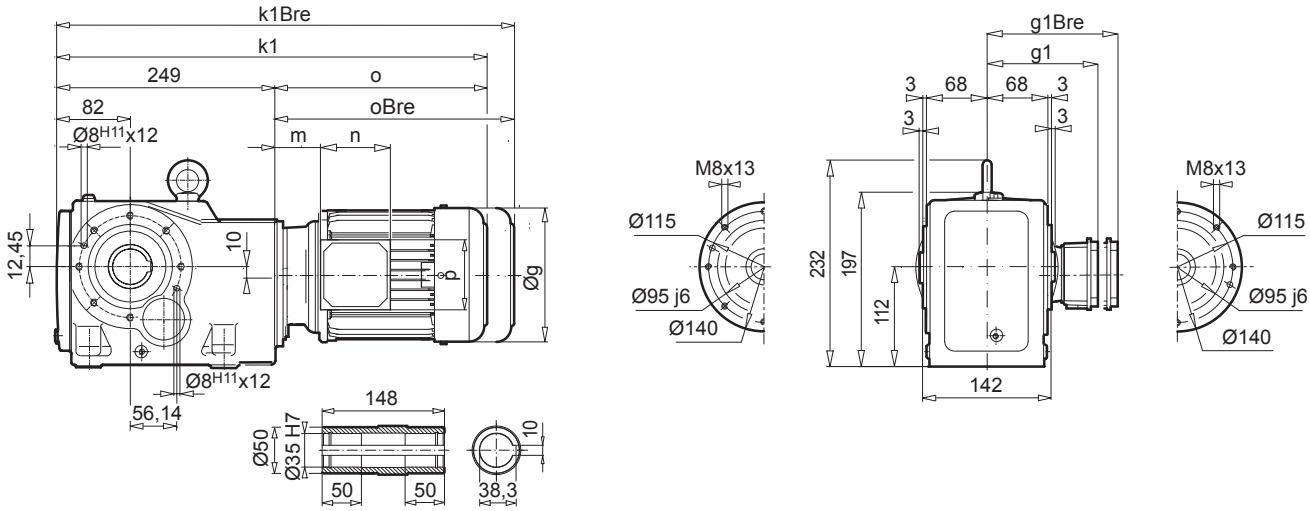



| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LH | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| **k / kBre** | 434 / 490 | 474 / 532 | 499 / 563 | 499 / 563 | 540 / 615 | 570 / 661 | 618 / 711 |
| **k1 / k1Bre** | 445 / 501 | 485 / 543 | 510 / 574 | 510 / 574 | 551 / 626 | 581 / 672 | 629 / 722 |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

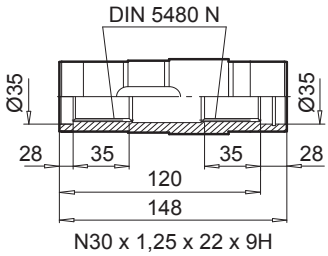
🕮 E128



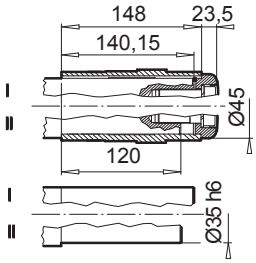
## SK 9012.1AZ



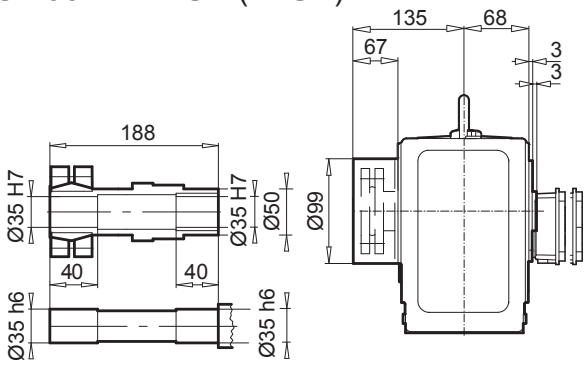

### SK 9012.1AZ**EA**



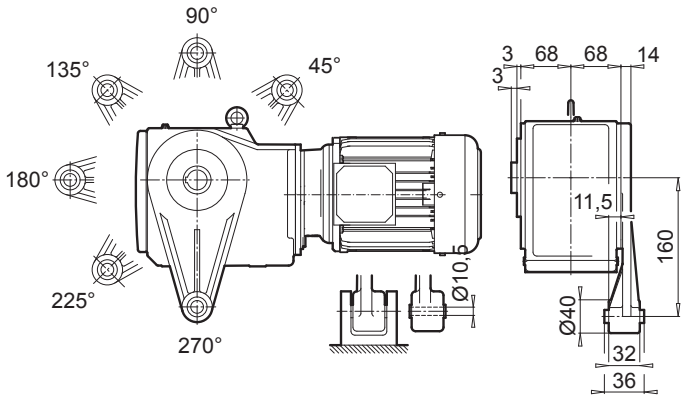

### SK 9012.1AZ**B** (AF**B**)



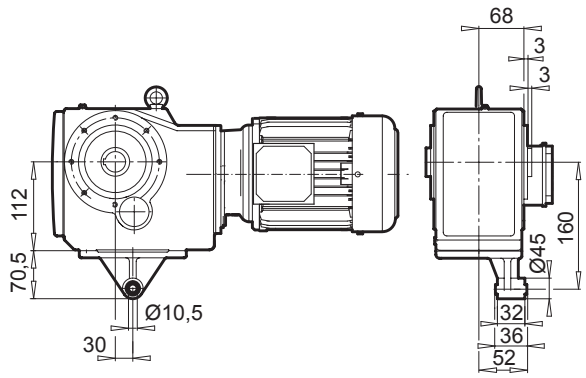

### SK 9012.1AZ**SH** (AF**SH**)




### SK 9012.1AZ**D**

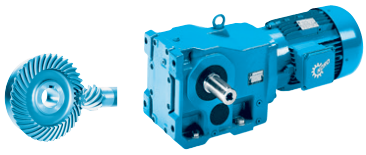



### SK 9012.1AZ**K**

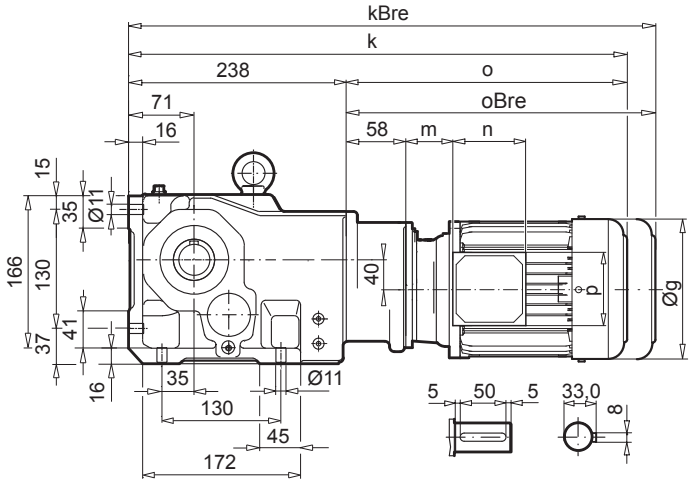


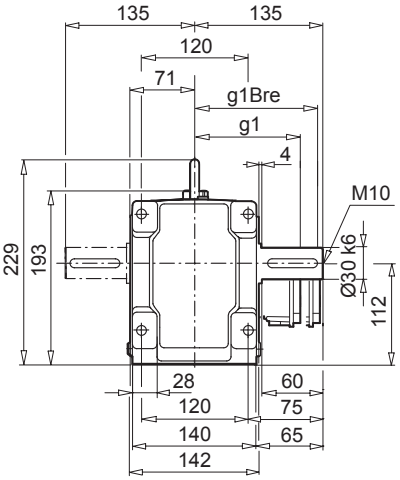

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| **k1 / k1Bre** | 445 / 501 | 485 / 543 | 510 / 574 | 510 / 574 | 551 / 626 | 581 / 672 | 629 / 722 |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 E128

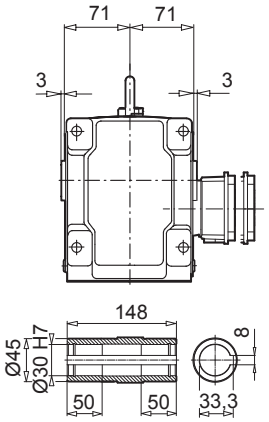


## SK 9013.1

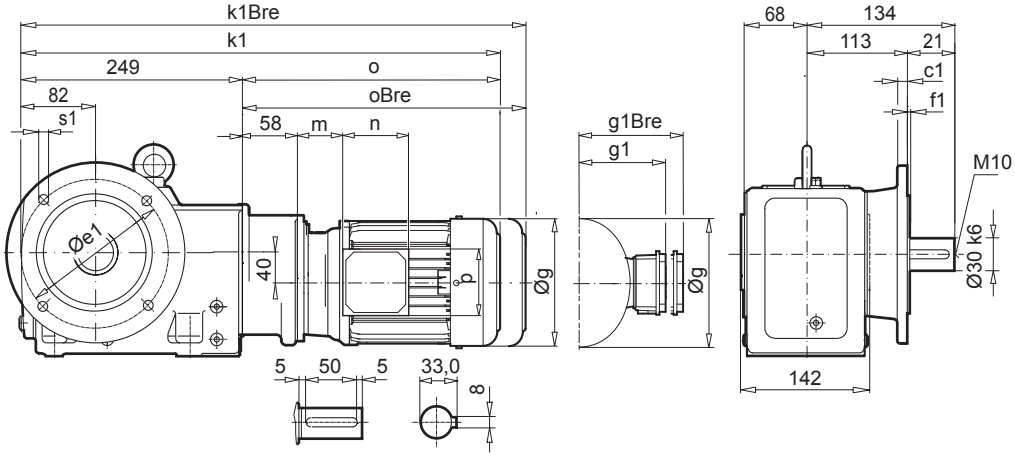


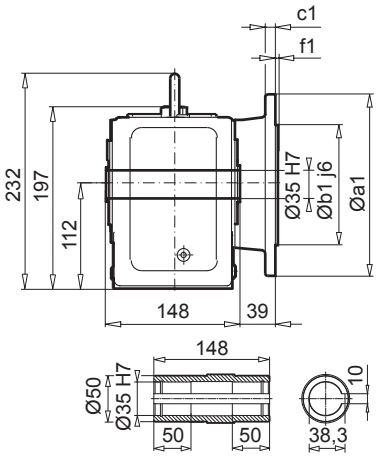

## SK 9013.1AX




## SK 9013.1VF

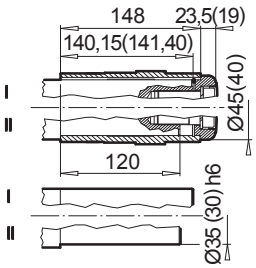



## SK 9013.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

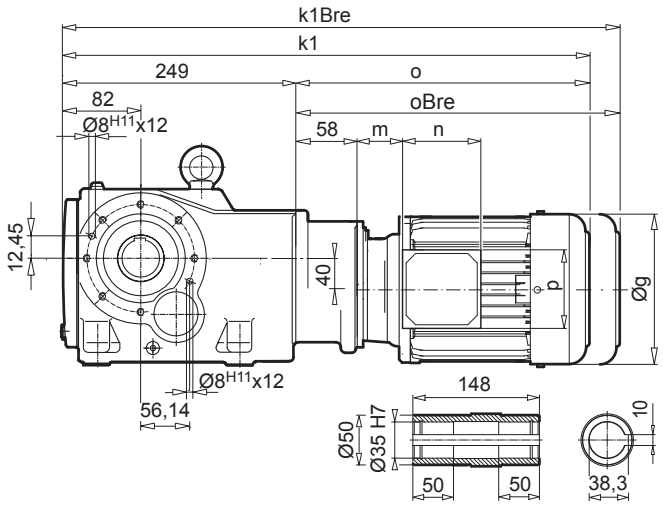
## SK 9013.1AF**B** (AX**B**)

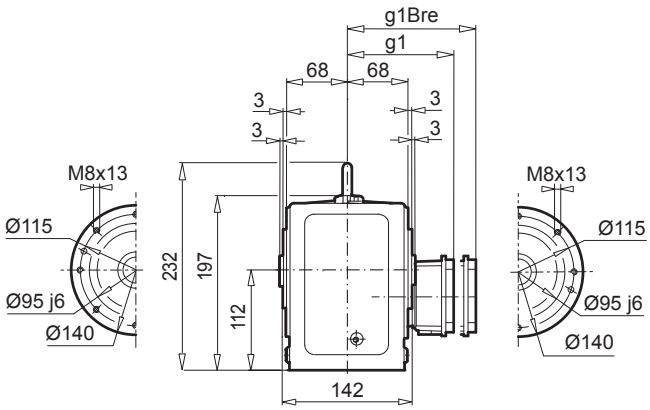



| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k / kBre** | 492 / 548 | 532 / 590 | | | | | |
| **k1 / k1Bre** | 503 / 559 | 543 / 601 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

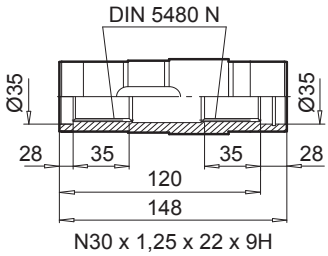
🕮 E128

## SK 9013.1AZ

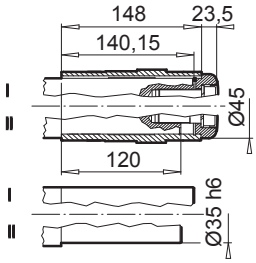


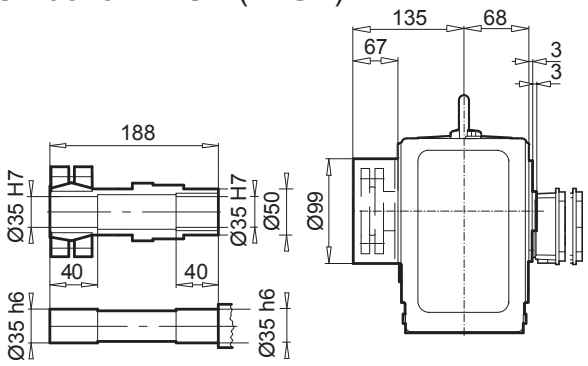

### SK 9013.1AZ**EA**



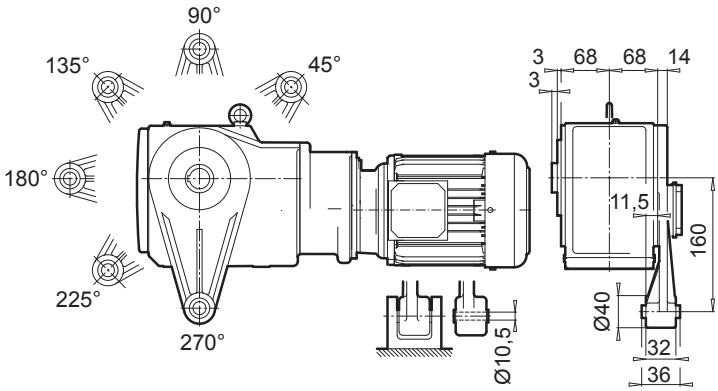

### SK 9013.1AZ**B** (AF**B**)



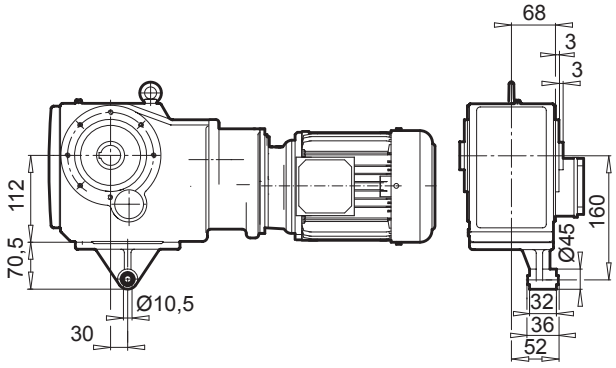

### SK 9013.1AZ**SH** (AF**SH**)




### SK 9013.1AZ**D**

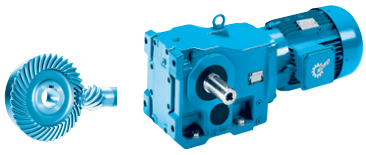



### SK 9013.1AZ**K**

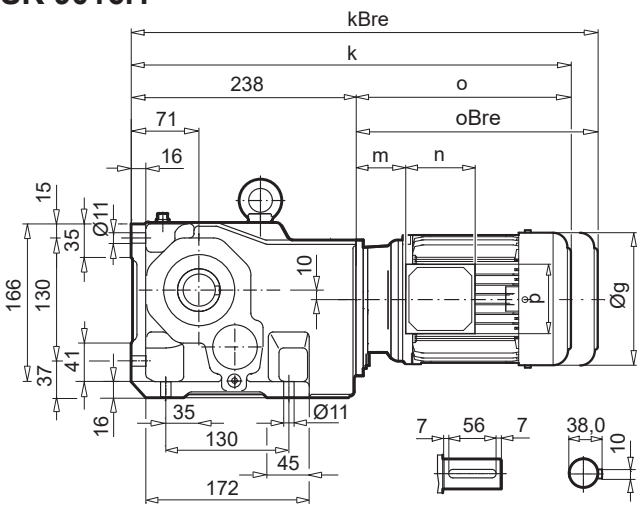


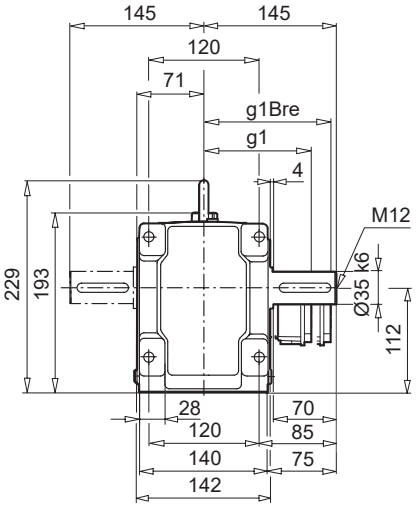

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k1 / k1Bre** | 503 / 559 | 543 / 601 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

🕮 E128

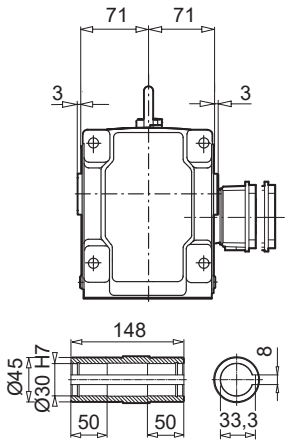


## SK 9016.1

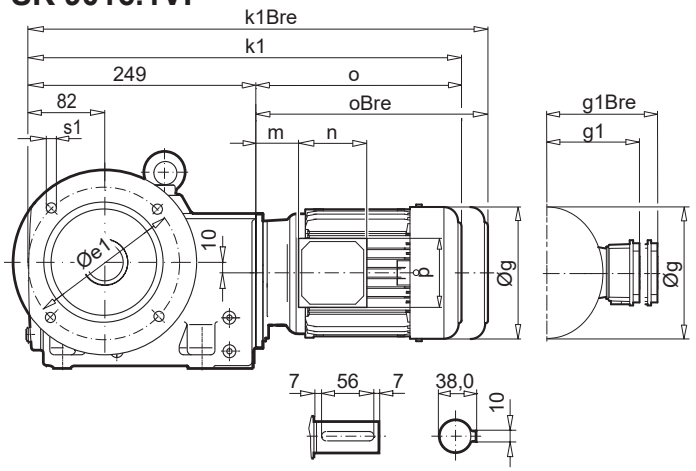


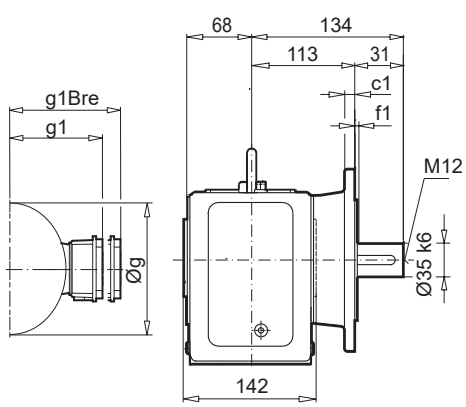




## SK 9016.1AX

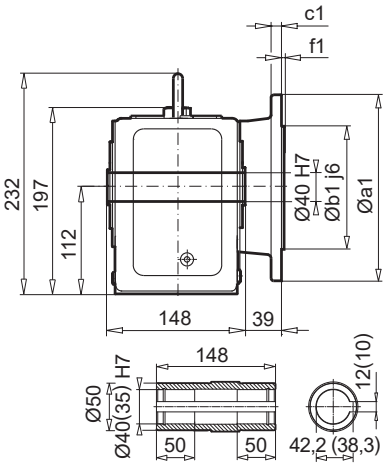



## SK 9016.1VF



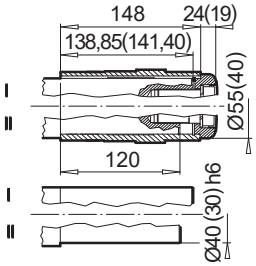




## SK 9016.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

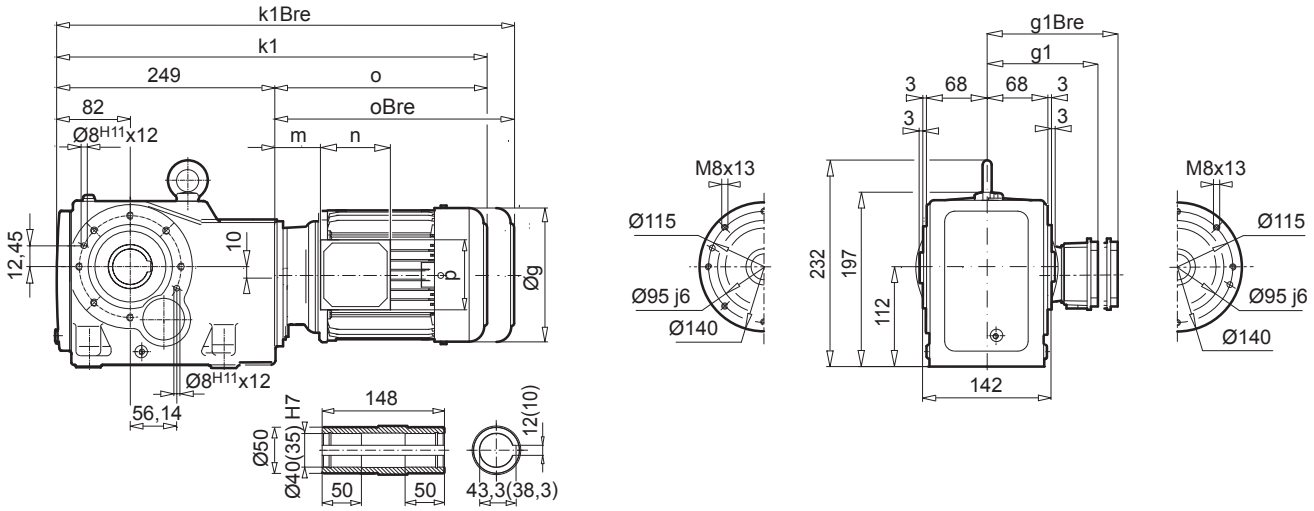
## SK 9016.1AF**B** (AX**B**)



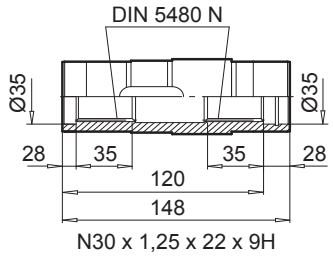

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| **k / kBre** | 434 / 490 | 474 / 532 | 499 / 563 | 499 / 563 | 540 / 615 | 570 / 661 | 618 / 711 |
| **k1 / k1Bre** | 445 / 501 | 485 / 543 | 510 / 574 | 510 / 574 | 551 / 626 | 581 / 672 | 629 / 722 |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 E128

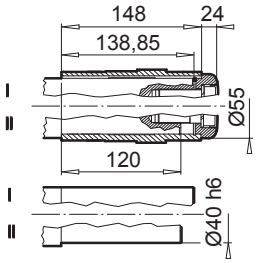
## SK 9016.1AZ



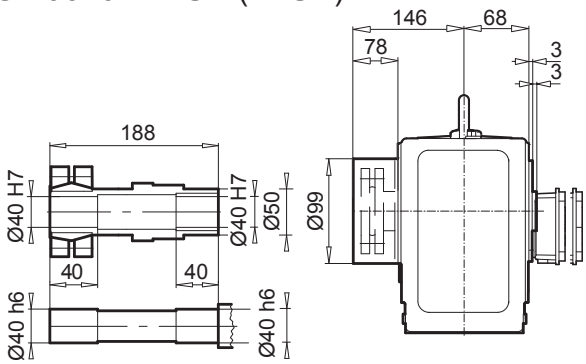

### SK 9016.1AZ**EA**



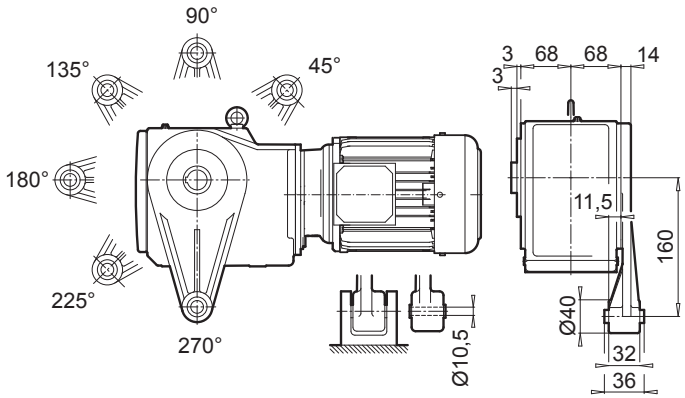

### SK 9016.1AZ**B** (AF**B**)



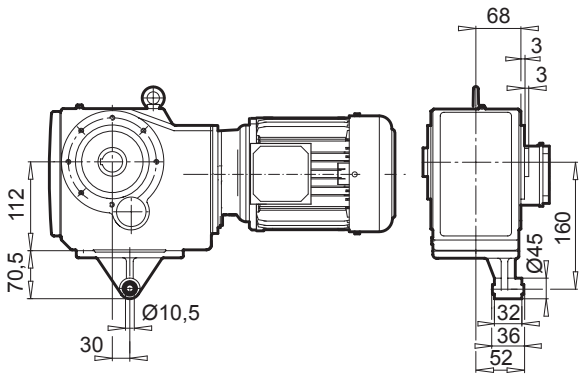

### SK 9016.1AZ**SH** (AF**SH**)




### SK 9016.1AZ**D**

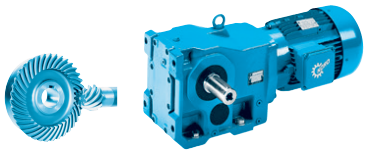



### SK 9016.1AZ**K**

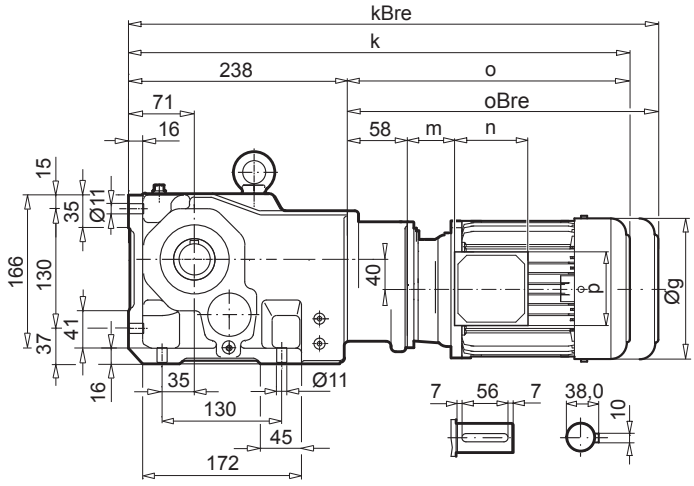


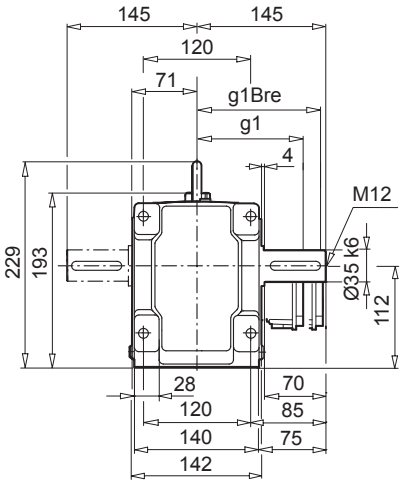

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | 201 | 228 |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 |
| **k1 / k1Bre** | 445 / 501 | 485 / 543 | 510 / 574 | 510 / 574 | 551 / 626 | 581 / 672 | 629 / 722 |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 |

🕮 E128

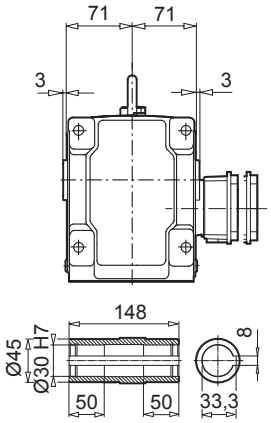


## SK 9017.1

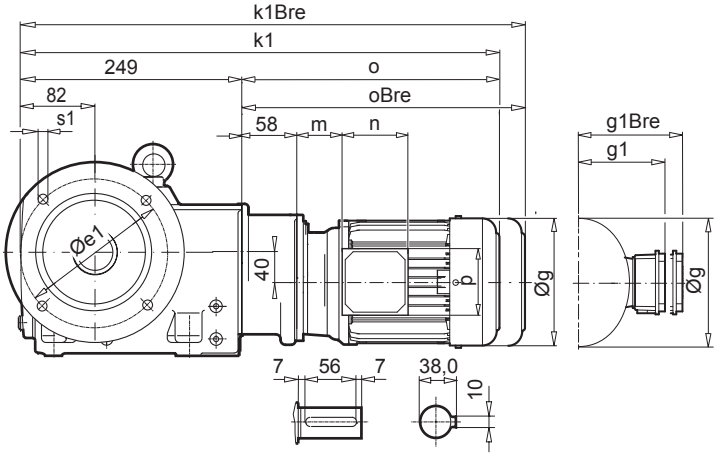


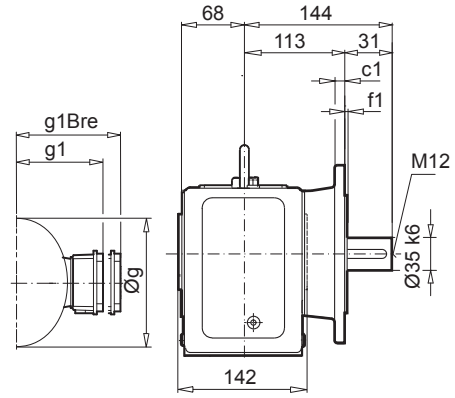




## SK 9017.1AX

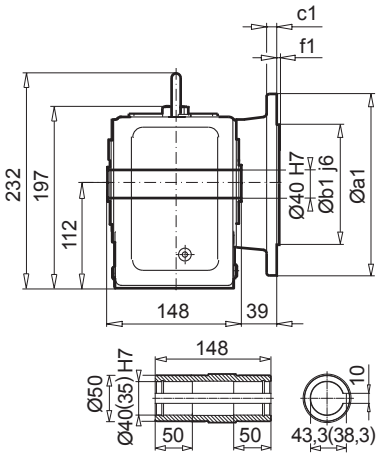



## SK 9017.1VF



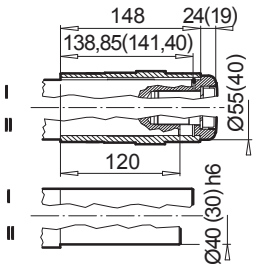




## SK 9017.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

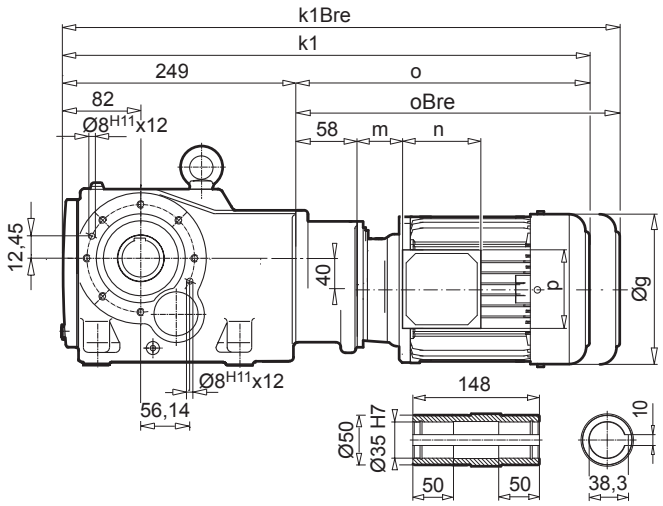
## SK 9017.1AF**B** (AX**B**)

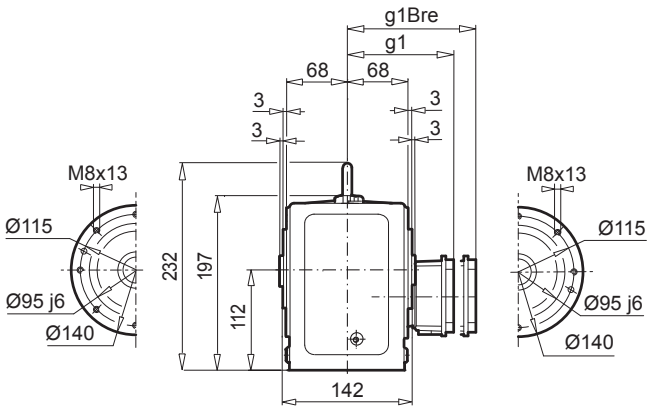



| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k / kBre** | 492 / 548 | 532 / 590 | | | | | |
| **k1 / k1Bre** | 503 / 559 | 543 / 601 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

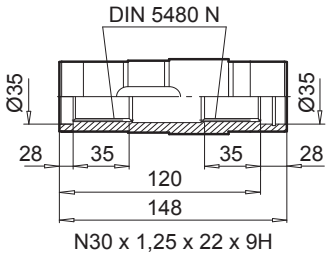
🕮 E128

## SK 9017.1AZ

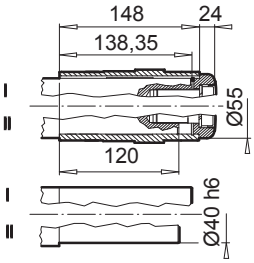


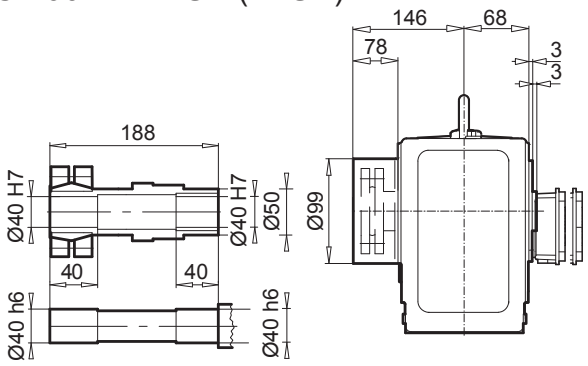

### SK 9017.1AZ**EA**



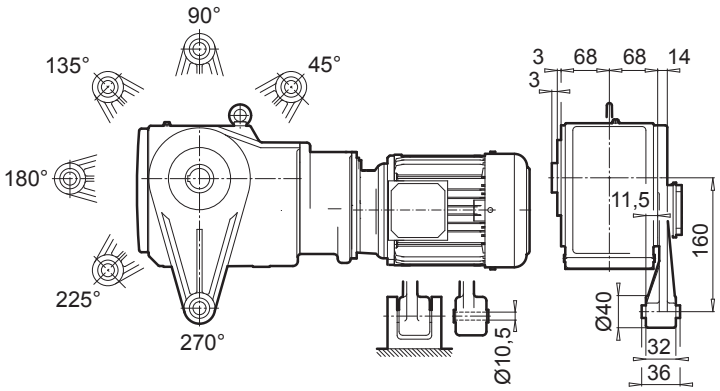

### SK 9017.1AZ**B** (AF**B**)



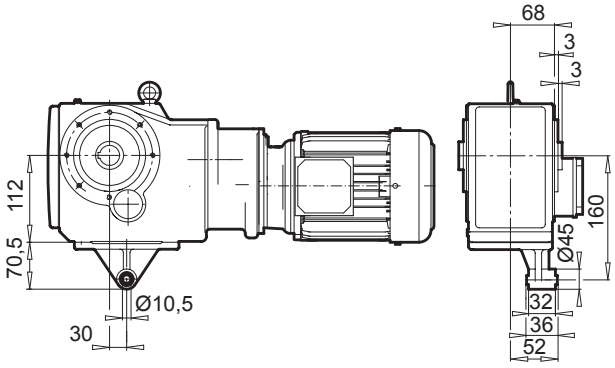

### SK 9017.1AZ**SH** (AF**SH**)




### SK 9017.1AZ**D**

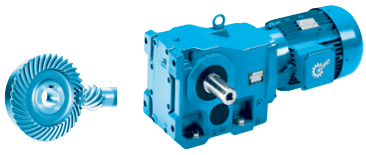



### SK 9017.1AZ**K**

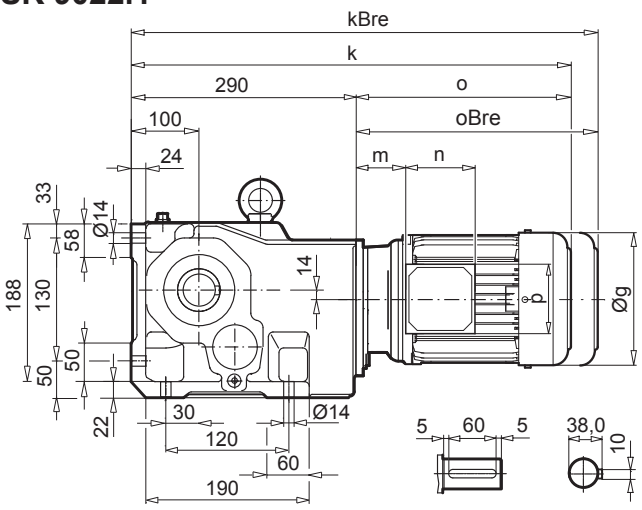


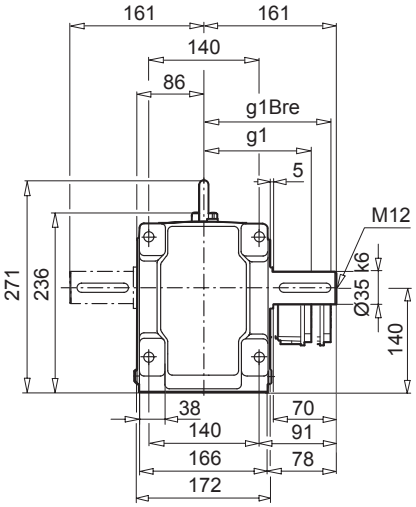

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k1 / k1Bre** | 503 / 559 | 543 / 601 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

🕮 E128

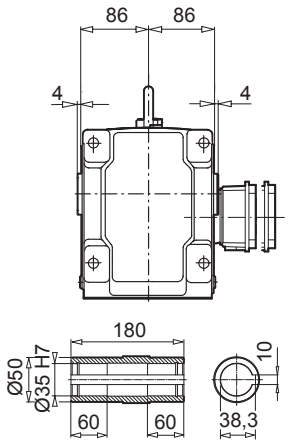


## SK 9022.1

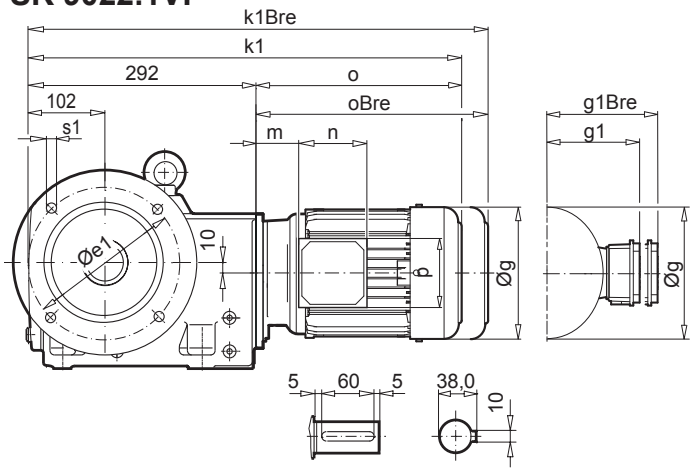


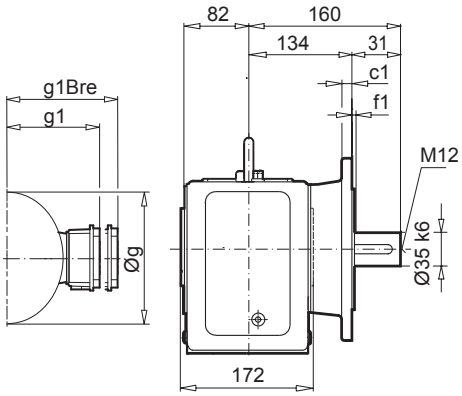




## SK 9022.1AX

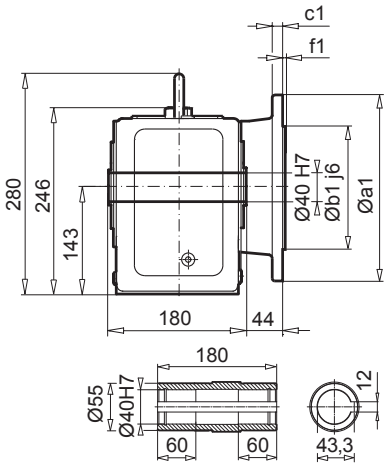



## SK 9022.1VF



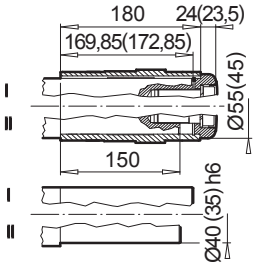




## SK 9022.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 4 x 14 |

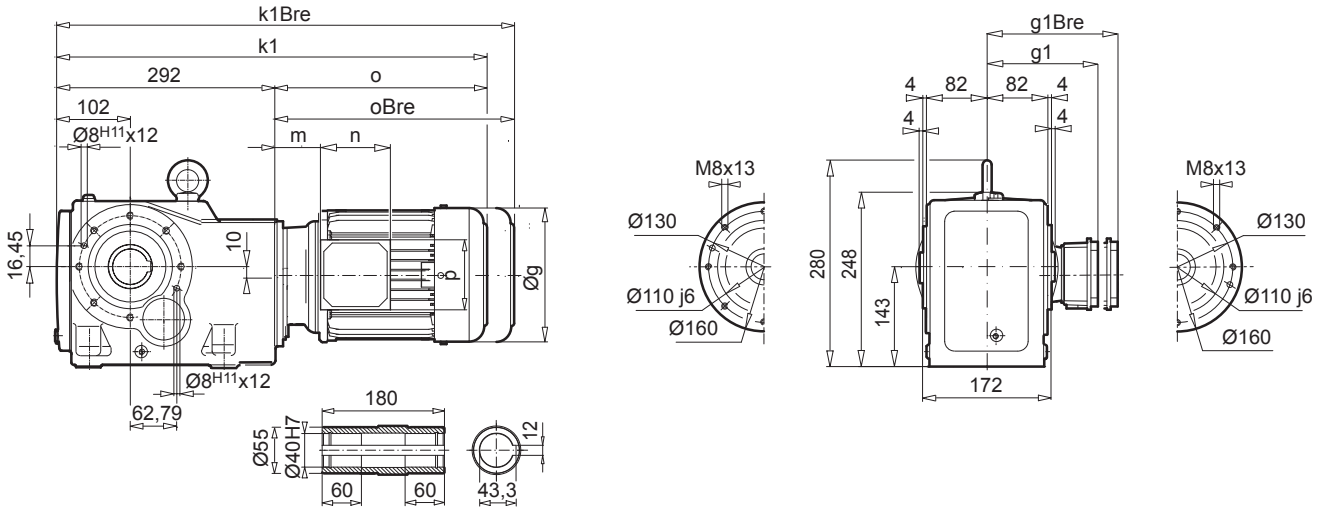
## SK 9022.1AF**B** (AX**B**)



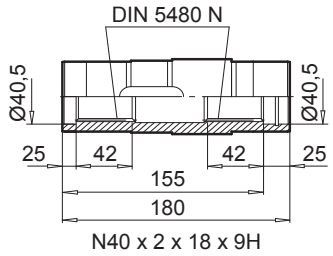

| ⇨ 🕮 A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| **k / kBre** | 526 / 584 | 551 / 615 | 551 / 615 | 592 / 667 | 622 / 713 | 670 / 763 | |
| **k1 / k1Bre** | 528 / 586 | 553 / 617 | 553 / 617 | 594 / 669 | 624 / 715 | 672 / 765 | |
| **o / oBre** | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | |
| **m / mBre** | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 E128

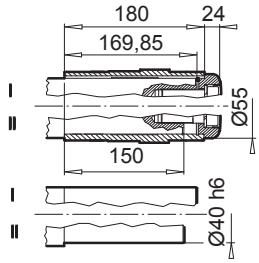
## SK 9022.1AZ



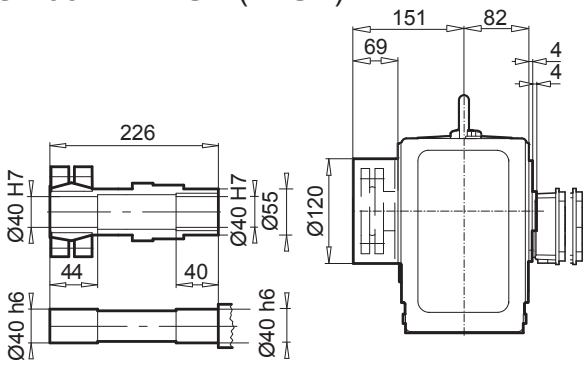

### SK 9022.1AZ**EA**



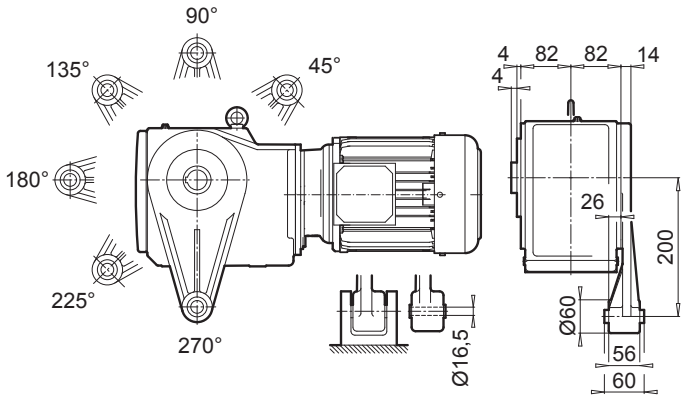

### SK 9022.1AZ**B** (AF**B**)



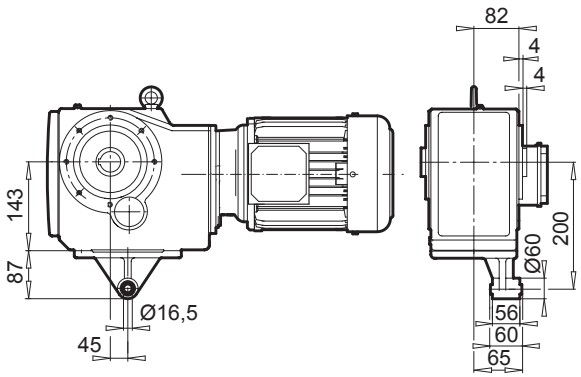

### SK 9022.1AZ**SH** (AF**SH**)




### SK 9022.1AZ**D**

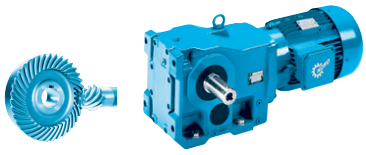



### SK 9022.1AZ**K**

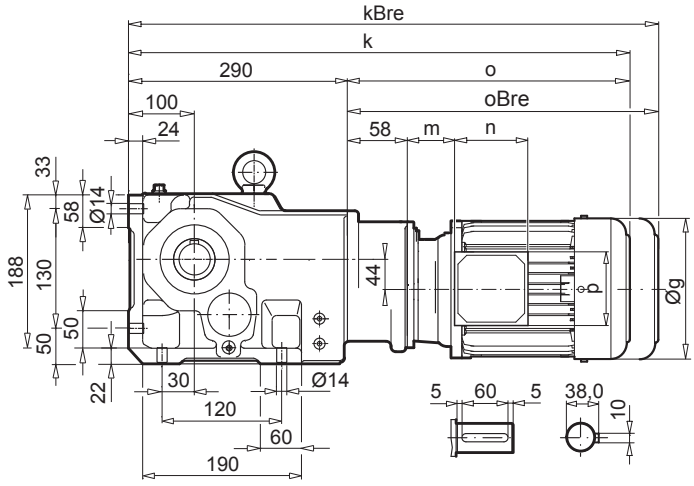


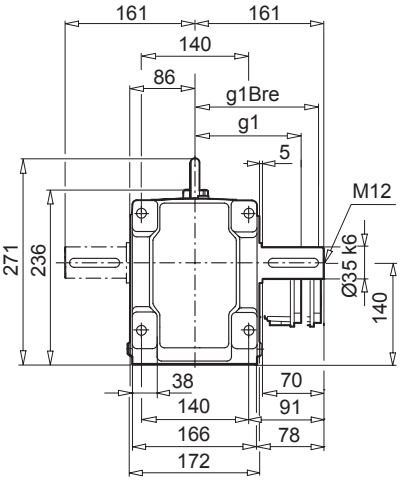

| ⇨ 🕮 A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| **k1 / k1Bre** | 528 / 586 | 553 / 617 | 553 / 617 | 594 / 669 | 624 / 715 | 672 / 765 | |
| **o / oBre** | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | |
| **m / mBre** | 42 / 48 | 47 / 50 | 47 / 50 | 52 / 56 | 58 / 62 | 64 / 67 | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 E128

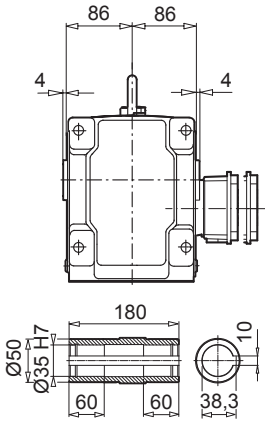


## SK 9023.1

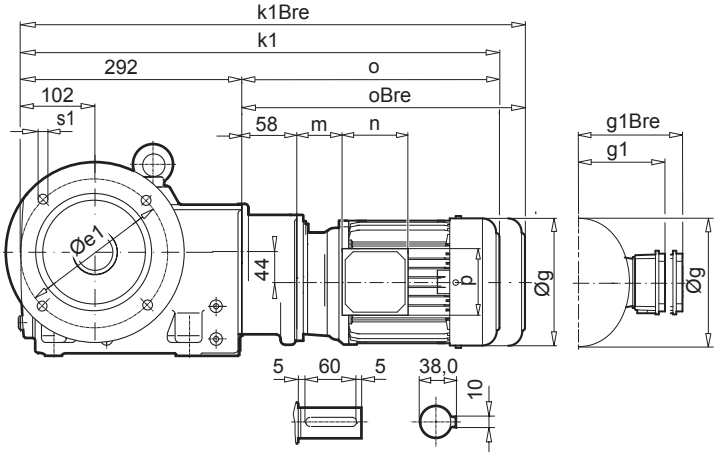


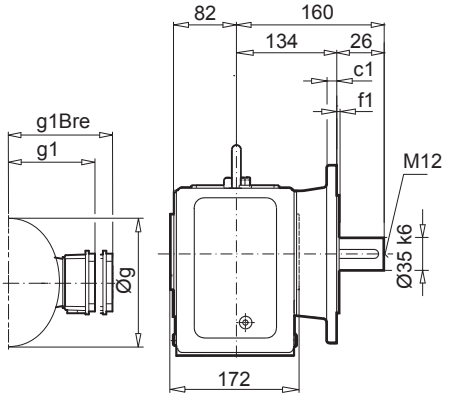




## SK 9023.1AX

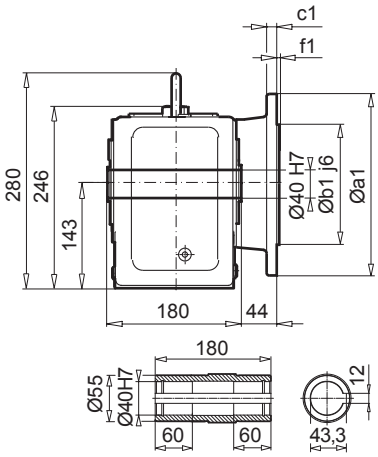



## SK 9023.1VF



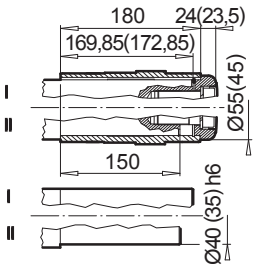




## SK 9023.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4 | 4 x 14 |

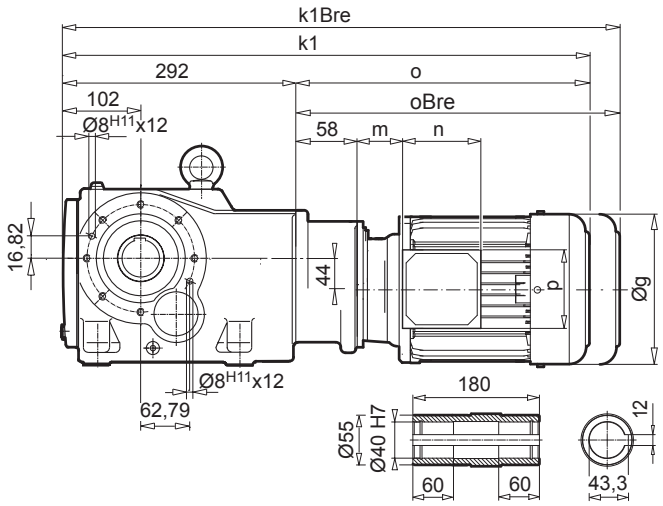
## SK 9023.1AF**B** (AX**B**)

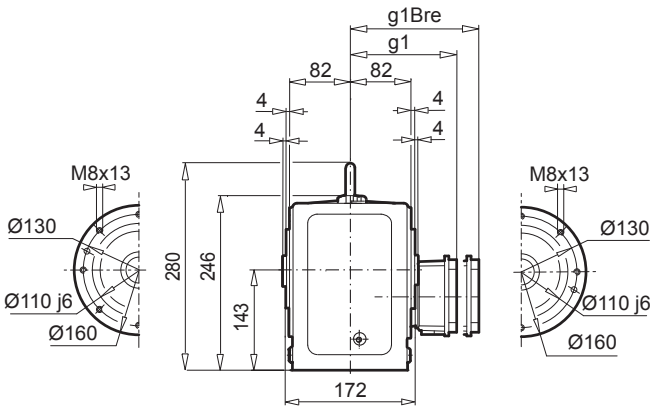



| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k / kBre** | 544 / 600 | 584 / 642 | | | | | |
| **k1 / k1Bre** | 546 / 602 | 586 / 644 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

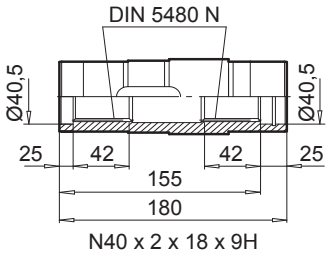
🕮 E128

## SK 9023.1AZ

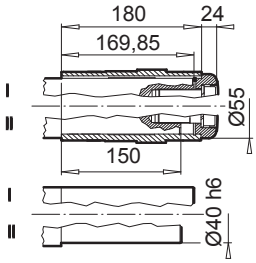


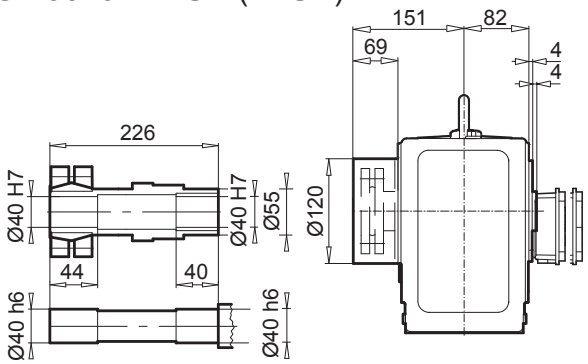

### SK 9023.1AZ**EA**



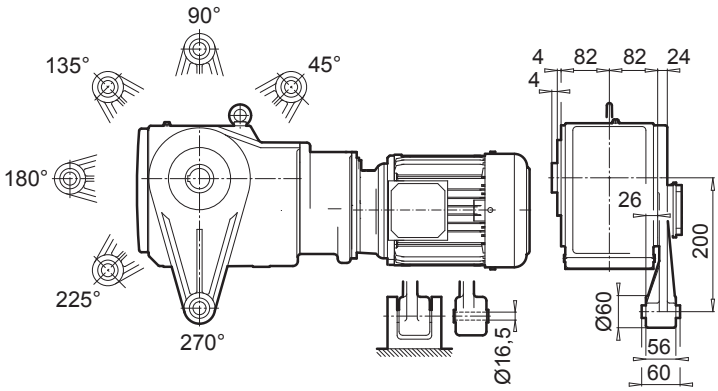

### SK 9023.1AZ**B** (AF**B**)



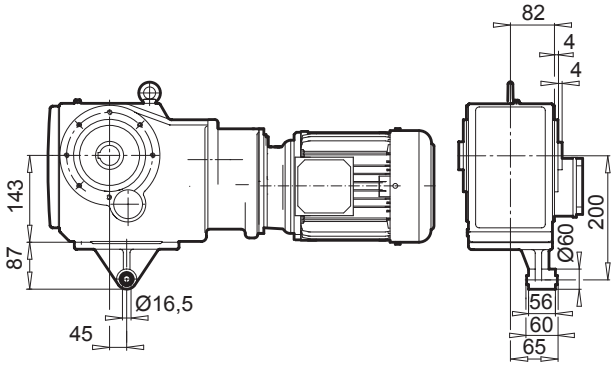

### SK 9023.1AZ**SH** (AF**SH**)




### SK 9023.1AZ**D**



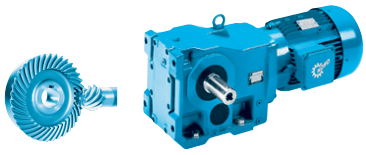

### SK 9023.1AZ**K**



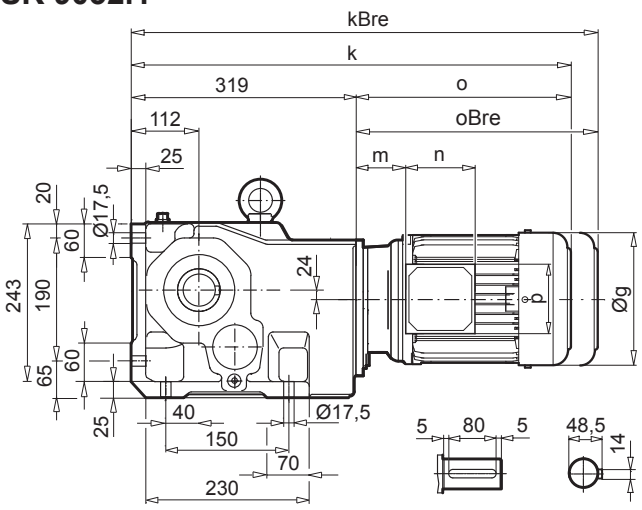

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | | | | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | | | | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | | | | | |
| **k1 / k1Bre** | 546 / 602 | 586 / 644 | | | | | |
| **o / oBre** | 196 / 252 | 236 / 294 | | | | | |
| **m / mBre** | 16 / 22 | 42 / 48 | | | | | |
| **n / nBre** | 100 / 134 | 100 / 134 | | | | | |
| **p / pBre** | 100 / 89 | 100 / 89 | | | | | |

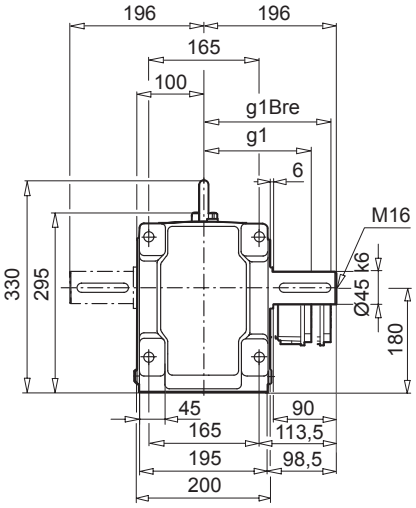
🕮 E128

Helical-bevel gear units

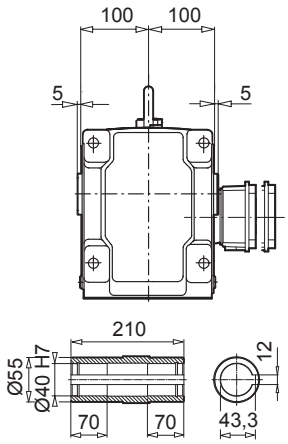


## SK 9032.1

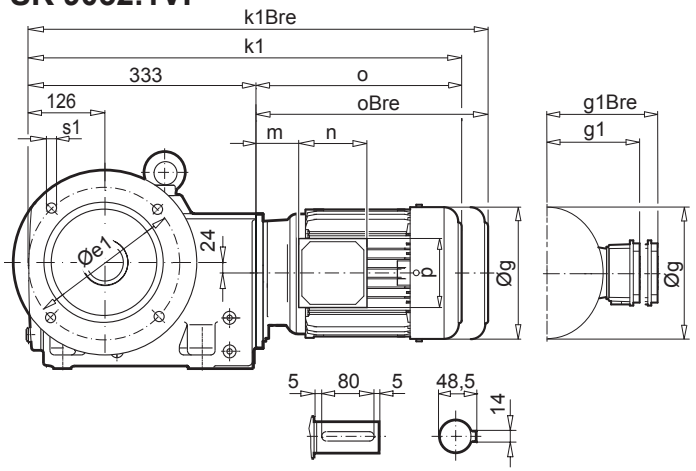


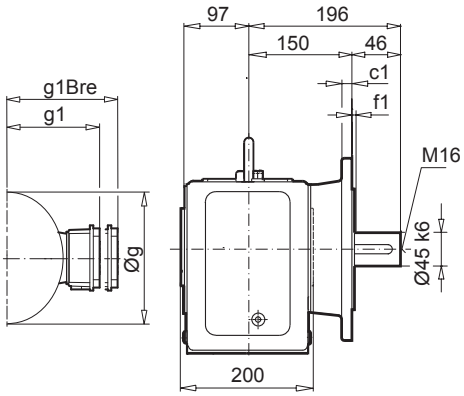




## SK 9032.1AX

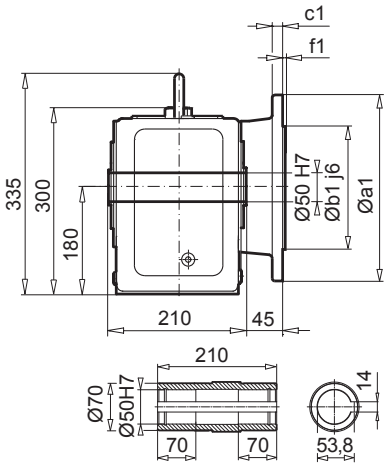



## SK 9032.1VF



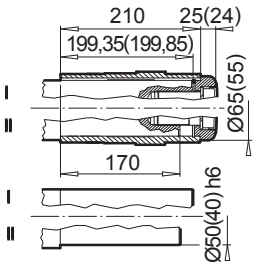




## SK 9032.1AF



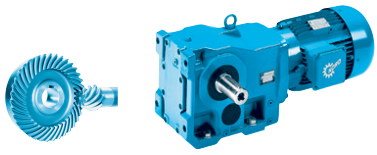

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 4 x 13,5 |
| 300 | 230 | 20 | 265 | 4 | 4 x 14 |

## SK 9032.1AF**B** (AX**B**)

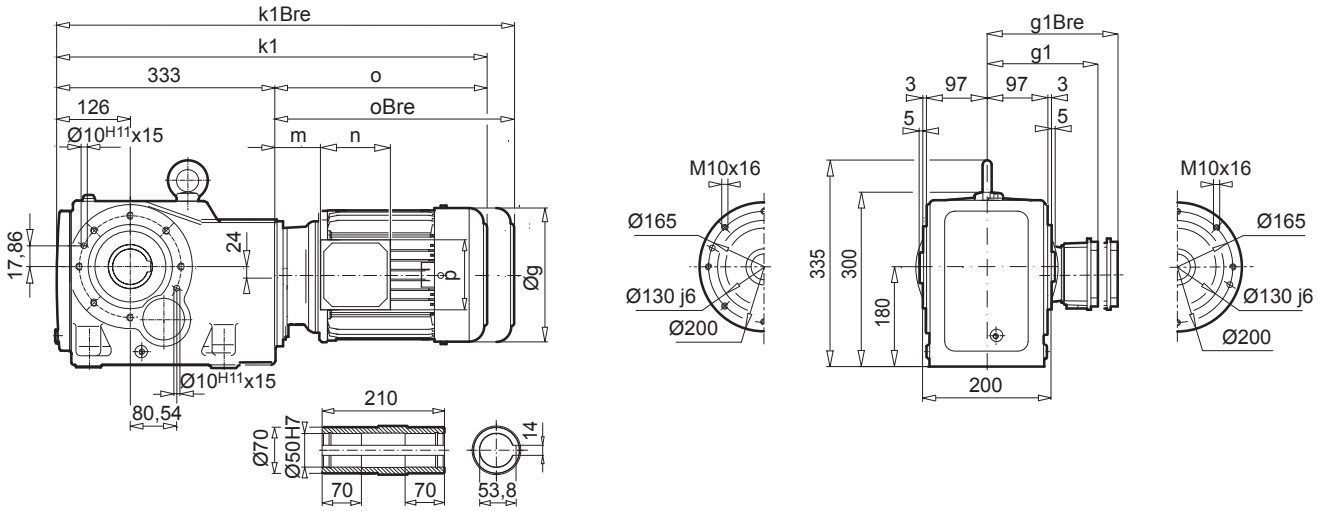



| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | 266 |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 |
| **k / kBre** | 549 / 607 | 574 / 638 | 574 / 638 | 615 / 690 | 645 / 736 | 693 / 786 | 754 / 861 |
| **k1 / k1Bre** | 563 / 621 | 588 / 652 | 588 / 652 | 629 / 704 | 659 / 750 | 707 / 800 | 768 / 875 |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 |

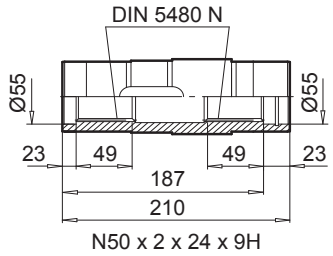
🕮 E129



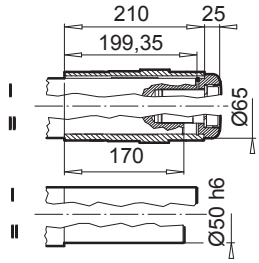
## SK 9032.1AZ



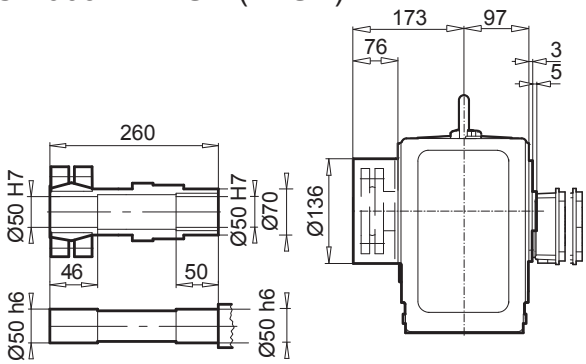

### SK 9032.1AZ**EA**



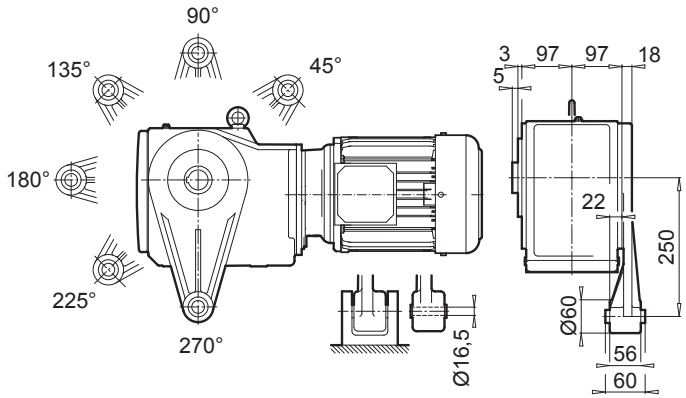

### SK 9032.1AZ**B** (AF**B**)



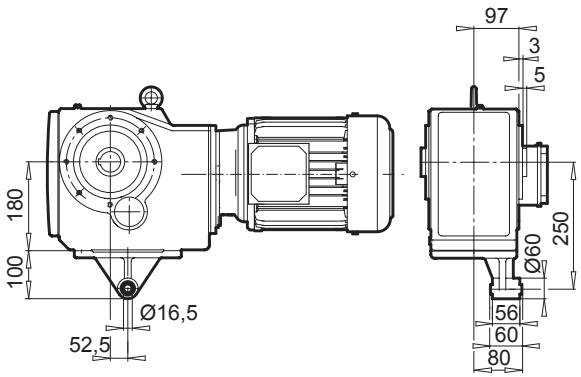

### SK 9032.1AZ**SH** (AF**SH**)




### SK 9032.1AZ**D**

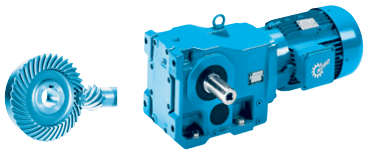



### SK 9032.1AZ**K**

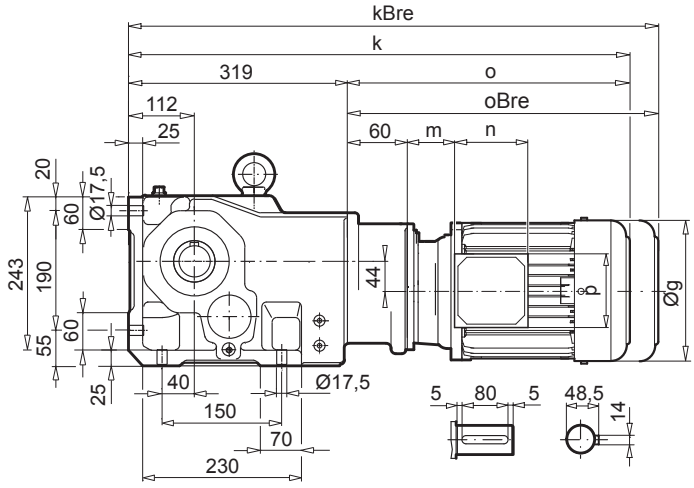


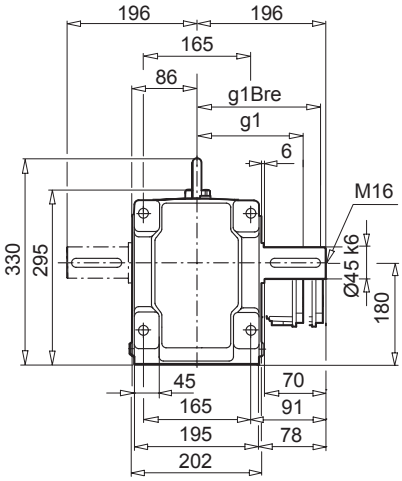

| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | |
|---|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | 266 | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | |
| **k1 / k1Bre** | 563 / 621 | 588 / 652 | 588 / 652 | 629 / 704 | 659 / 750 | 707 / 800 | 768 / 875 | |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 | |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 58 / 61 | 71 / 62 | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | |

🕮 E129

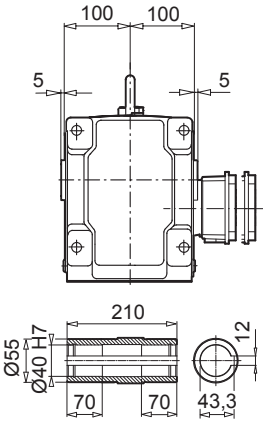


## SK 9033.1

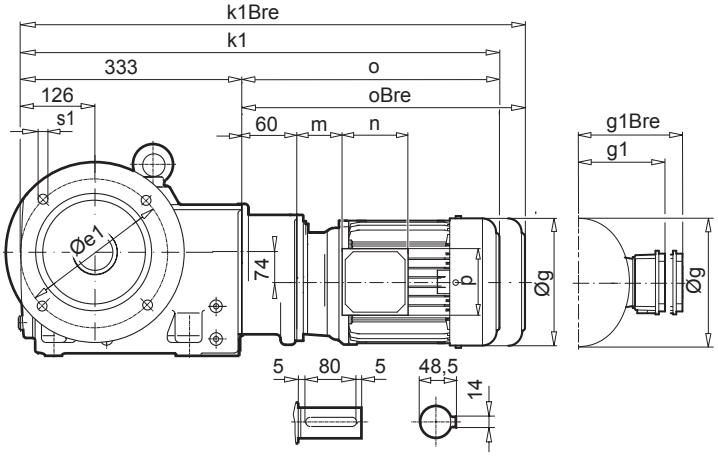


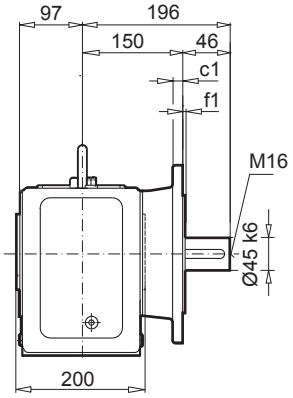




## SK 9033.1AX

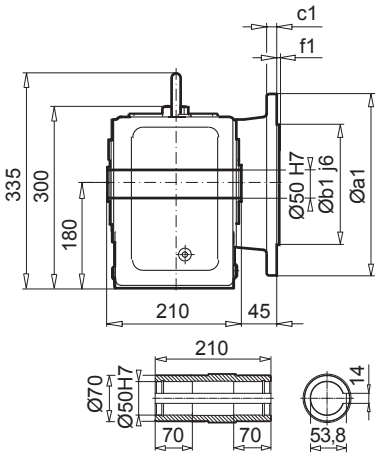



## SK 9033.1VF



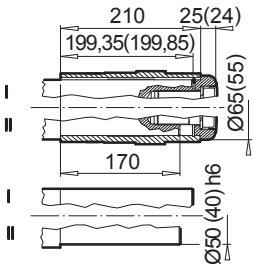




## SK 9033.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4 | 4 x 13,5 |
| 300 | 230 | 20 | 265 | 4 | 4 x 14 |

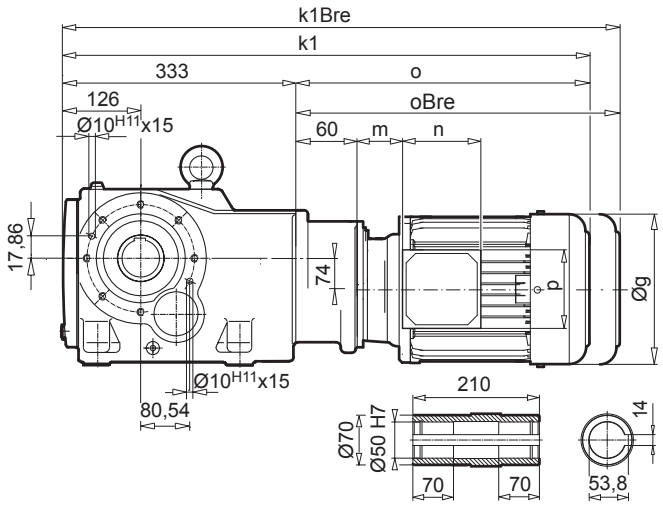
## SK 9033.1AF**B** (AX**B**)

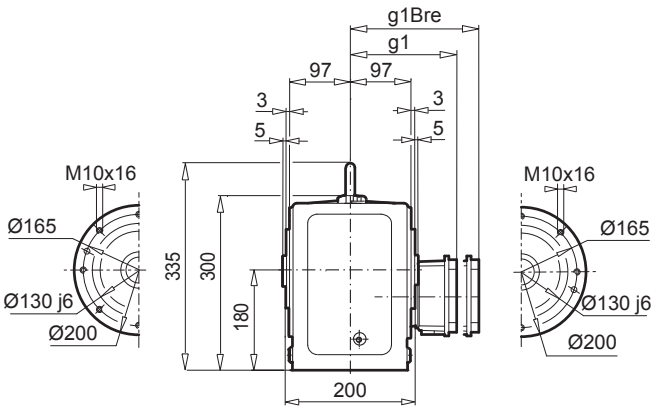



| ⇨ 📖 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| **k / kBre** | 575 / 631 | 615 / 673 | 640 / 704 | 640 / 704 | 681 / 756 | | |
| **k1 / k1Bre** | 589 / 645 | 629 / 687 | 654 / 718 | 654 / 718 | 695 / 770 | | |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 51 | 47 / 51 | 52 / 56 | | |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |

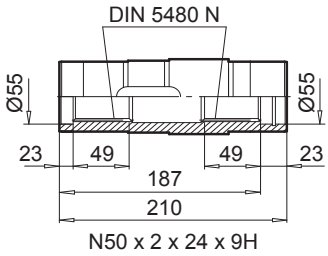
📖 E128

## SK 9033.1AZ

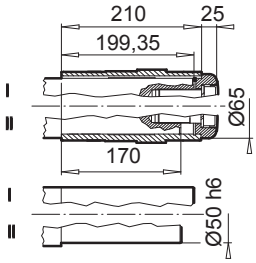


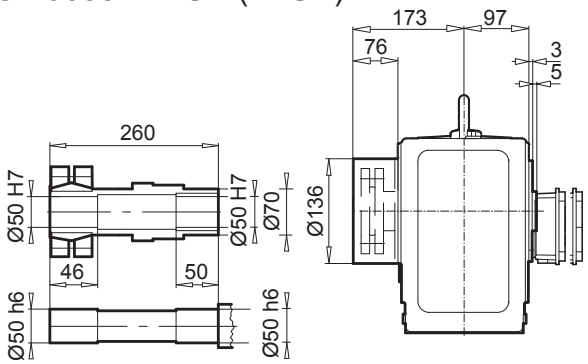

## SK 9033.1AZ**EA**



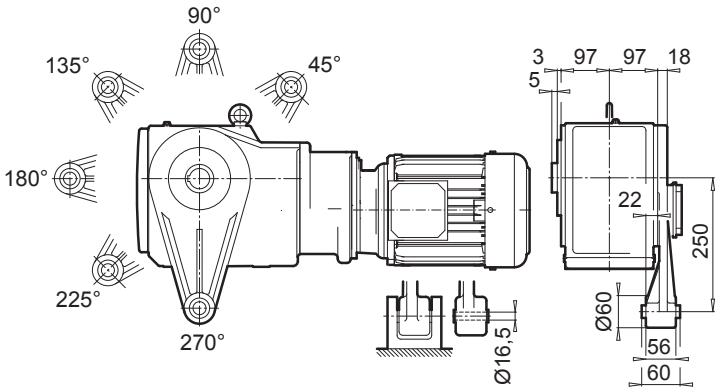

## SK 9033.1AZ**B** (AF**B**)



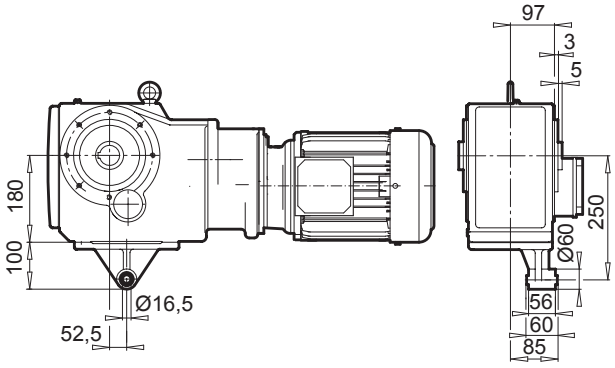

## SK 9033.1AZ**SH** (AF**SH**)




## SK 9033.1AZ**D**

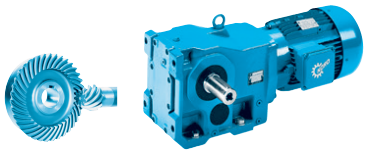



## SK 9033.1AZ**K**

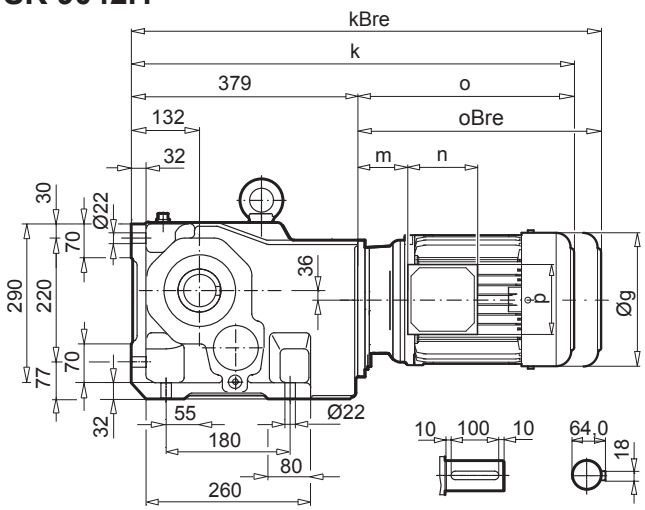


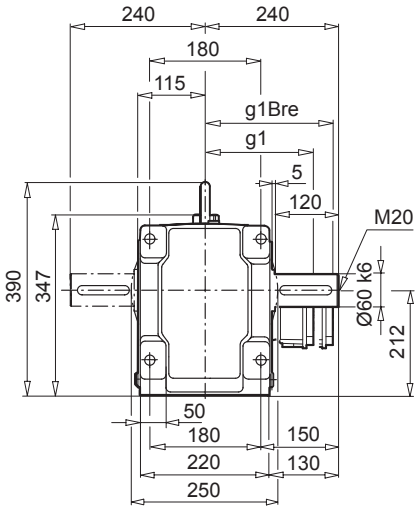

| ⇨ 🕮 A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP | | |
|---|---|---|---|---|---|---|---|
| **g** | 130 | 145 | 165 | 165 | 183 | | |
| **g1 / g1Bre** | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | |
| **k1 / k1Bre** | 589 / 645 | 629 / 687 | 654 / 718 | 654 / 718 | 695 / 770 | | |
| **o / oBre** | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | |
| **m / mBre** | 16 / 22 | 42 / 48 | 47 / 51 | 47 / 51 | 52 / 56 | | |
| **n / nBre** | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| **p / pBre** | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | |

🕮 E128

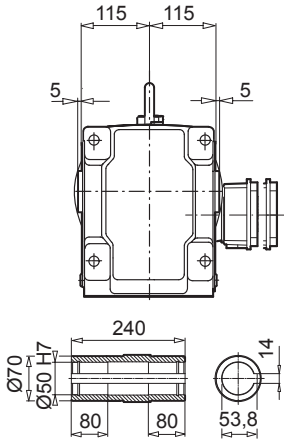


## SK 9042.1

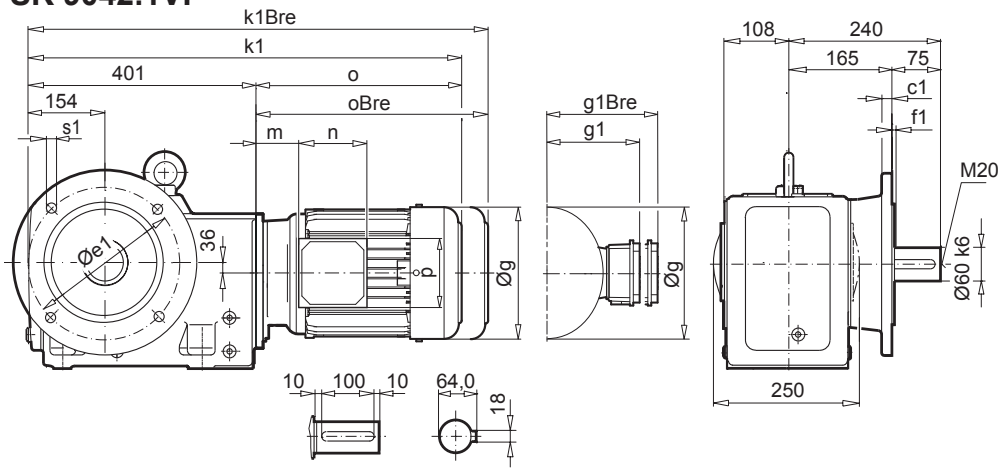


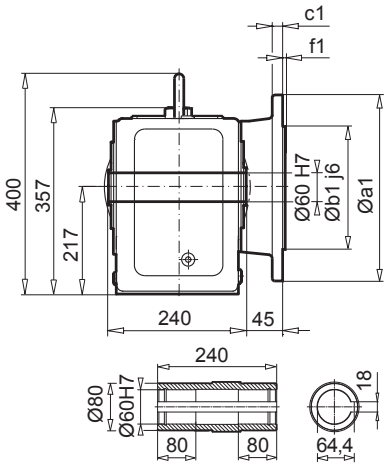

## SK 9042.1AX




## SK 9042.1VF

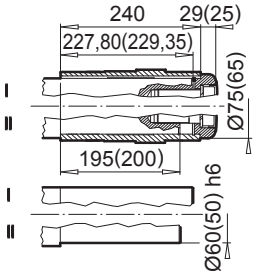



## SK 9042.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

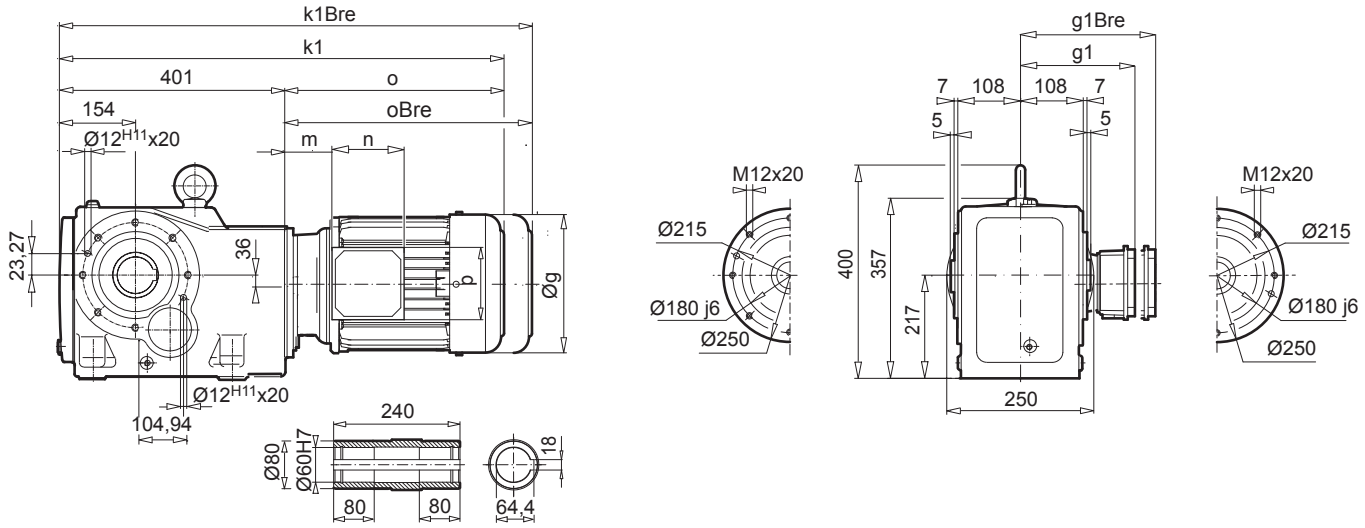
## SK 9042.1AF**B** (AX**B**)



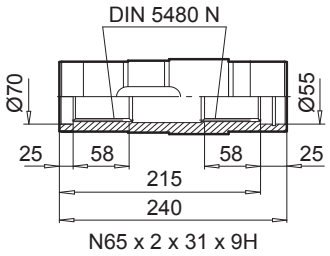

| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| k / kBre | 655 / 730 | 685 / 776 | 733 / 826 | 794 / 901 | 871 / 1006 | 915 / 1050 | 1013 / 1040 |
| k1 / k1Bre | 677 / 752 | 707 / 798 | 755 / 848 | 816 / 923 | 893 / 1028 | 937 / 1072 | 1035 / 1163 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

🕮 E130

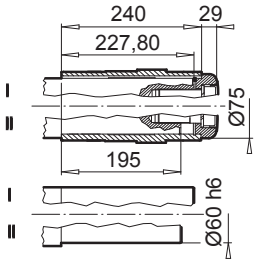
## SK 9042.1AZ



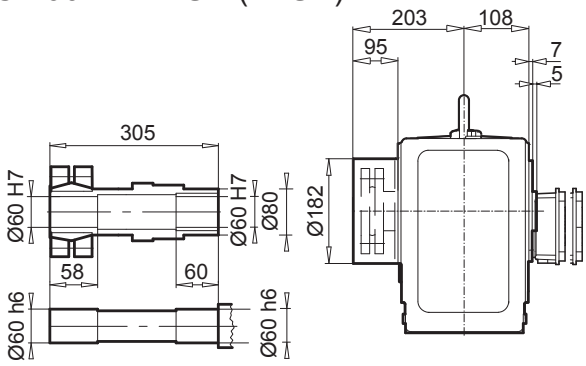

### SK 9042.1AZ**EA**



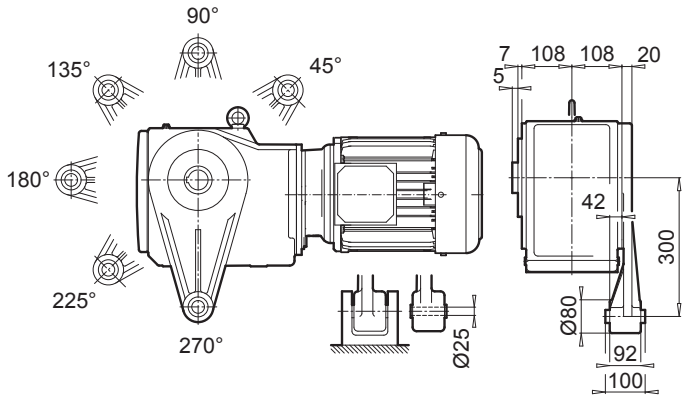

### SK 9042.1AZ**B** (AF**B**)



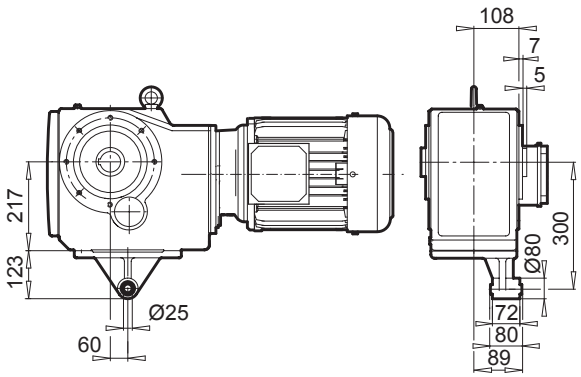

### SK 9042.1AZ**SH** (AF**SH**)




### SK 9042.1AZ**D**

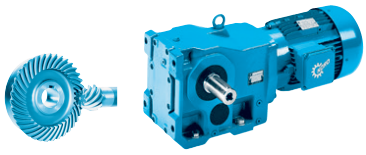



### SK 9042.1AZ**K**

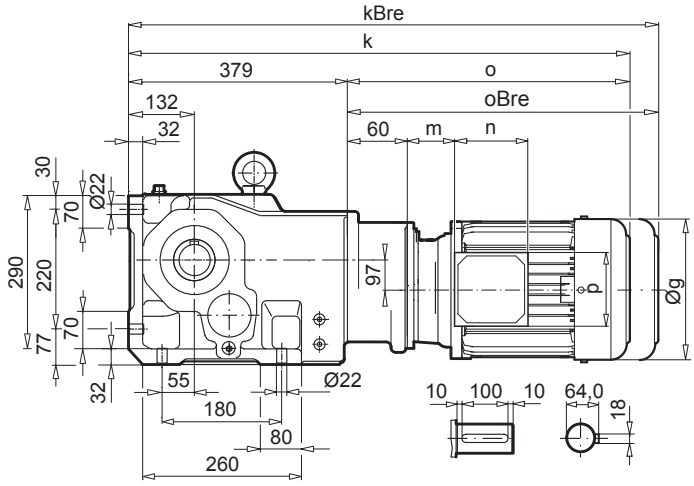


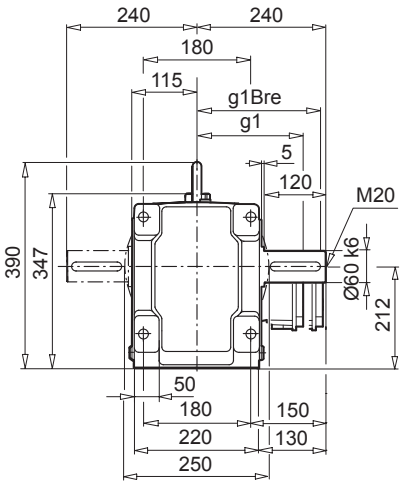

| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| **g** | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| **g1 / g1Bre** | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| **k1 / k1Bre** | 677 / 752 | 707 / 798 | 755 / 848 | 816 / 923 | 893 / 1028 | 937 / 1072 | 1035 / 1163 |
| **o / oBre** | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| **m / mBre** | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| **n / nBre** | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| **p / pBre** | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

🕮 E130

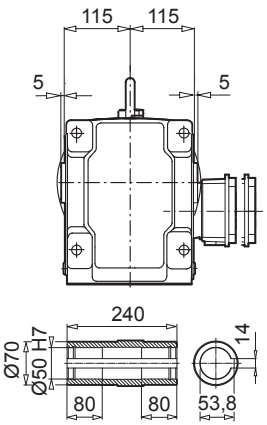


## SK 9043.1

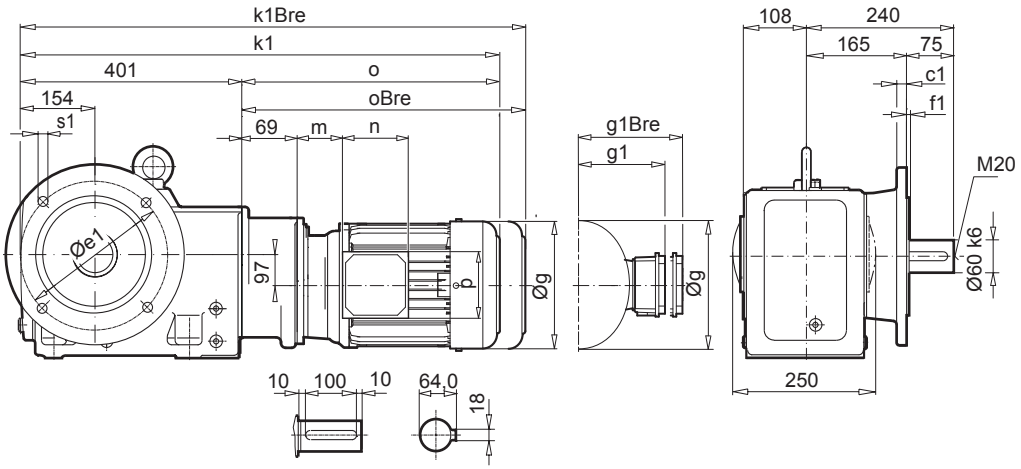


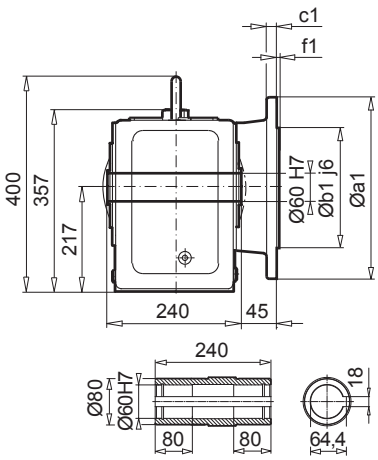

## SK 9043.1AX




## SK 9043.1VF

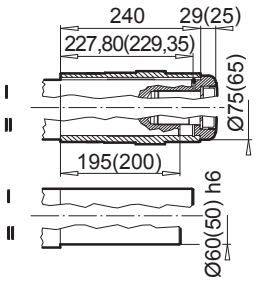



## SK 9043.1AF

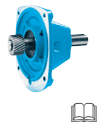



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

## SK 9043.1AF**B** (AX**B**)

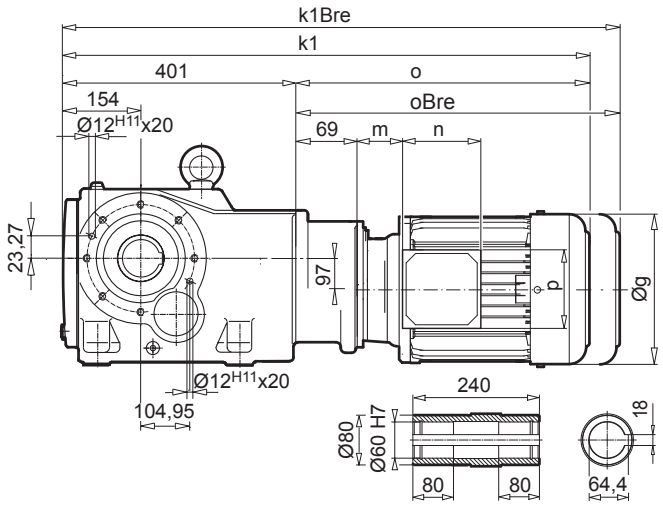


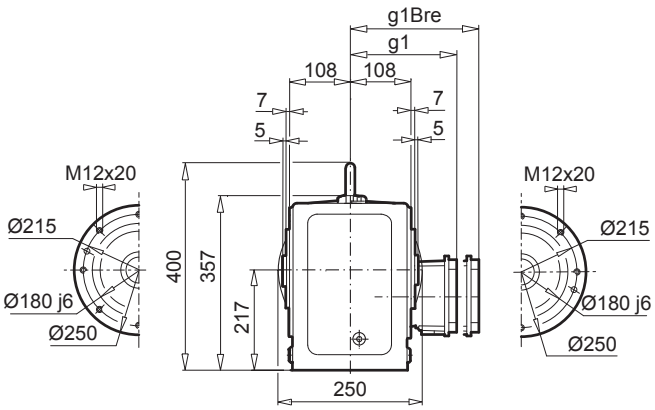

| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | | |
| **k / kBre** | 678 / 736 | 703 / 767 | 703 / 767 | 744 / 819 | 774 / 865 | | |
| **k1 / k1Bre** | 700 / 758 | 725 / 789 | 725 / 789 | 766 / 841 | 796 / 887 | | |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | | |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |



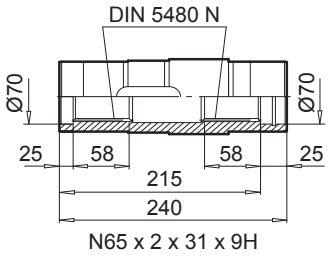
🕮 E129

## SK 9043.1AZ

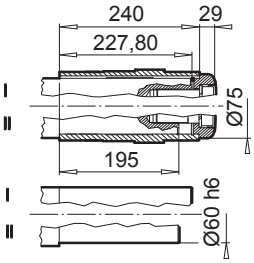


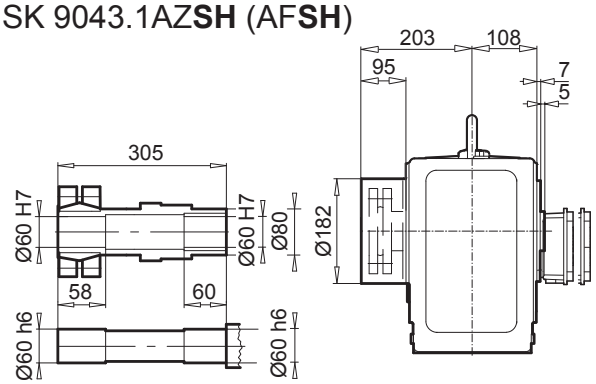

## SK 9043.1AZ**EA**



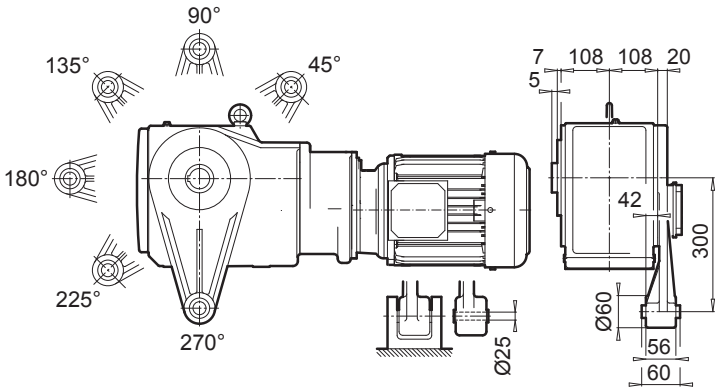

## SK 9043.1AZ**B** (AF**B**)



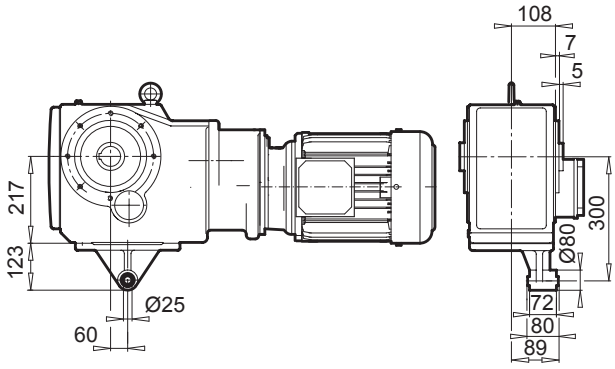

## SK 9043.1AZ**SH** (AF**SH**)




## SK 9043.1AZ**D**



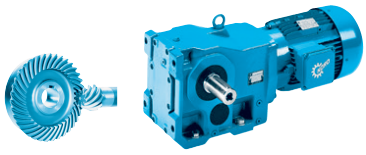

## SK 9043.1AZ**K**



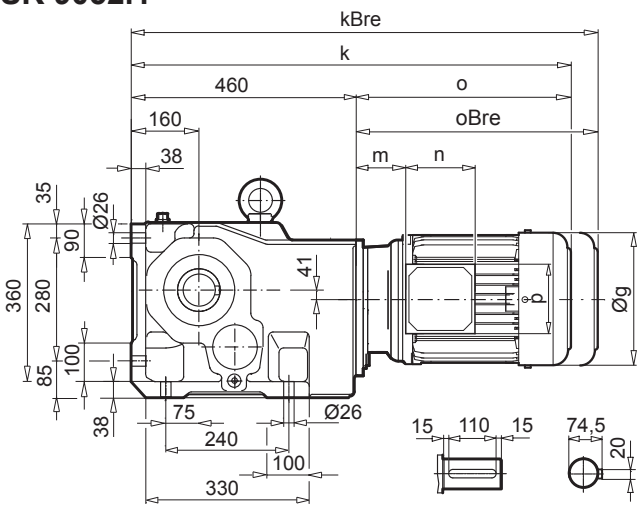

| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP | | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | | |
| **k1 / k1Bre** | 700 / 758 | 725 / 789 | 725 / 789 | 766 / 841 | 796 / 887 | | |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | | |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |

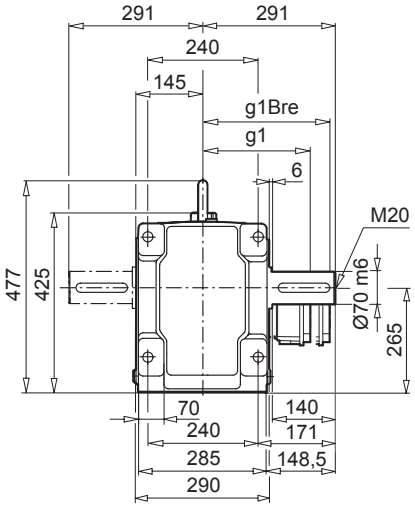
🕮 E129

# SK 9052.1

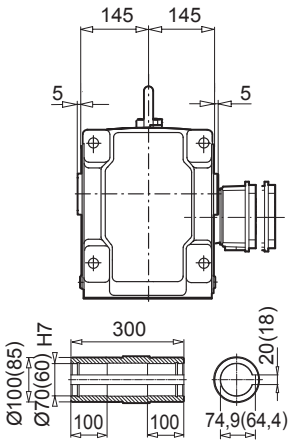


## SK 9052.1

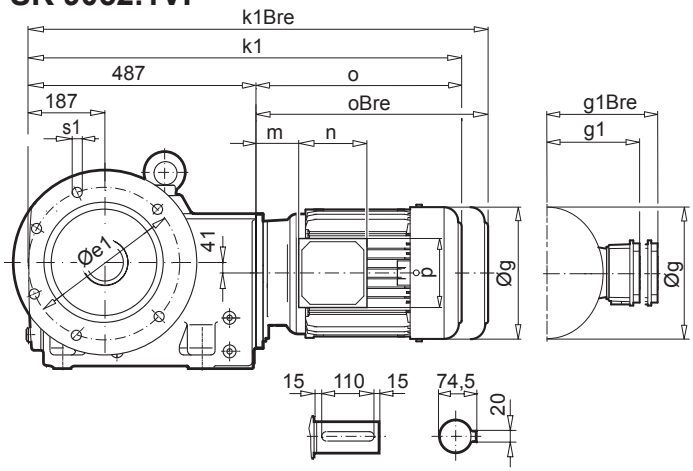


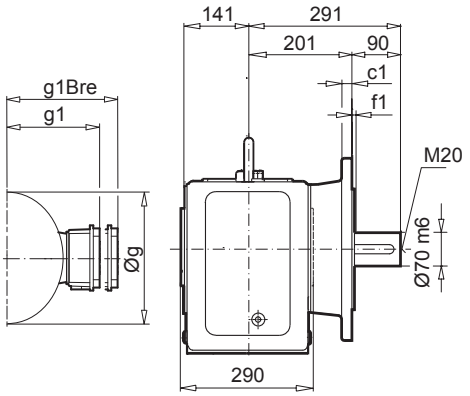




## SK 9052.1AX

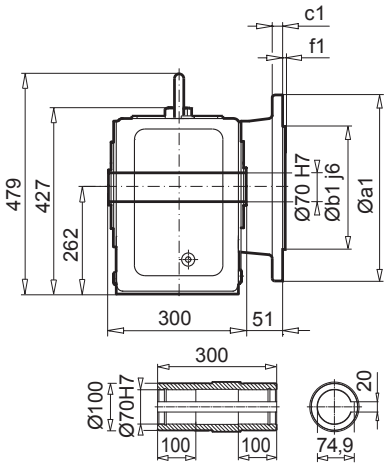



## SK 9052.1VF



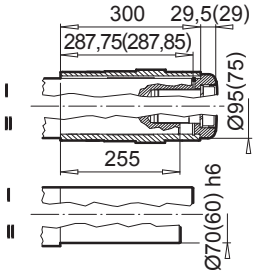




## SK 9052.1AF



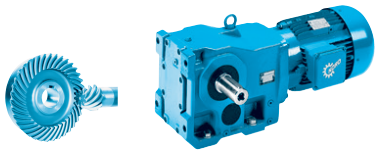

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 400 | 300 | 20 | 350 | 5 | 4 x 18 |
| 450 | 350 | 16 | 400 | 5 | 8 x 18 |

## SK 9052.1AF**B** (AX**B**)

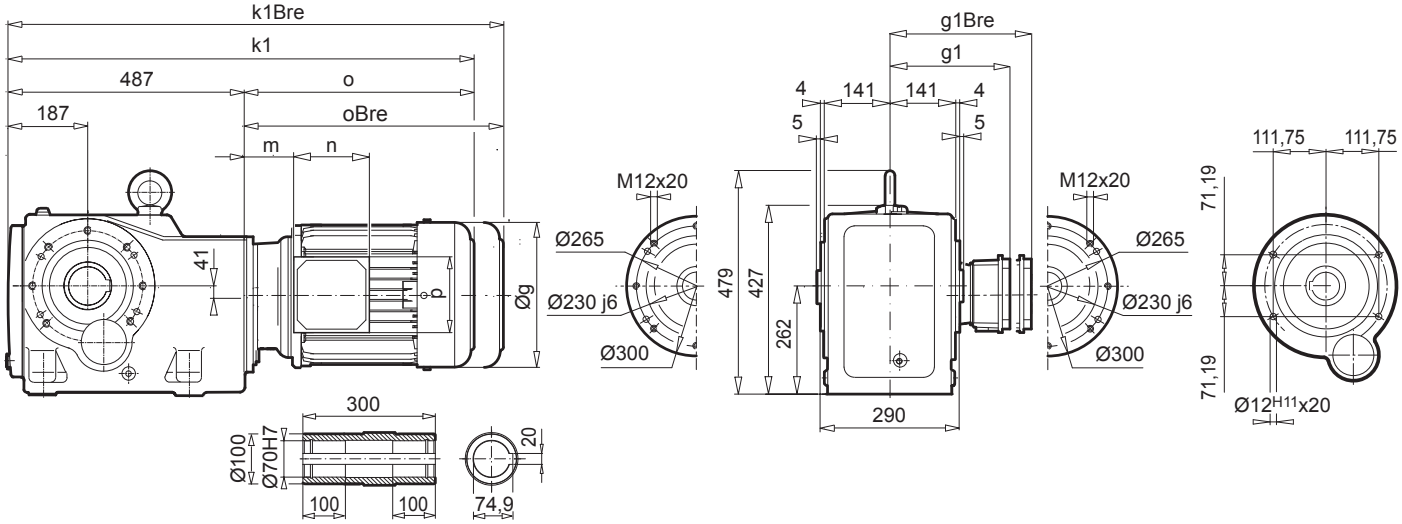



| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| **g** | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| **g1 / g1Bre** | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| **k / kBre** | 736 / 811 | 766 / 857 | 814 / 907 | 875 / 982 | 952 / 1087 | 996 / 1131 | 1096 / 1223 |
| **k1 / k1Bre** | 763 / 838 | 793 / 884 | 841 / 934 | 902 / 1009 | 992 / 1127 | 1023 / 1158 | 1123 / 1251 |
| **o / oBre** | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 636 / 764 |
| **m / mBre** | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| **n / nBre** | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| **p / pBre** | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

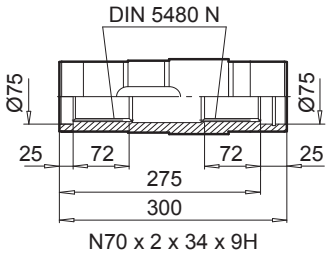
🕮 E130



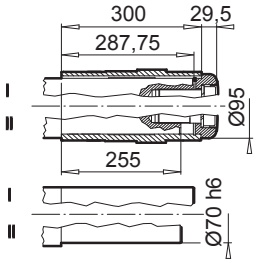
## SK 9052.1AZ



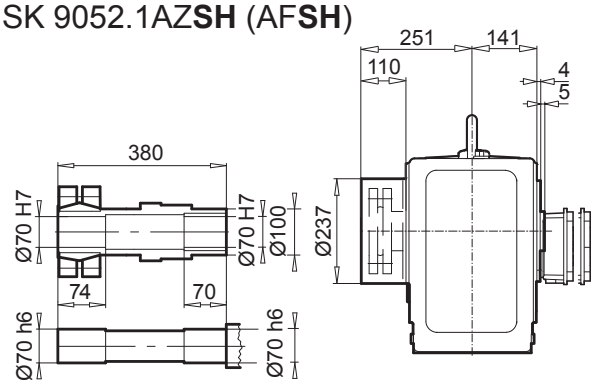

## SK 9052.1AZ**EA**



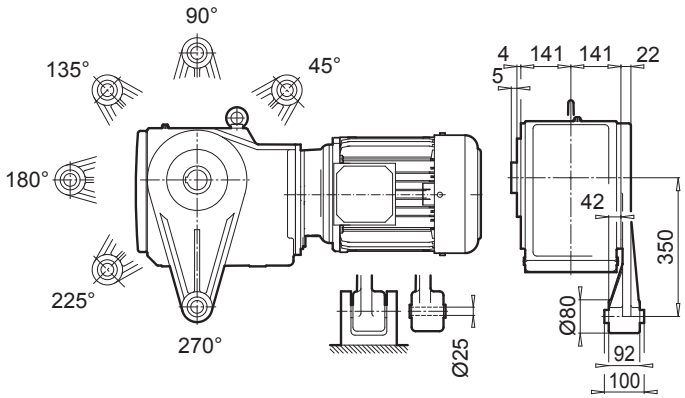

## SK 9052.1AZ**B** (AF**B**)



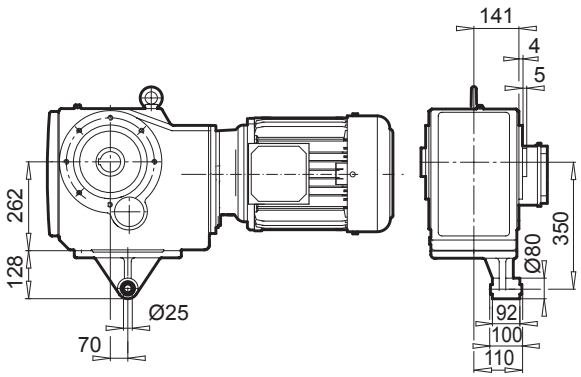

## SK 9052.1AZ**SH** (AF**SH**)




## SK 9052.1AZ**D**

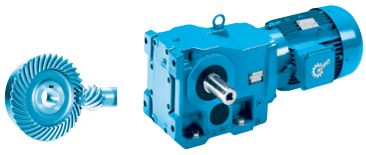



## SK 9052.1AZ**K**

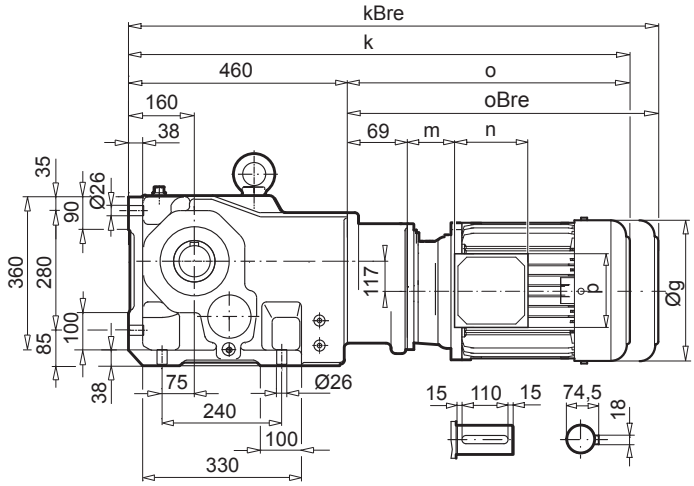


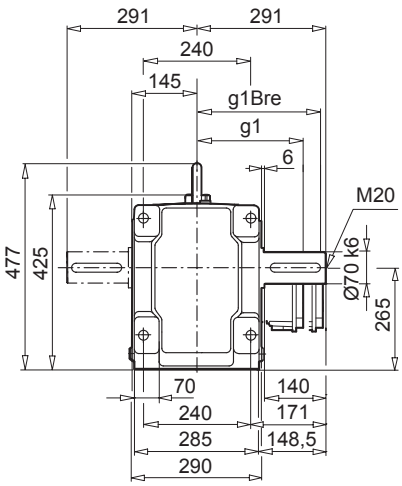

| ⇨ 🕮 A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP |
|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 358 |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 |
| k1 / k1Bre | 763 / 838 | 793 / 884 | 841 / 934 | 902 / 1009 | 992 / 1127 | 1023 / 1158 | 1123 / 1251 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 636 / 764 |
| m / mBre | 26 / 30 | 32 / 36 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 75 / 75 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |

🕮 E130

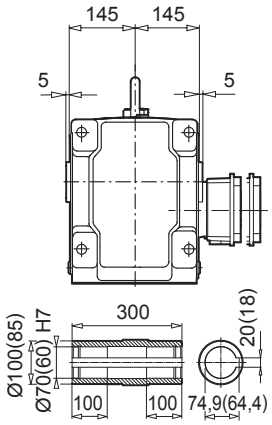


## SK 9053.1

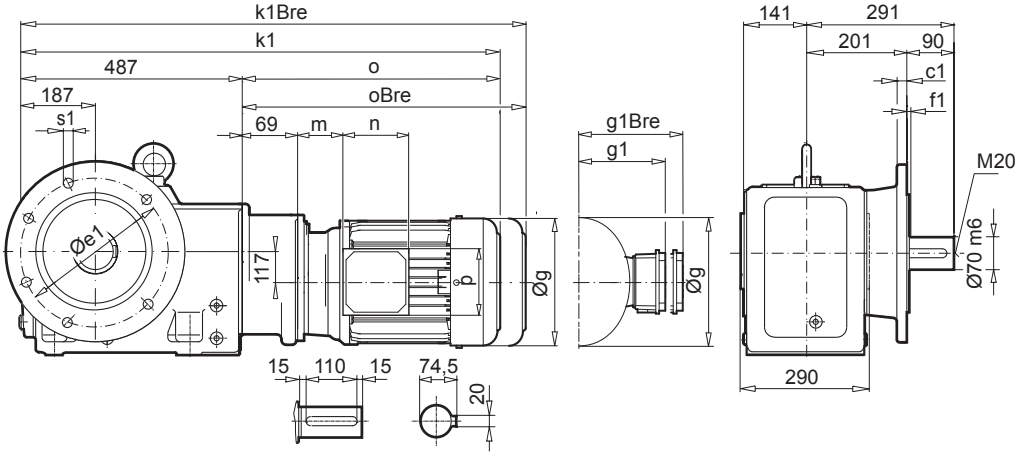



## SK 9053.1AX



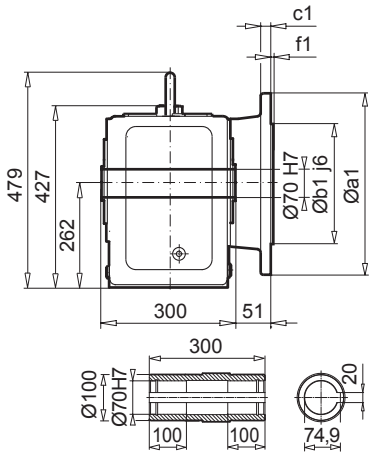

## SK 9053.1VF





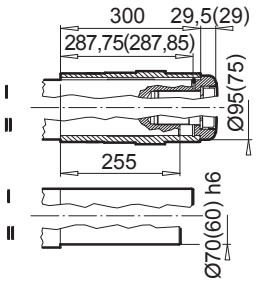


## SK 9053.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 400 | 300 | 20 | 350 | 5 | 4 x 18 |
| 450 | 350 | 16 | 400 | 5 | 8 x 18 |

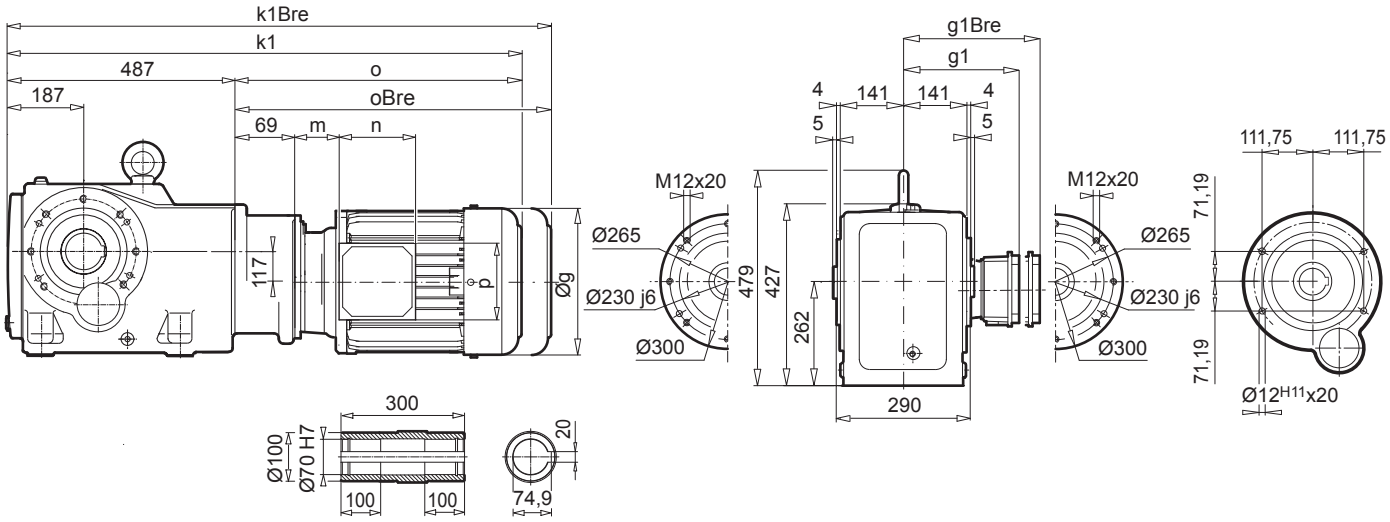
## SK 9053.1AF**B** (AX**B**)



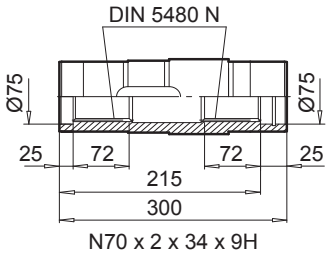

| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| **k / kBre** | 759 / 817 | 784 / 848 | 784 / 848 | 825 / 900 | 855 / 946 | 903 / 996 | |
| **k1 / k1Bre** | 786 / 844 | 811 / 875 | 811 / 875 | 852 / 927 | 882 / 973 | 930 / 1023 | |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 38 / 41 | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 E129

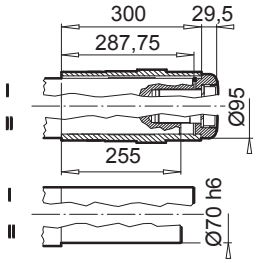
## SK 9053.1AZ



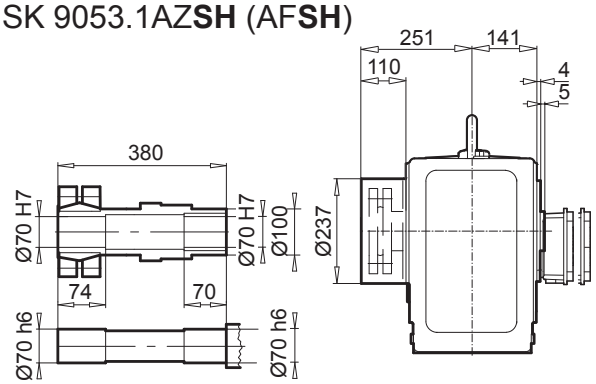

## SK 9053.1AZ**EA**



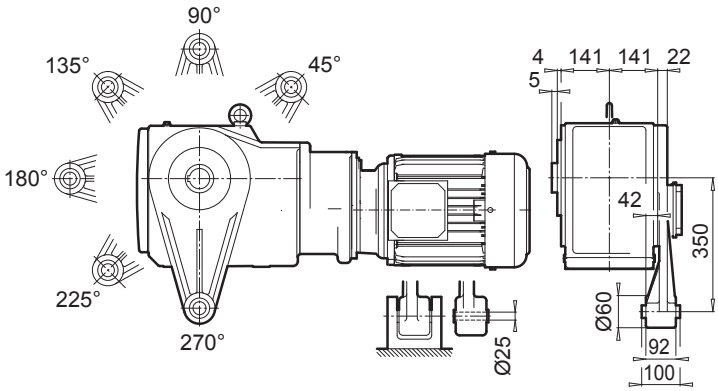

## SK 9053.1AZ**B** (AF**B**)



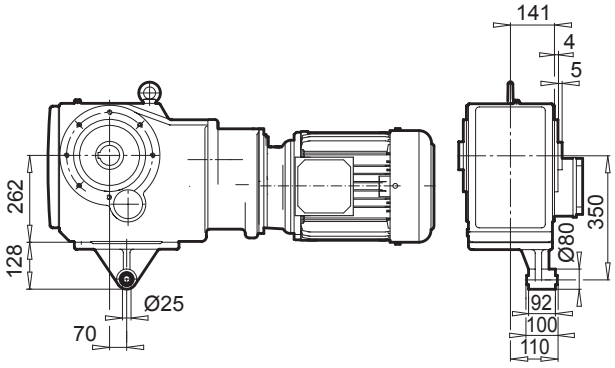

## SK 9053.1AZ**SH** (AF**SH**)




## SK 9053.1AZ**D**

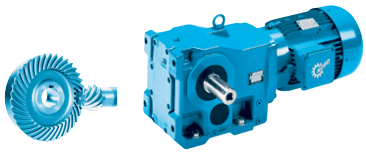



## SK 9053.1AZ**K**

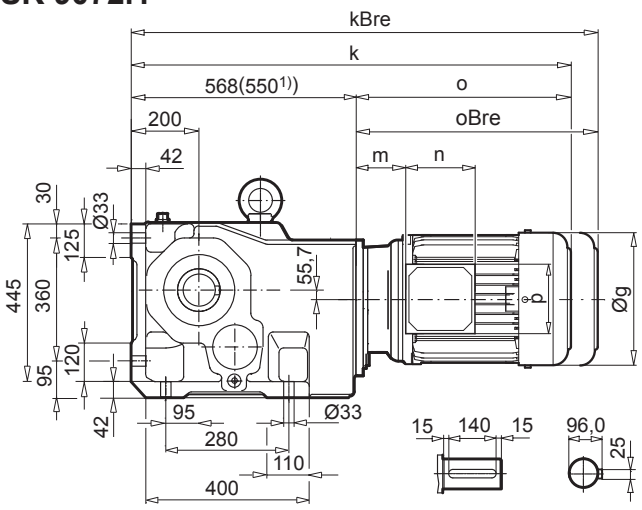


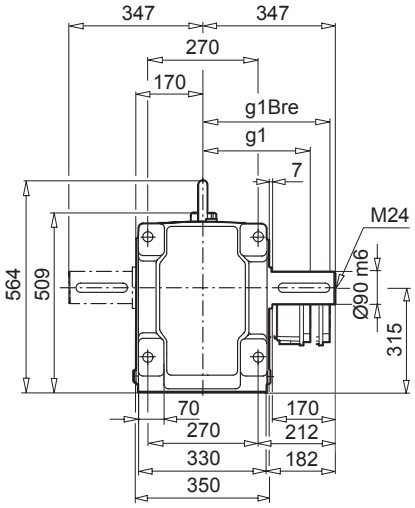

| ⇨ 🕮 A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|
| **g** | 145 | 165 | 165 | 183 | 201 | 228 | |
| **g1 / g1Bre** | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| **k1 / k1Bre** | 786 / 844 | 811 / 875 | 811 / 875 | 852 / 927 | 882 / 973 | 930 / 1023 | |
| **o / oBre** | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | |
| **m / mBre** | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 38 / 41 | |
| **n / nBre** | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| **p / pBre** | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

🕮 E129

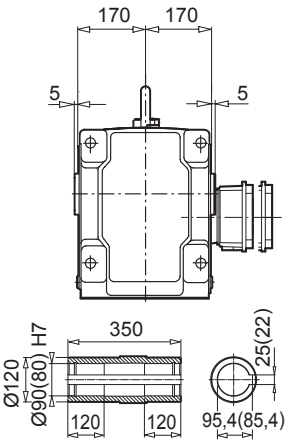


## SK 9072.1

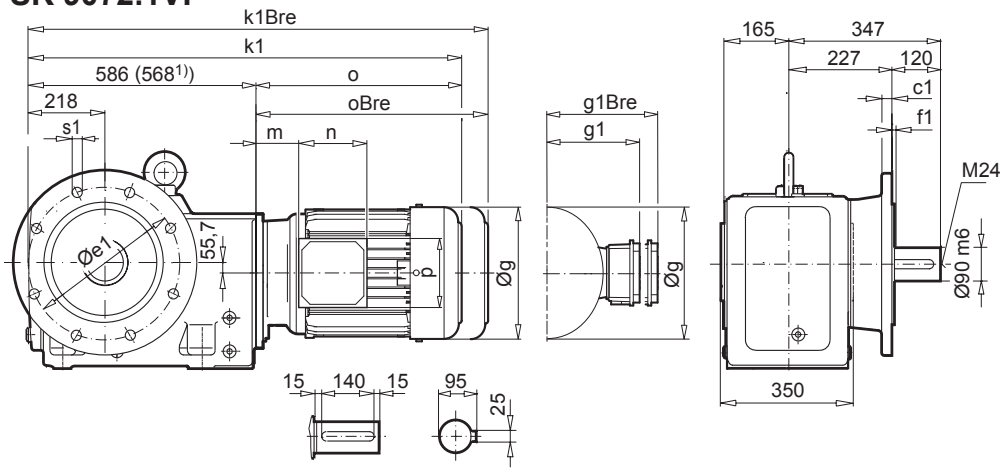


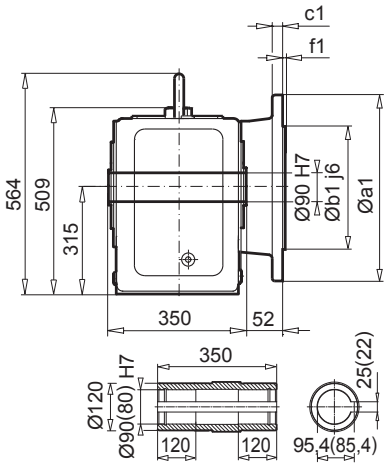

## SK 9072.1AX




## SK 9072.1VF

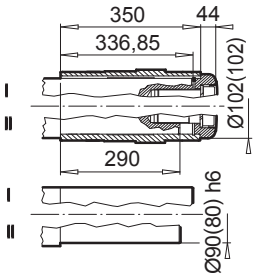



## SK 9072.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 450 | 350 | 22 | 400 | 5 | 4 x 18 |
| 550 | 450 | 28 | 500 | 5 | 4 x 18 |

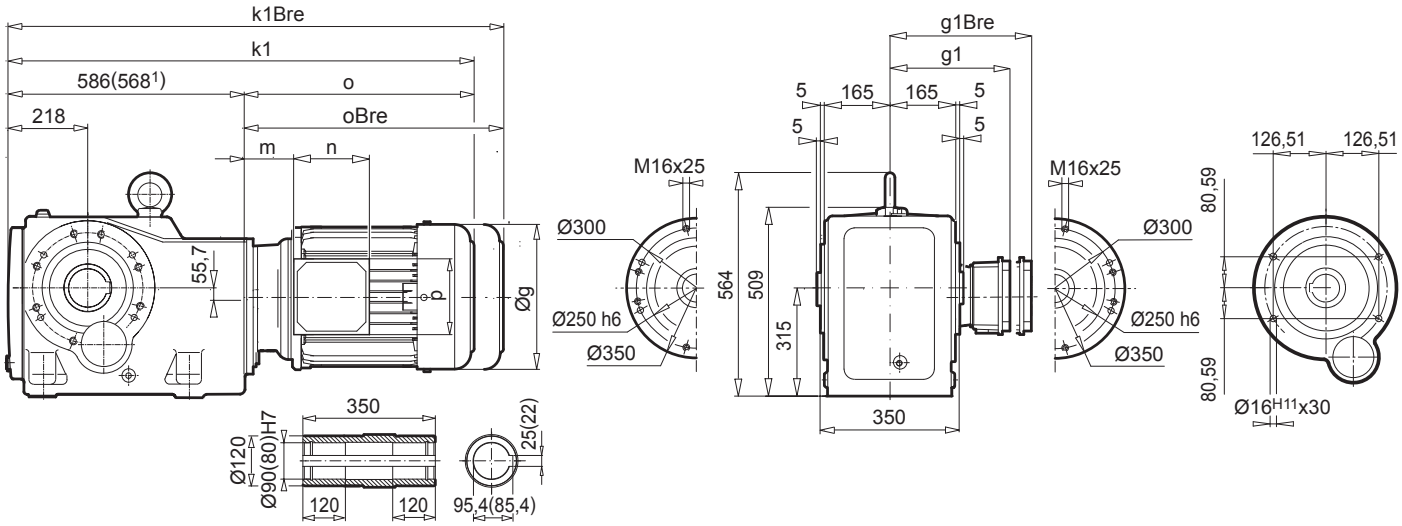
## SK 9072.1AF**B** (AX**B**)



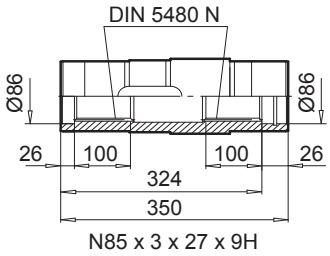

| ⇨ 🕮 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP¹⁾ | 160 LP¹⁾ | 180 MP/LP¹⁾ | 225 RP¹⁾ | 225 SP/MP¹⁾ |
|---|---|---|---|---|---|---|---|---|
| **g** | 201 | 228 | 266 | 320 | 320 | 358 | 443 | 443 |
| **g1 / g1Bre** | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 |
| **k / kBre** | 874 / 965 | 919 / 1012 | 1003 / 1110 | 1042 / 1177 | 1086 / 1221 | 1164 / 1292 | 1292 / 1472 | 1292 / 1472 |
| **k1 / k1Bre** | 892 / 983 | 937 / 1030 | 1021 / 1128 | 1060 / 1195 | 1011 / 1239 | 1182 / 1310 | 1310 / 1490 | 1310 / 1490 |
| **o / oBre** | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| **m / mBre** | 32 / 36 | 35 / 38 | 51 / 42 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 |
| **n / nBre** | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| **p / pBre** | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

🕮 E131

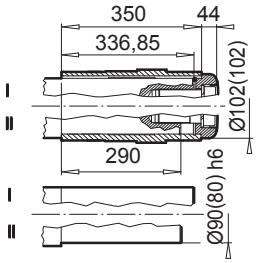
## SK 9072.1AZ



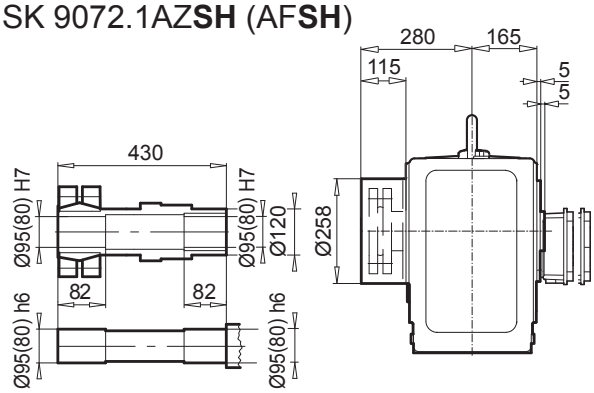

## SK 9072.1AZ**EA**



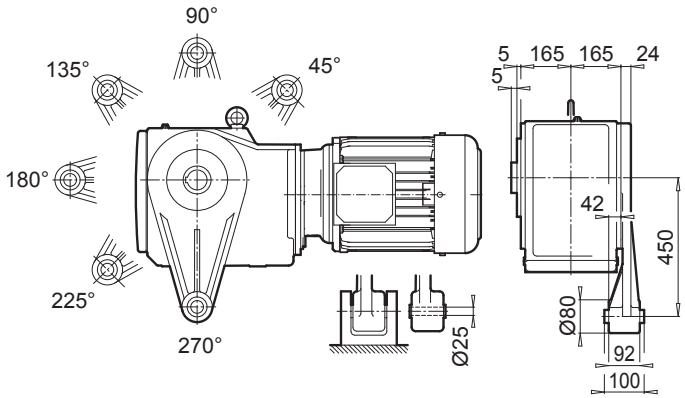

## SK 9072.1AZ**B** (AF**B**)



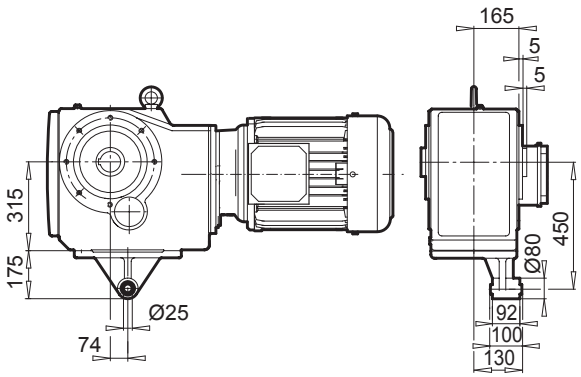

## SK 9072.1AZ**SH** (AF**SH**)




## SK 9072.1AZ**D**

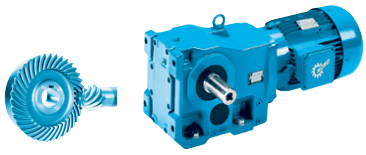



## SK 9072.1AZ**K**

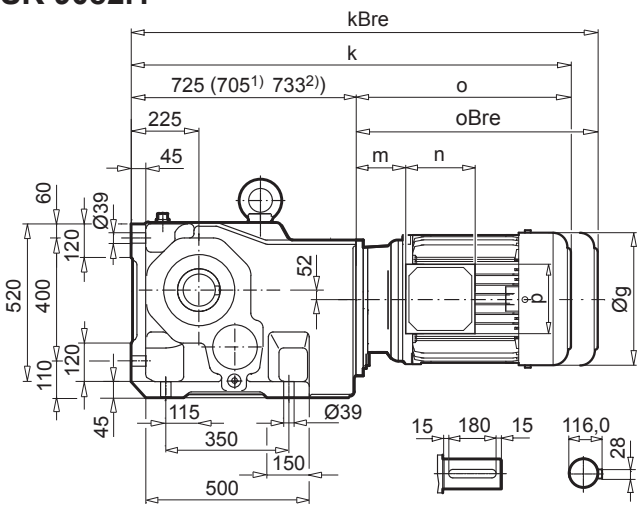


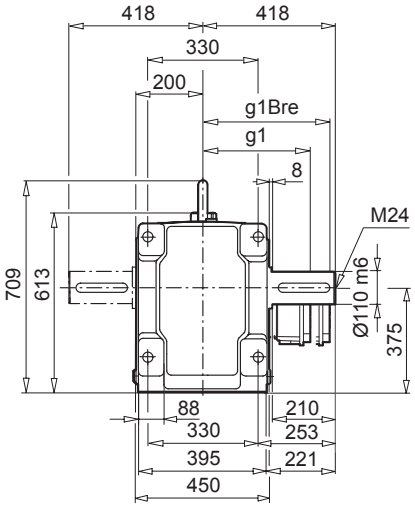

| ⇨ 🕮 A61 | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP[1)] | 160 LP[1)] | 180 MP/LP[1)] | 225 RP[1)] | 225 SP/MP[1)] |
|---|---|---|---|---|---|---|---|---|
| g | 201 | 228 | 266 | 320 | 320 | 358 | 443 | 443 |
| g1 / g1Bre | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 |
| k1 / k1Bre | 892 / 983 | 937 / 1030 | 1021 / 1128 | 1060 / 1195 | 1011 / 1239 | 1182 / 1310 | 1310 / 1490 | 1310 / 1490 |
| o / oBre | 306 / 397 | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 |
| m / mBre | 32 / 36 | 35 / 38 | 51 / 42 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 |

🕮 E131

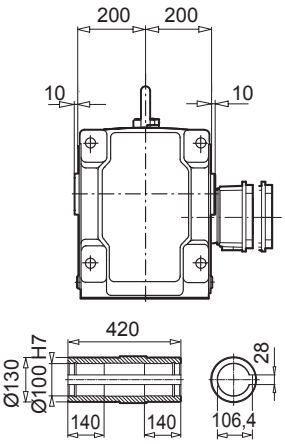


## SK 9082.1

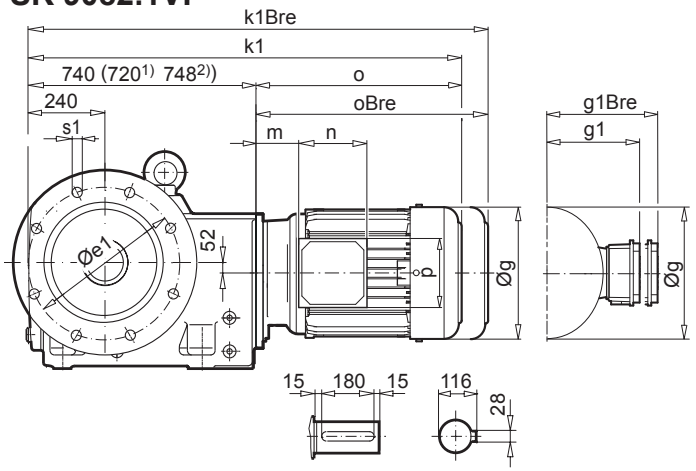


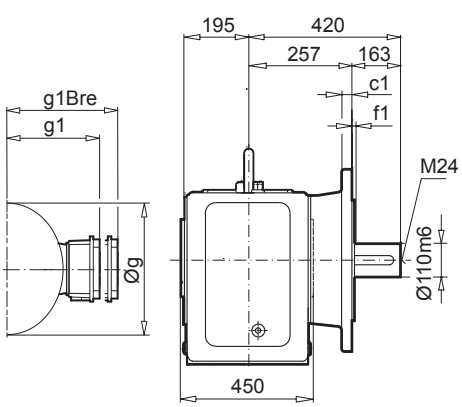




## SK 9082.1AX

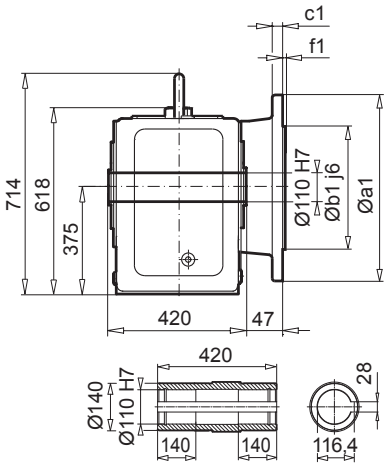



## SK 9082.1VF



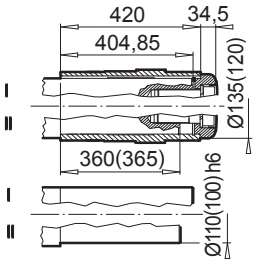




## SK 9082.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 550 | 450 | 28 | 500 | 5 | 8 x 18 |

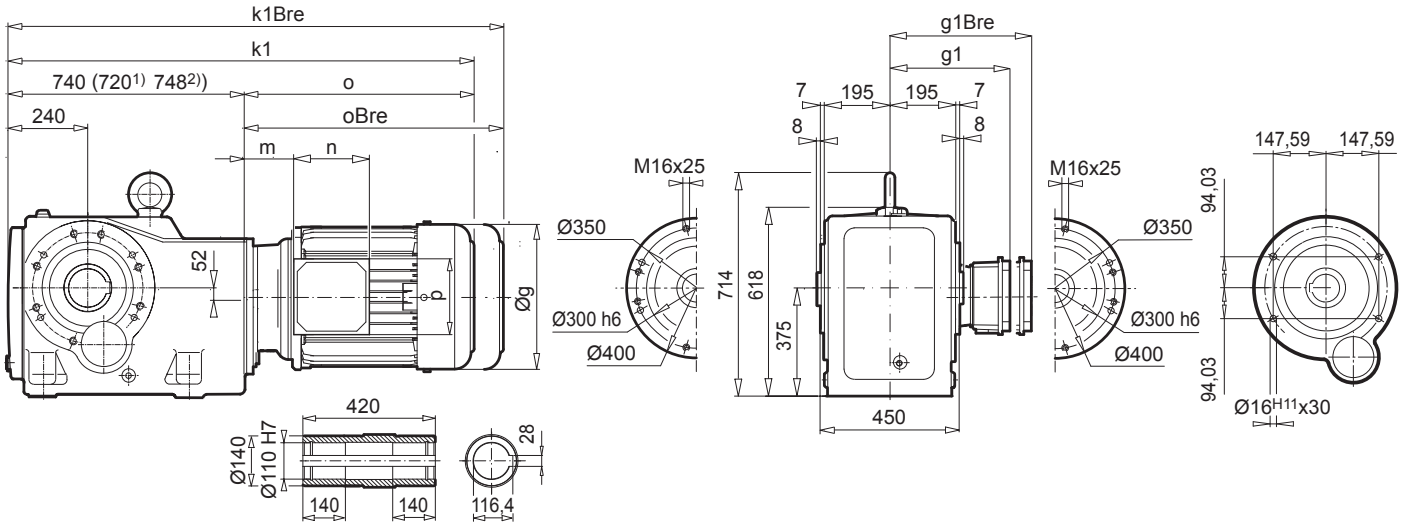
## SK 9082.1AF**B** (AX**B**)



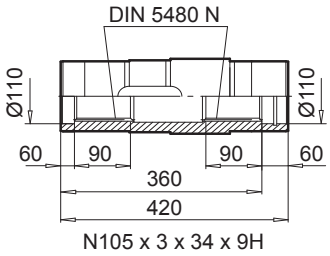

| ⇨ 🕮 A61 | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP¹⁾ | 280 SP¹⁾ | 280 MP²⁾ | 315 SP²⁾ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| g | 228 | 266 | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 |
| g1 / g1Bre | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - |
| k / kBre | 1076 / 1169 | 1160 / 1267 | 1217 / 1352 | 1261 / 1396 | 1339 / 1467 | 1467 / 1647 | 1467 / 1647 | 1447 / 1627 | 1535 / 1715 | 1663 / 1843 | 1645 / - |
| k1 / k1Bre | 1091 / 1184 | 1175 / 1282 | 1232 / 1367 | 1276 / 1411 | 1354 / 1482 | 1482 / 1662 | 1482 / 1662 | 1462 / 1642 | 1550 / 1730 | 1678 / 1858 | 1660 / - |
| o / oBre | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - |
| m / mBre | 35 / 38 | 51 / 42 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - |
| n / nBre | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - |
| p / pBre | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - |

🕮 E132

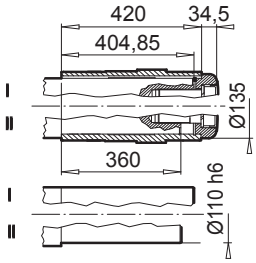
## SK 9082.1AZ



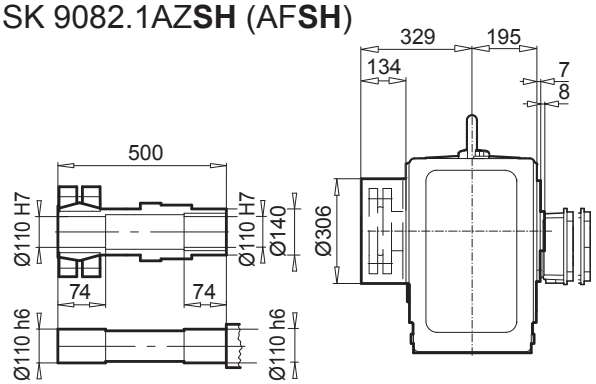

## SK 9082.1AZ**EA**



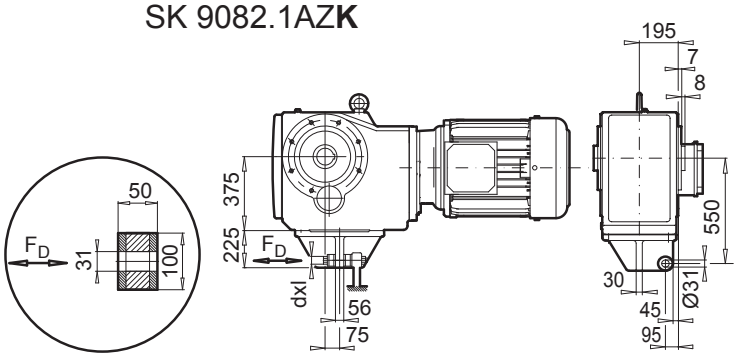

## SK 9082.1AZ**B** (AF**B**)




## SK 9082.1AZ**SH** (AF**SH**)




## SK 9082.1AZ**K**

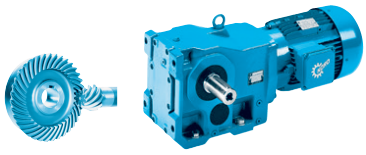



$F_D$ = 23,64 kN
$S_{FD}$ = 13,5 mm
dxl = M30x260

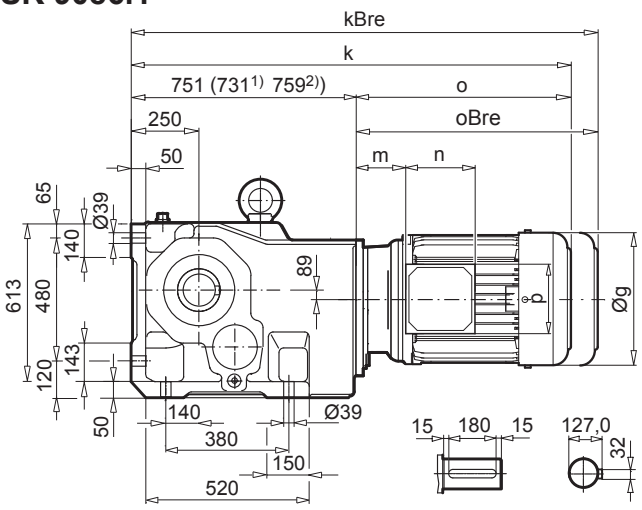
A29

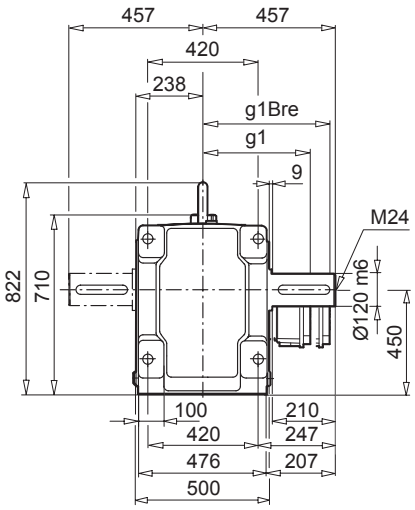
| ⇨ A61 | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[2)] | 315 SP[2)] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| g | 228 | 266 | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 |
| g1 / g1Bre | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - |
| k1 / k1Bre | 1091 / 1184 | 1175 / 1282 | 1232 / 1367 | 1276 / 1411 | 1354 / 1482 | 1482 / 1662 | 1482 / 1662 | 1462 / 1642 | 1550 / 1730 | 1678 / 1858 | 1660 / - |
| o / oBre | 351 / 444 | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - |
| m / mBre | 35 / 38 | 51 / 42 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - |
| n / nBre | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - |
| p / pBre | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - |

E132

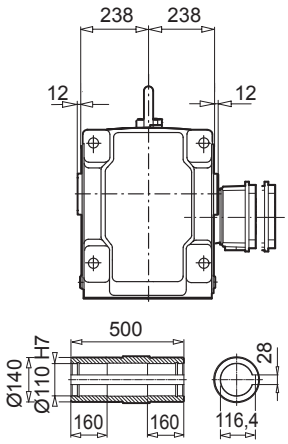


## SK 9086.1

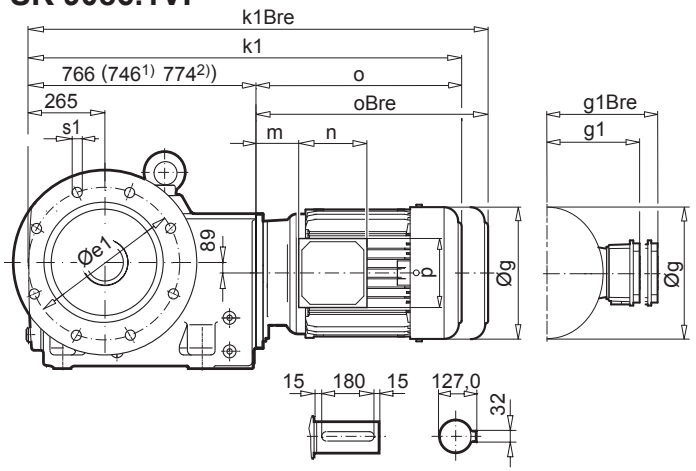


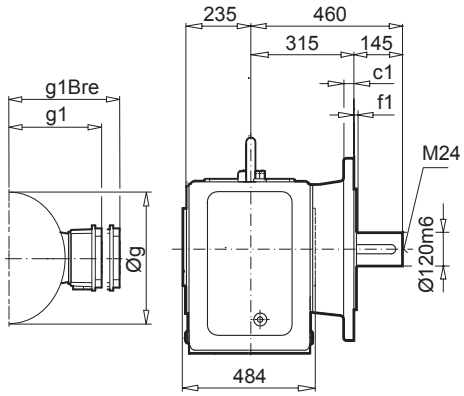




## SK 9086.1AX

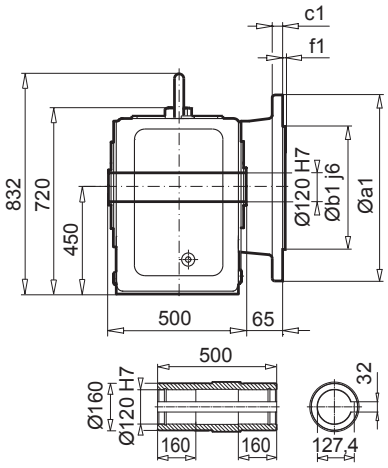



## SK 9086.1VF



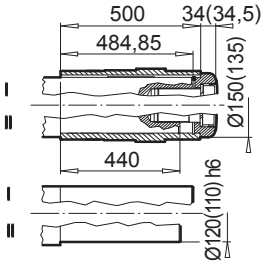




## SK 9086.1AF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 32 | 600 | 6 | 8 x 22 |

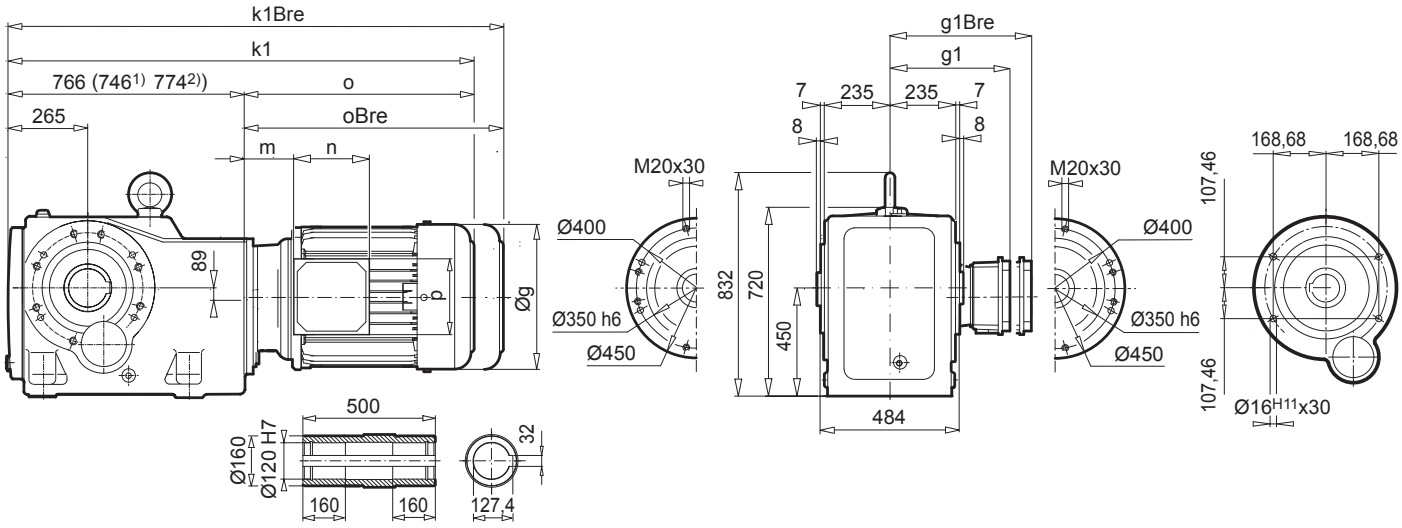
## SK 9086.1AF**B** (AX**B**)



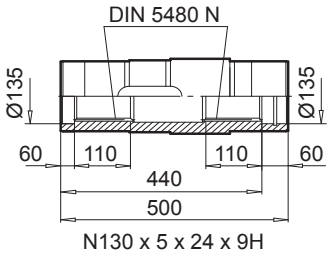

| ⇨ 🕮 A61 | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[2)] | 315 SP[2)] | 315 MP/RP[2)] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k / kBre | 1186 / 1293 | 1243 / 1378 | 1287 / 1422 | 1365 / 1493 | 1493 / 1673 | 1493 / 1673 | 1473 / 1653 | 1561 / 1741 | 1689 / 1869 | 1671 / - | 1836 / - |
| k1 / k1Bre | 1201 / 1308 | 1258 / 1393 | 1302 / 1437 | 1380 / 1508 | 1508 / 1688 | 1508 / 1688 | 1488 / 1668 | 1576 / 1756 | 1704 / 1884 | 1686 / - | 1851 / - |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 71 / 62 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

🕮 E132

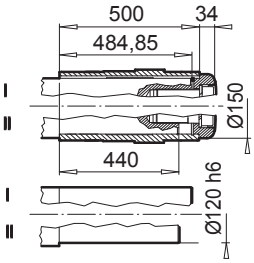
## SK 9086.1AZ



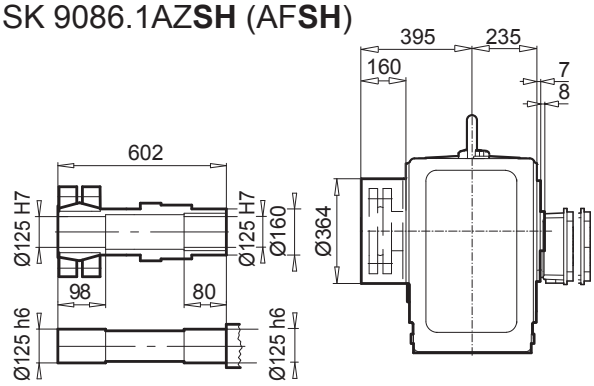

## SK 9086.1AZ**EA**



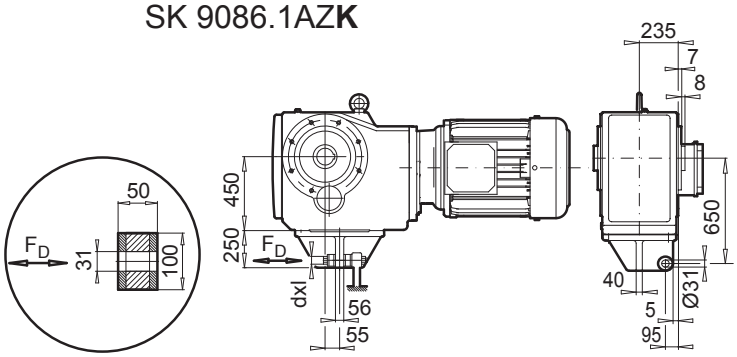

## SK 9086.1AZ**B** (AF**B**)




## SK 9086.1AZ**SH** (AF**SH**)




## SK 9086.1AZ**K**

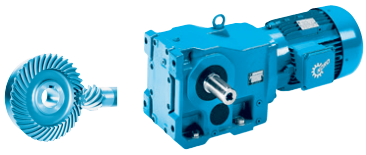



$F_D$ = 30,77 kN
$S_{FD}$ = 17,6 mm
dxl = M30x260

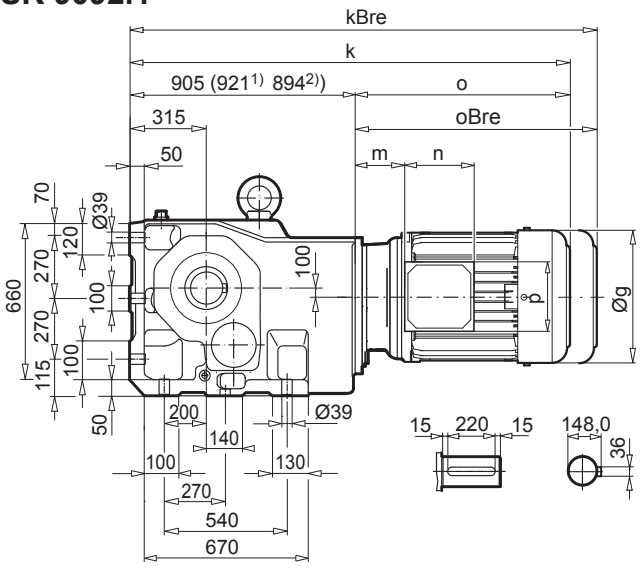
A29

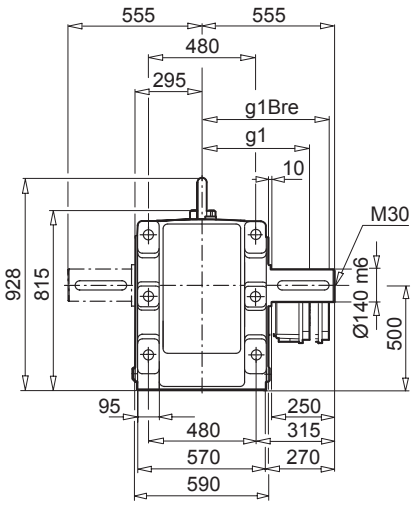
| ⇨ A61 | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[2)] | 315 SP[2)] | 315 MP/RP[2)] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| g | 266 | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 204 / 201 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k1 / k1Bre | 1201 / 1308 | 1258 / 1393 | 1302 / 1437 | 1380 / 1508 | 1508 / 1688 | 1508 / 1688 | 1488 / 1668 | 1576 / 1756 | 1704 / 1884 | 1686 / - | 1851 / - |
| o / oBre | 435 / 542 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 71 / 62 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

E132

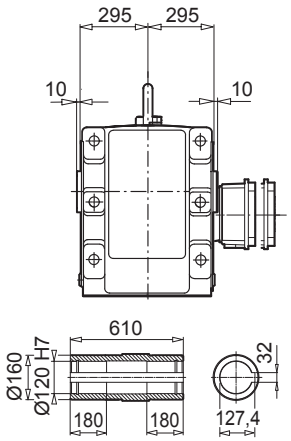


## SK 9092.1

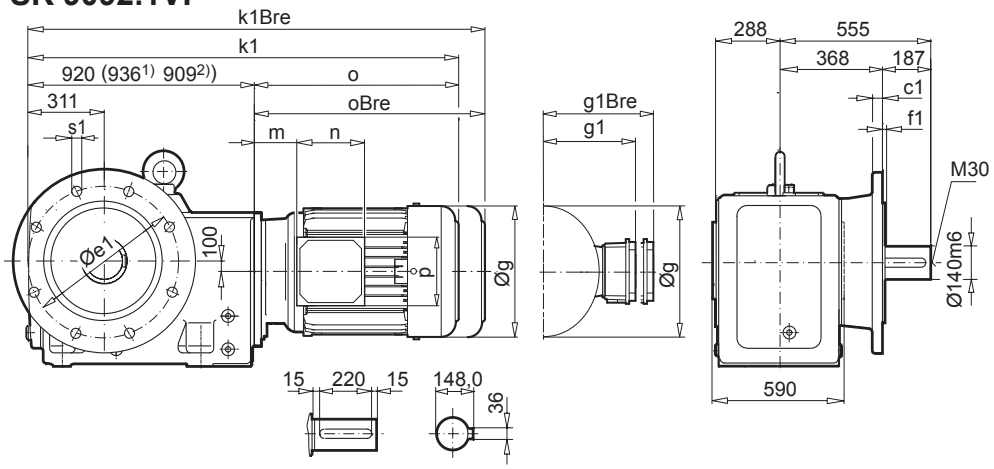


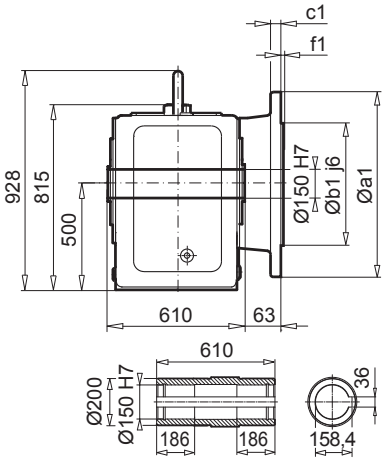

## SK 9092.1AX




## SK 9092.1VF

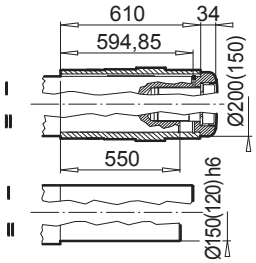



## SK 9092.1AF

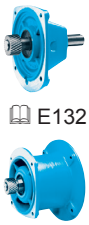



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 32 | 600 | 6 | 8 x 22 |

## SK 9092.1AF**B** (AX**B**)

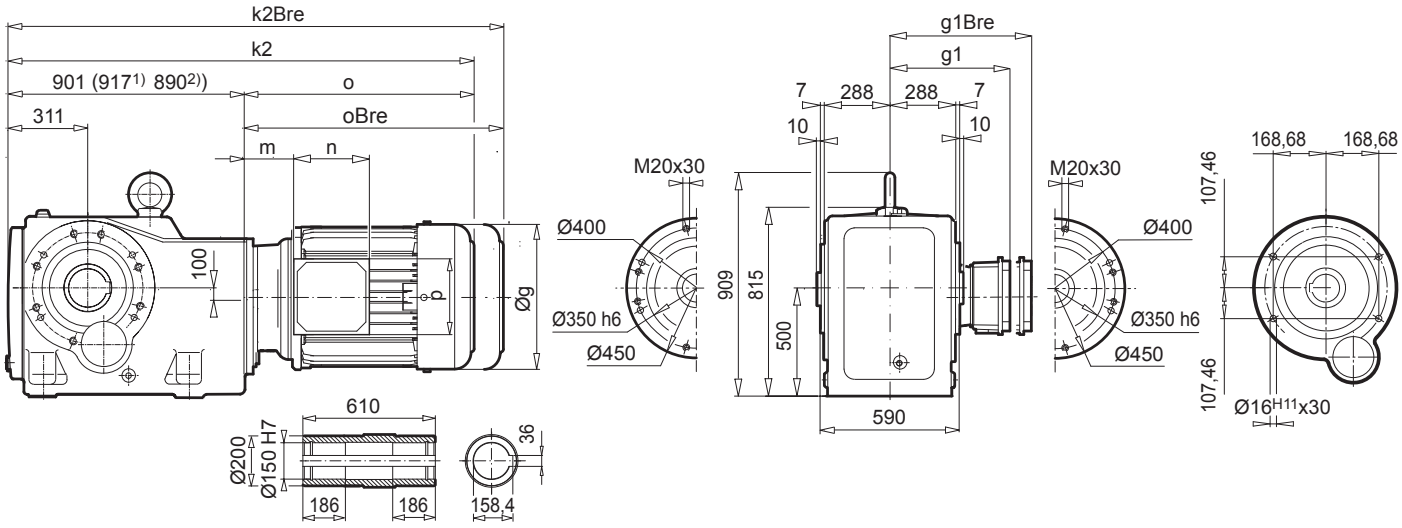



| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP¹⁾ | 280 SP¹⁾ | 280 MP²⁾ | 315 SP²⁾ | 315 MP/RP²⁾ |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k / kBre | 1397 / 1532 | 1441 / 1576 | 1518 / 1644 | 1647 / 1827 | 1647 / 1827 | 1663 / 1843 | 1751 / 1931 | 1824 / 2004 | 1806 / - | 1971 / - |
| k1 / k1Bre | 1412 / 1547 | 1456 / 1591 | 1534/ 1660 | 1662 / 1842 | 1662 / 1842 | 1678 / 1858 | 1766 / 1966 | 1839 / 2019 | 1821 / - | 1986 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

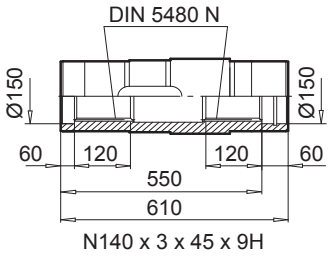


🕮 E132

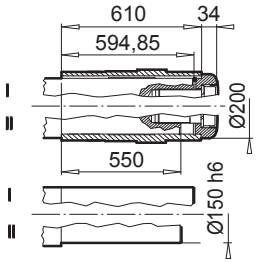
## SK 9092.1AZ



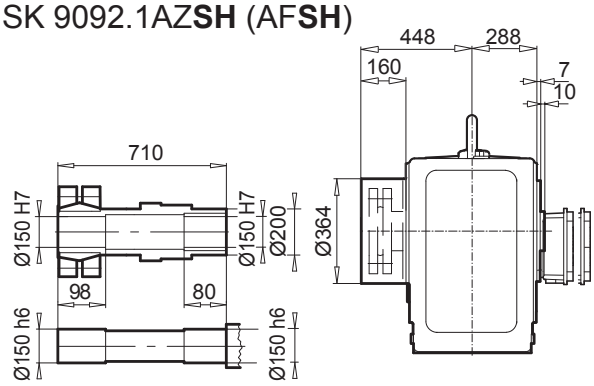

## SK 9092.1AZ**EA**



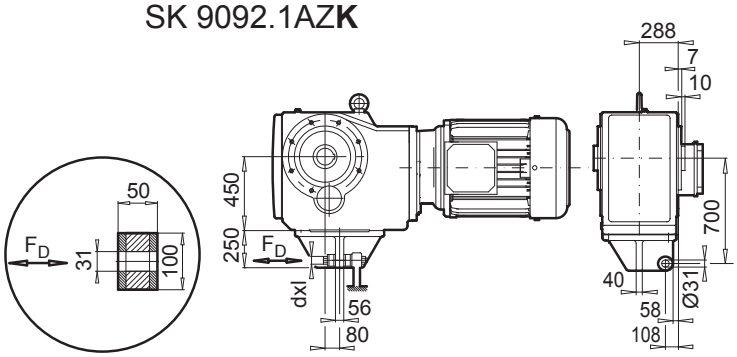

## SK 9092.1AZ**B** (AF**B**)




## SK 9092.1AZ**SH** (AF**SH**)




## SK 9092.1AZ**K**



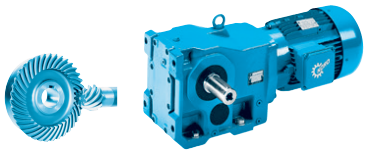

$F_D$ = 45,71 kN
$S_{FD}$ = 26,2 mm
dxl = M30x260

A29

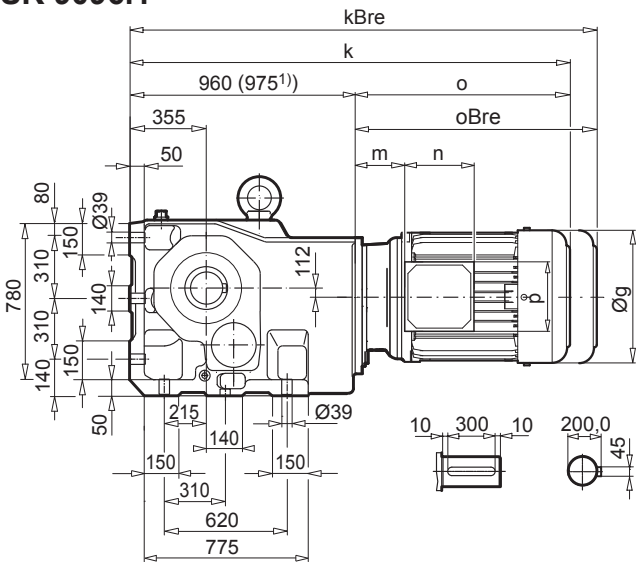
| ⇨ A61 | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[2)] | 315 SP[2)] | 315 MP/RP[2)] |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k2 / k2Bre | 1393 / 1528 | 1437 / 1572 | 1514 / 1640 | 1643 / 1823 | 1643 / 1823 | 1659 / 1839 | 1747 / 1947 | 1820 / 2000 | 1802 / - | 1967 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

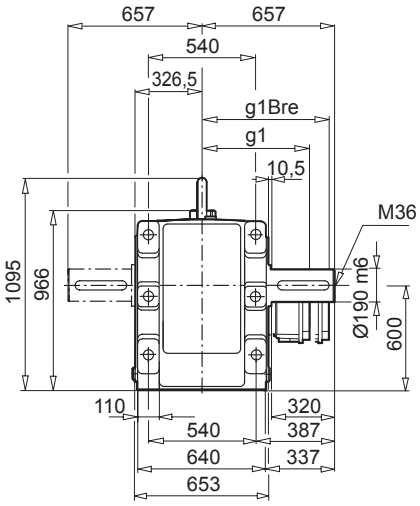
E132

# SK 9096.1

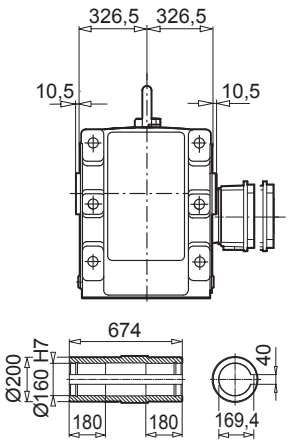


## SK 9096.1

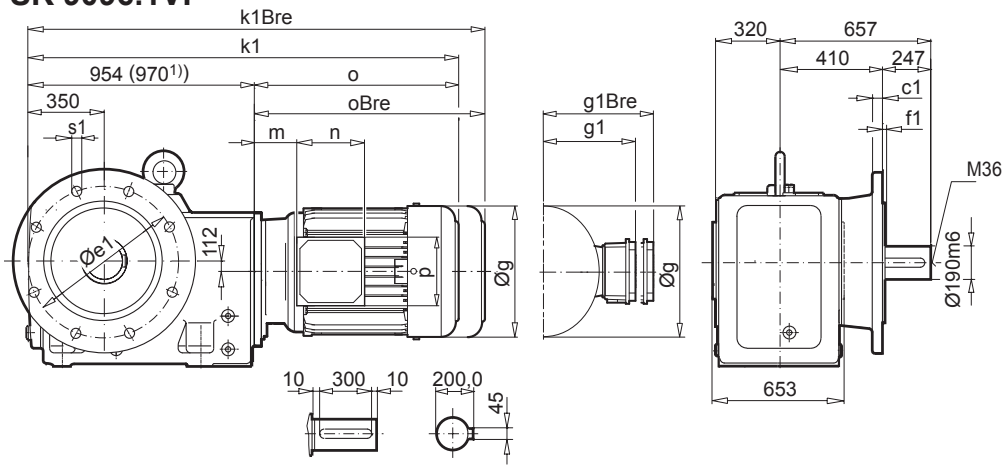


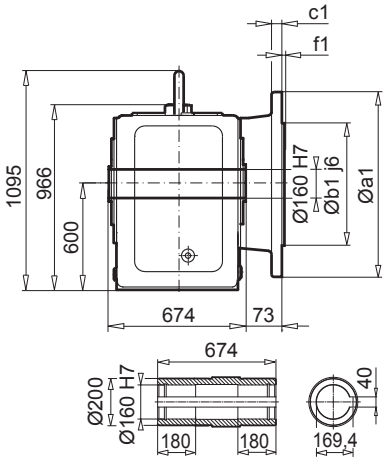

## SK 9096.1AX




## SK 9096.1VF

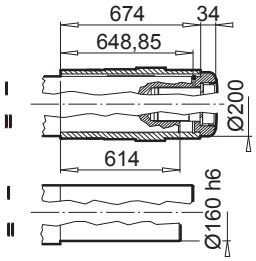



## SK 9096.1AF

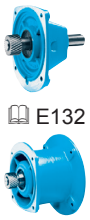



| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 660 | 550 | 35 | 600 | 8 | 8 x 26 |

## SK 9096.1AF**B** (AX**B**)

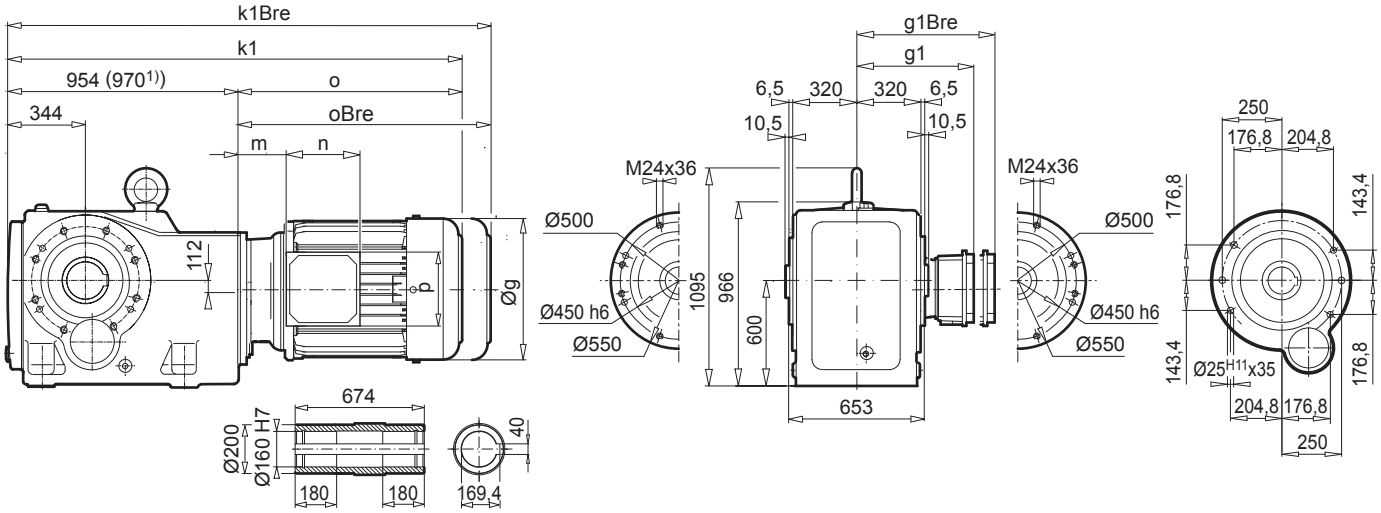



| ⇨ 🕮 A61 | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP¹⁾ | 280 SP¹⁾ | 280 MP¹⁾ | 315 SP¹⁾ | 315 MP/RP/LP¹⁾ |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k / kBre | 1452 / 1587 | 1496 / 1631 | 1574 / 1702 | 1702 / 1882 | 1702 / 1882 | 1717 / 1897 | 1805 / 1985 | 1905 / 2085 | 1887 / - | 2052 / - |
| k1 / k1Bre | 1446 / 1581 | 1490 / 1625 | 1568 / 1696 | 1696 / 1876 | 1696 / 1876 | 1712 / 1892 | 1794 / 1974 | 1894 / 2074 | 1876 / - | 2041 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

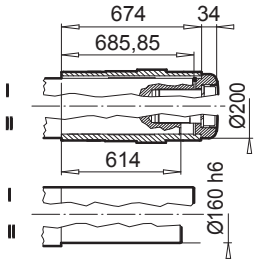


🕮 E132

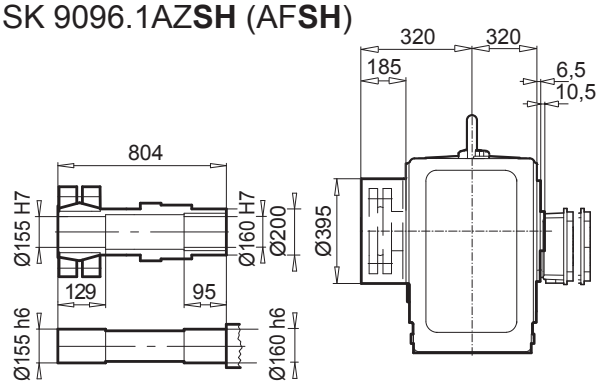
## SK 9096.1AZ



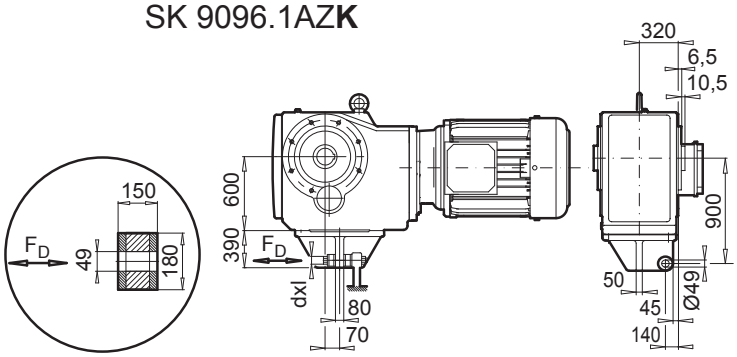

## SK 9096.1AZ**B** (AF**B**)




## SK 9096.1AZ**SH** (AF**SH**)




## SK 9096.1AZ**K**



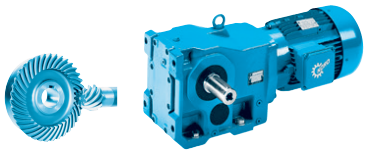

$F_D$ = 55,56 kN
$S_{FD}$ = 27,0 mm
dxl = M48x520

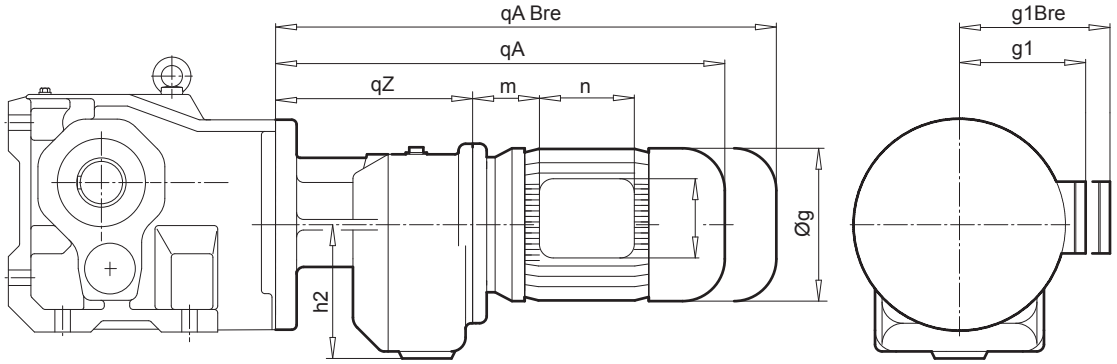
A29

| ⇨ A61 | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | 250 WP[1)] | 280 SP[1)] | 280 MP[1)] | 315 SP[1)] | 315 MP/RP/LP[1)] |
|---|---|---|---|---|---|---|---|---|---|---|
| g | 320 | 320 | 358 | 443 | 443 | 443 | 551 | 551 | 616 | 616 |
| g1 / g1Bre | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | 347 / 347 | 432 / 432 | 434 / 434 | 516 / - | 516 / - |
| k1 / k1Bre | 1446 / 1581 | 1490 / 1625 | 1568 / 1696 | 1696 / 1876 | 1696 / 1876 | 1712 / 1892 | 1794 / 1974 | 1894 / 2074 | 1876 / - | 2041 / - |
| o / oBre | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | 742 / 922 | 830 / 1010 | 930 / 1110 | 912 / - | 1077 / - |
| m / mBre | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | 94 / 94 | 104 / 104 | 94 / 94 | 89 / - | 89 / - |
| n / nBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 233 / 233 | 233 / 233 | 299 / - | 299 / - |
| p / pBre | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | 245 / 245 | 319 / 319 | 319 / 319 | 420 / - | 420 / - |

E132

# SK 9072.1/32 - SK 9092.1/52



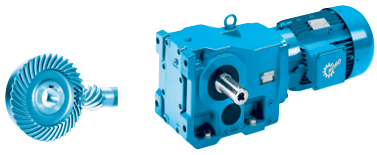


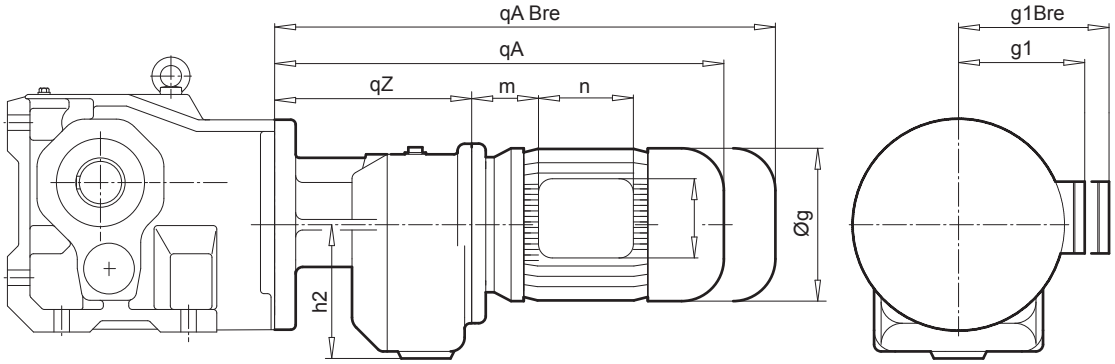

| ⇨ 🕮 A61 | SK 9072.1/32 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 71 L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP | | |
| g | 145 | 165 | 165 | 184 | 202 | 226 | 264 | | |
| g1 / g1Bre | 124 / 134 | 142 / 142 | 142 / 142 | 148 / 148 | 170 / 172 | 180 / 182 | 204 / 202 | | |
| qA / qABre | 449 / 507 | 474 / 538 | 492 / 556 | 515 / 590 | 545 / 636 | 593 / 687 | 654 / 761 | | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 468 | 435 / 542 | | |
| qz | 219 | | | | | | | | |
| m / mBre | 36 / 42 | 41 / 44 | 41 / 44 | 46 / 49 | 52 / 55 | 58 / 61 | 71 / 62 | | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | | |
| h2 | 155 | | | | | | | | |
| ⇨ 🕮 | SK 9072.1 ⇨ 🕮 E104-105 | | | | | | | | |

| ⇨ 🕮 A61 | SK 9072.1/42 | | | SK 9082.1/42 | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 100 LP/AP | 112 MP | 132 MP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP | 160 SP | |
| g | 202 | 226 | 264 | 184 | 164 | 226 | 264 | 320 | |
| g1 / g1Bre | 170 / 172 | 180 / 182 | 204 / 202 | 148 / 148 | 142 / 142 | 180 / 182 | 204 / 202 | 242 / 242 | |
| qA / qABre | 566 / 657 | 614 / 707 | 675 / 782 | 536 / 611 | 566 / 657 | 614 / 707 | 675 / 782 | 752 / 887 | |
| o / oBre | 306 / 397 | 354 / 447 | 415 / 522 | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | |
| qz | 260 | | | 260 | | | | | |
| m / mBre | 32 / 35 | 38 / 41 | 51 / 42 | 26 / 30 | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 | |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | |
| h2 | 175 | | | 175 | | | | | |
| ⇨ 🕮 | SK 9072.1 ⇨ 🕮 E104-105 | | | SK 9082.1 ⇨ 🕮 E106-107 | | | | | |

| ⇨ 🕮 A61 | SK 9082.1/52 * , SK 9086.1/52 | | | | | | | SK 9092.1/52 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 SP/ LP | 100 LP/ AP | 112 MP * | 132 SP/MP * | 160 SP/ MP * | 160 LP * | 180 MP/ LP * | 90 SP/ LP | 100 LP/ AP | 112 MP | 132 SP/ MP | 160 SP/ MP | 160 LP | 180 MP/ LP |
| g | 184 | 202 | 226 | 264 | 320 | 320 | 358 | 184 | 202 | 226 | 264 | 320 | 320 | 358 |
| g1 / g1Bre | 148 / 148 | 170 / 172 | 180 / 182 | 204 / 202 | 242 / 242 | 242 / 242 | 259 / 259 | 148 / 148 | 170 / 172 | 180 / 182 | 204 / 202 | 242 / 242 | 242 / 242 | 259 / 259 |
| qA / qABre | 576 / 651 | 606 / 697 | 654 / 747 | 715 / 822 | 792 / 927 | 836 / 971 | 934 / 1062 | 536 / 611 | 566 / 657 | 614 / 708 | 675 / 782 | 752 / 887 | 836 / 971 | 934/ 1062 |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 | 276 / 351 | 306 / 397 | 354 / 448 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 |
| qz | 300 | | | | | | | 300 | | | | | | |
| m / mBre | 26 / 30 | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 | 26 / 30 | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 74 / 74 |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 |
| h2 | 212 | | | | | | | 212 | | | | | | |
| ⇨ 🕮 | SK 9082.1 ⇨ 🕮 E106-107 , SK 9086.1 ⇨ 🕮 E108-109 | | | | | | | SK 9092.1 ⇨ 🕮 E110-111 | | | | | | |

# SK 9096.1/62

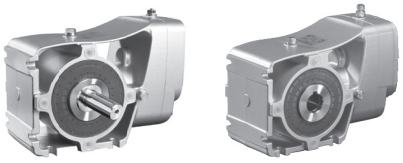




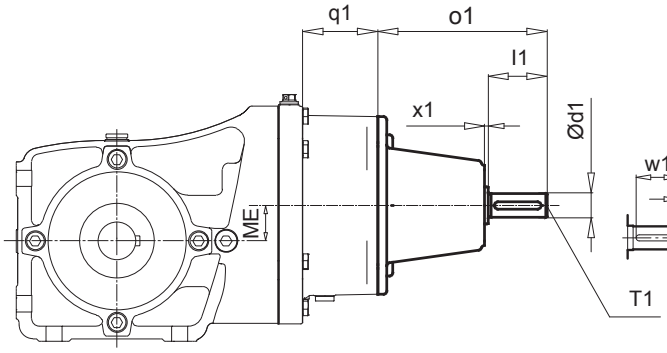



| ⇨ 🕮 A61 | SK 9096.1/62 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | 225 RP | 225 SP/MP | | |
| g | 202 | 226 | 264 | 320 | 320 | 358 | 443 | 443 | | |
| g1 / g1Bre | 170 / 172 | 180 / 182 | 204 / 202 | 242 / 242 | 242 / 242 | 259 / 259 | 347 / 347 | 347 / 347 | | |
| qA / qABre | 707 / 798 | 755 / 848 | 816 / 923 | 893 / 1028 | 937 / 1072 | 1015 / 1143 | 1143 / 1323 | 1143 / 1323 | | |
| o / oBre | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 614 / 742 | 742 / 922 | 742 / 922 | | |
| qz | 401 | | | | | | | | | |
| m / mBre | 32 / 35 | 38 / 41 | 51 / 42 | 52 / 52 | 52 / 52 | 55 / 55 | 94 / 94 | 94 / 94 | | |
| n / nBre | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | | |
| p / pBre | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | 245 / 245 | 245 / 245 | | |
| h2 | 245 | | | | | | | | | |
| ⇨ 🕮 | SK 9096.1 ⇨ 🕮 E112-113 | | | | | | | | | |

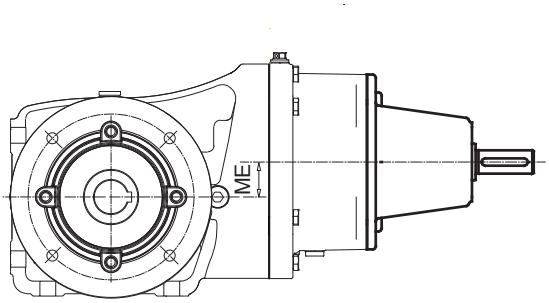
🕮 E131



**SK 92072.1 V (A) - W**
**SK 92172.1 V (A) - W**

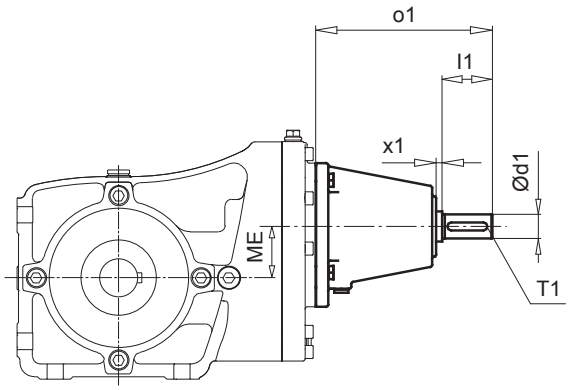


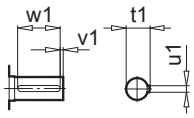

**SK 92072.1 VF (AF) - W**
**SK 92172.1 VF (AF) - W**



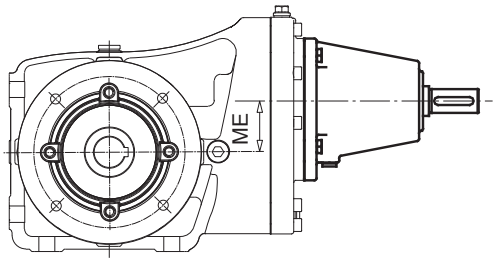

| Gear units types | q1 |
|---|---|
| SK 92072.1 | 46 |
| SK 92172.1 | 44,5 |

**SK 92372.1 V (A) - W**
**SK 92672.1 V (A) - W**
**SK 92772.1 V (A) - W**




**SK 92372.1 VF (AF) - W**
**SK 92672.1 VF (AF) - W**
**SK 92772.1 VF (AF) - W**

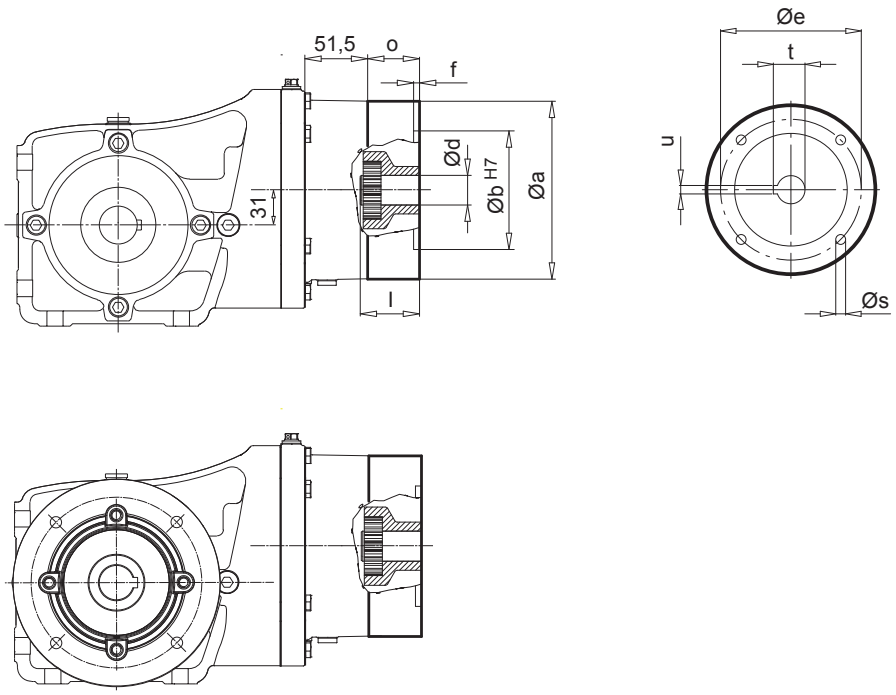



| Type | ⇨ 🕮 |
|---|---|
| SK 92072.1 | E60-61 |
| SK 92172.1 | E62-63 |
| SK 92372.1 | E64-65 |
| SK 92672.1 | E66-67 |
| SK 92772.1 | E68-69 |

| Gear units types | ME | d1 | l1 | o1 | x1 | u1 | t1 | v1 | w1 | T1 |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 92072.1 V (A) / SK 92072.1 VF (AF) | 31 | 16 | 40 | 114,5 | 2,5 | 5 | 18 | 4 | 32 | M6 |
| SK 92172.1 V (A) / SK 92172.1 VF (AF) | 39 | 16 | 40 | 114,5 | 2,5 | 5 | 18 | 4 | 32 | M6 |
| SK 92372.1 V (A) / SK 92372.1 VF (AF) | 45 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 92672.1 V (A) / SK 92672.1 VF (AF) | 57 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 92772.1 V (A) / SK 92772.1 VF (AF) | 77 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |

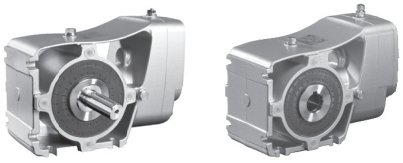
## SK 92072.1 V (A) - IEC 56...80
## SK 92072.1 VF(AF) - IEC 56...80

⇨ 🕮 E60-61



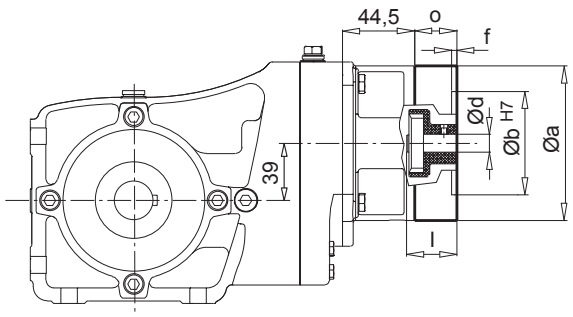

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 56 - C105 | 105 | 70 | 85 | 3 | 7 | 33 | 9 | 20 | 11,4 | 3 |
| IEC 56 - A120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |

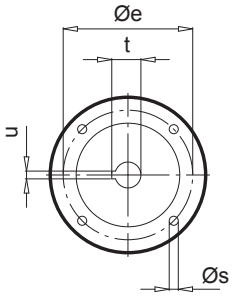
* IEC-Advantages row

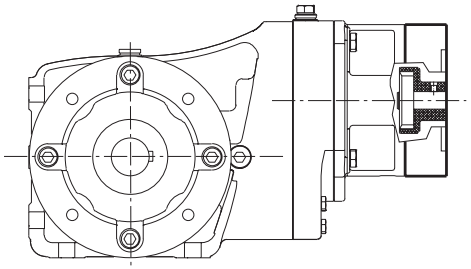


**SK 92172.1 V (A) - IEC 56...90**
**SK 92172.1 VF(AF) - IEC 56...90**

⇨ 🕮 E62-63



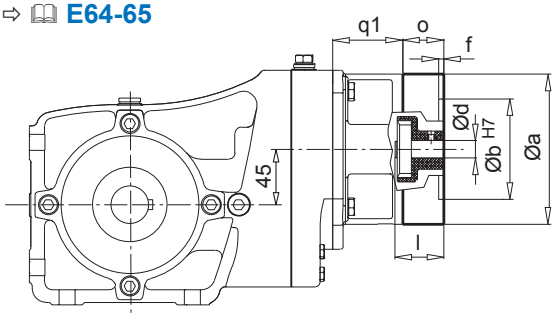


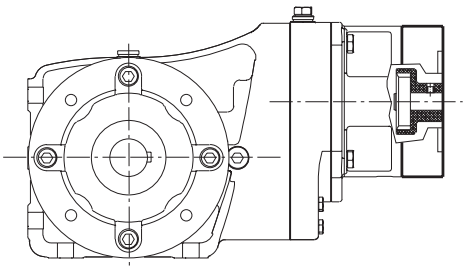
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 56 - C105** | 105 | 70 | 85 | 3 | 7 | 33 | 9 | 20 | 11,4 | 3 |
| **IEC 56 - A120** | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| **IEC 63 - C90 *** | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| **IEC 71 - C105 *** | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| **IEC 71 - A160** | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| **IEC 80 - C120 *** | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| **IEC 80 - C160** | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| **IEC 80 - A200** | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| **IEC 90 - C140 *** | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| **IEC 90 - C160** | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| **IEC 90 - A200** | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

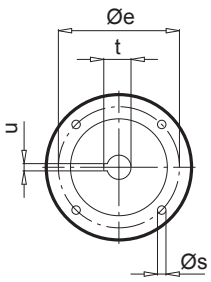
* IEC-Advantages row

## SK 92372.1 V (A) - IEC 63...90
## SK 92372.1 VF(AF) - IEC 63...90

⇨ 🕮 E64-65





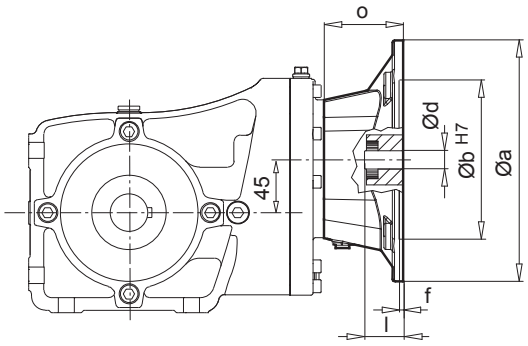

| $i_{ges}$ | q1 |
|---|---|
| ≥ 18,33 | 57 |
| < 18,33 | 41 |

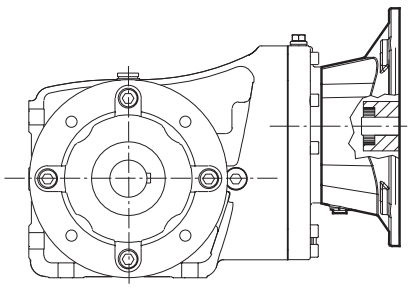
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

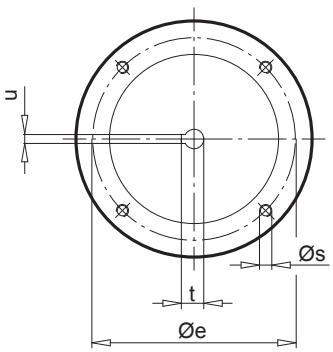
* IEC-Advantages row

## SK 92372.1 V (A) - IEC 100
## SK 92372.1 VF(AF) - IEC 100

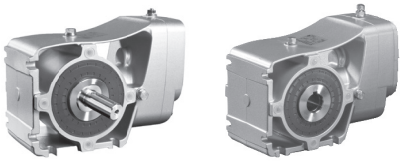
⇨ 🕮 E64-65



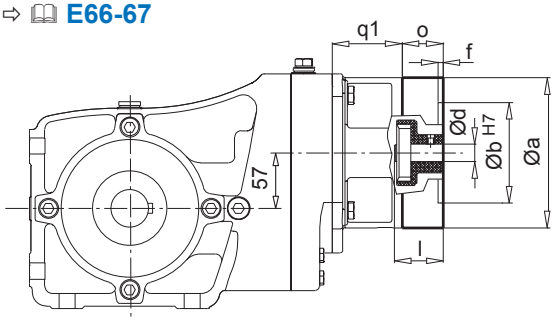


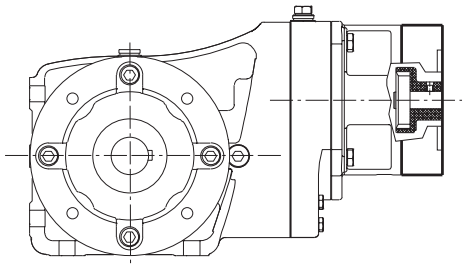

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |

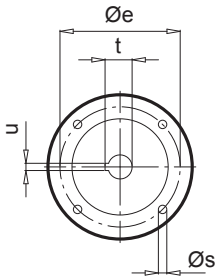


## SK 92672.1 V (A) - IEC 63...90
## SK 92672.1 VF(AF) - IEC 63...90

⇨ 🕮 E66-67





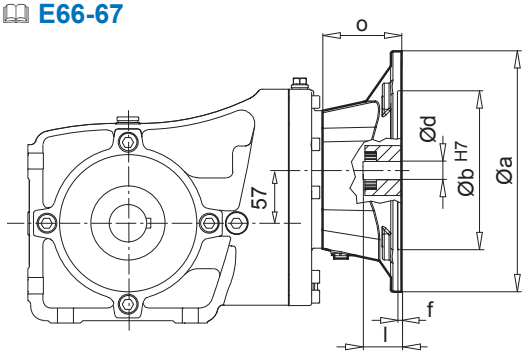

| $i_{ges}$ | q1 |
|---|---|
| ≥ 18,21 | 57 |
| < 18,21 | 41 |

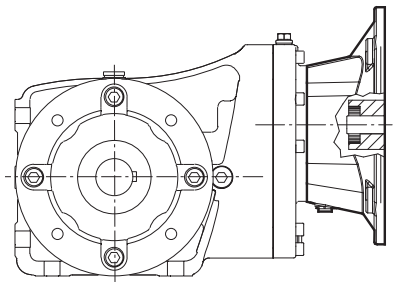
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

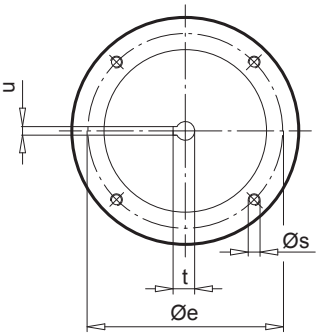
* IEC-Advantages row

## SK 92672.1 V (A) - IEC 100...132
## SK 92672.1 VF(AF) - IEC 100...132

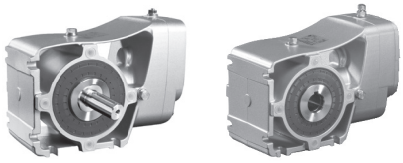
⇨ 🕮 E66-67



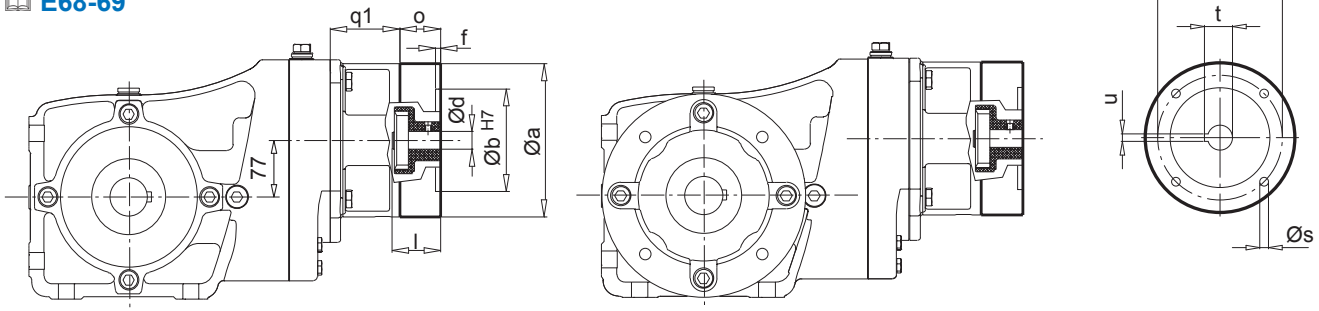



| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 111 | 38 | 80 | 41,3 | 10 |



## SK 92772.1 V (A) - IEC 63...90
## SK 92772.1 VF(AF) - IEC 63...90

⇨ 🕮 E68-69



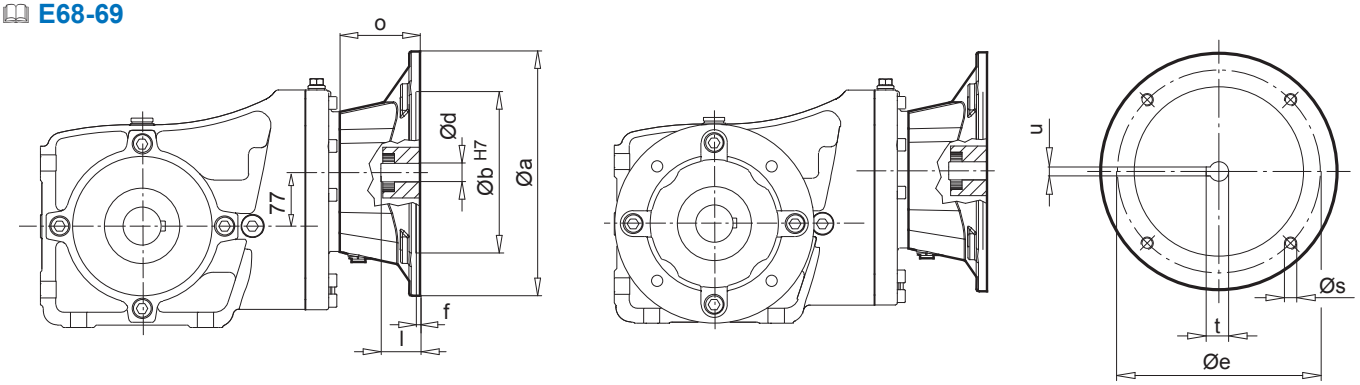

| $i_{ges}$ | q1 |
|---|---|
| ≥ 28,38 | 57 |
| < 28,38 | 41 |

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

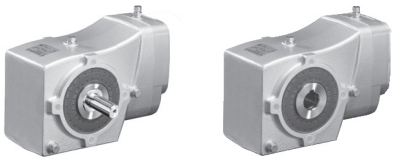
* IEC-Advantages row

## SK 92772.1 V (A) - IEC 100...132
## SK 92772.1 VF(AF) - IEC 100...132

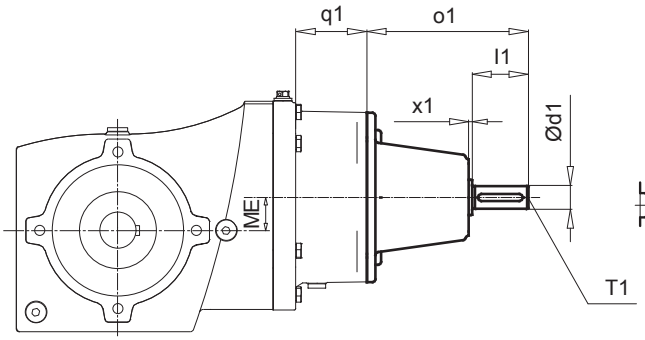
⇨ 🕮 E68-69



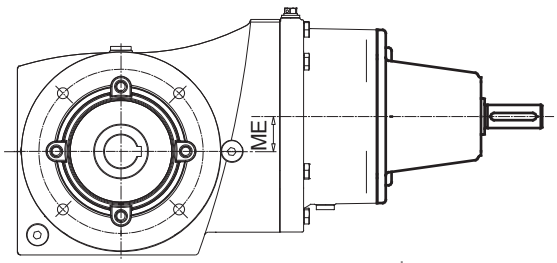

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 111 | 38 | 80 | 41,3 | 10 |



**SK 93072.1 V (A) - W**
**SK 93172.1 V (A) - W**

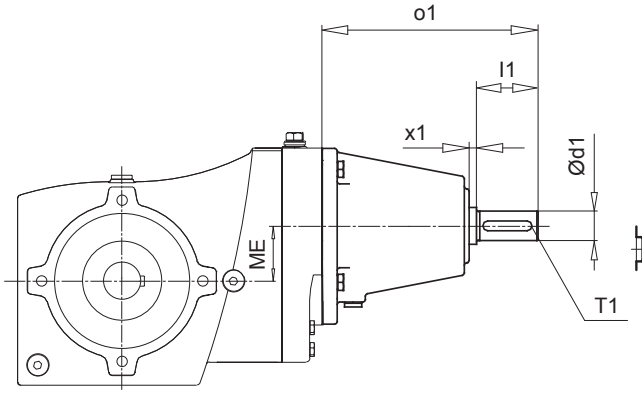



**SK 93072.1 VF (AF) - W**
**SK 93172.1 VF (AF) - W**

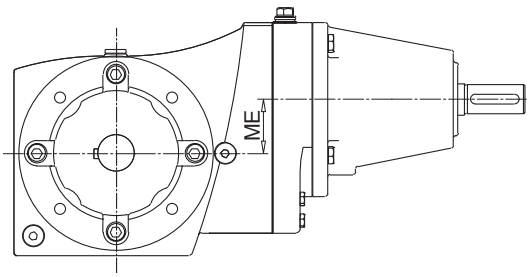



| Gear units types | q1 |
|---|---|
| SK 93072.1 | 51,5 |
| SK 93172.1 | 64 |

**SK 93372.1 V (A) - W**
**SK 93672.1 V (A) - W**
**SK 93772.1 V (A) - W**




**SK 93372.1 VF (AF) - W**
**SK 93672.1 VF (AF) - W**
**SK 93772.1 VF (AF) - W**

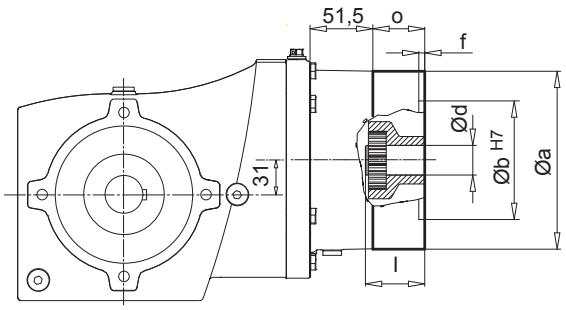


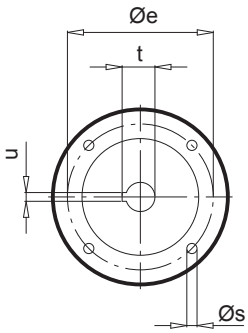

| Type | ⇨ 🕮 |
|---|---|
| SK 93072.1 | E70-71 |
| SK 93172.1 | E72-73 |
| SK 93372.1 | E74-75 |
| SK 93672.1 | E76-77 |
| SK 93772.1 | E78-79 |

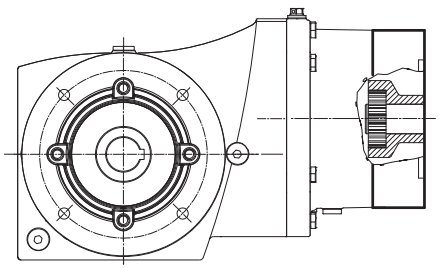
| Gear units types | ME | d1 | l1 | o1 | x1 | u1 | t1 | v1 | w1 | T1 |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 93072.1 V (A) / SK 93072.1 VF (AF) | 31 | 16 | 40 | 114,5 | 2,5 | 5 | 18 | 4 | 32 | M6 |
| SK 93172.1 V (A) / SK 93172.1 VF (AF) | 39 | 16 | 40 | 114,5 | 2,5 | 5 | 18 | 4 | 32 | M6 |
| SK 93372.1 V (A) / SK 93372.1 VF (AF) | 45 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 93672.1 V (A) / SK 93672.1 VF (AF) | 57 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |
| SK 93772.1 V (A) / SK 93772.1 VF (AF) | 77 | 24 | 50 | 177,5 | 8 | 8 | 27 | 5 | 40 | M8 |

## SK 93072.1 V (A) - IEC 56...80
## SK 93072.1 VF(AF) - IEC 56...80

⇨ 🕮 E70-71

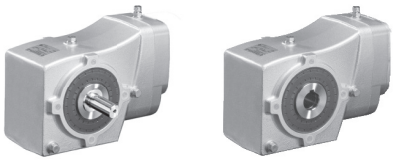


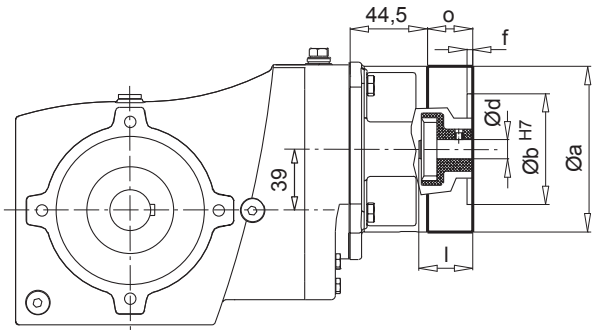
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **IEC 56 - C105** | 105 | 70 | 85 | 3 | 7 | 33 | 9 | 20 | 11,4 | 3 |
| **IEC 56 - A120** | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| **IEC 63 - C90 *** | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| **IEC 63 - C120** | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| **IEC 63 - A140** | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| **IEC 71 - C105 *** | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| **IEC 71 - C140** | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| **IEC 71 - A160** | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| **IEC 80 - C120 *** | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| **IEC 80 - C160** | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| **IEC 80 - A200** | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |

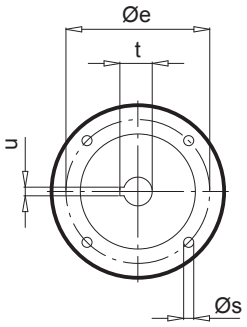
* IEC-Advantages row

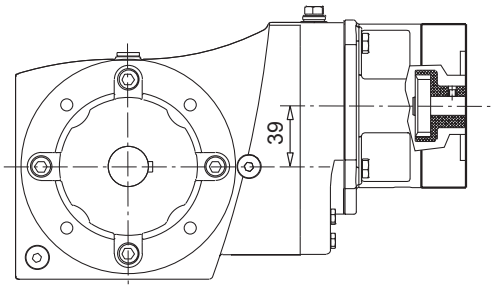


## SK 93172.1 V (A) - IEC 56...90
## SK 93172.1 VF(AF) - IEC 56...90

⇨ 🕮 E72-73



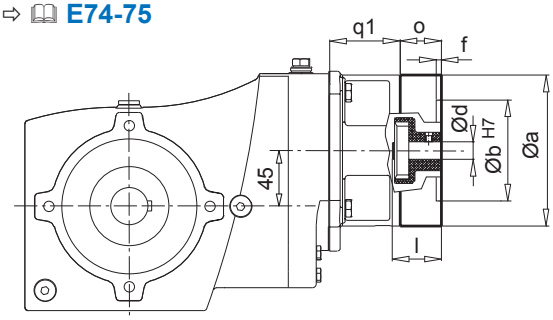


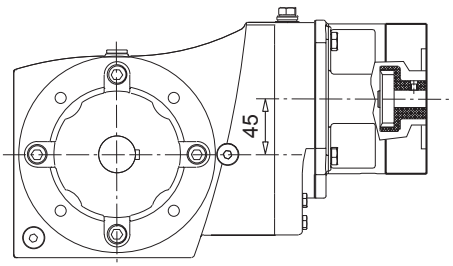

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 56 - C105 | 105 | 70 | 85 | 3 | 7 | 33 | 9 | 20 | 11,4 | 3 |
| IEC 56 - A120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

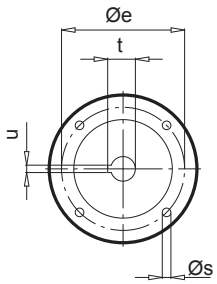
* IEC-Advantages row

## SK 93372.1 V (A) - IEC 63...90
## SK 93372.1 VF(AF) - IEC 63...90

⇨ 🕮 E74-75



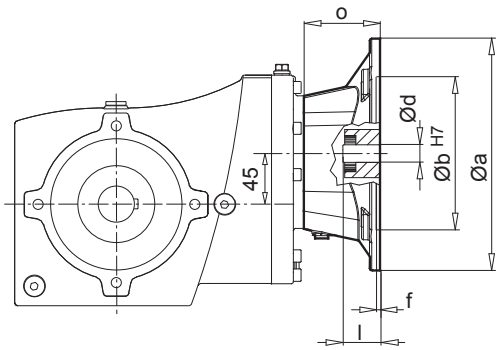

| $i_{ges}$ | q1 |
|---|---|
| ≥ 18,33 | 57 |
| < 18,33 | 41 |

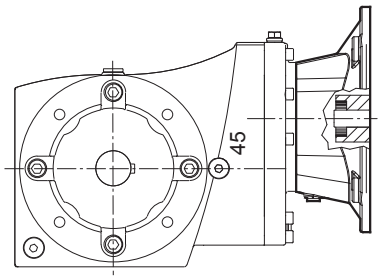
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

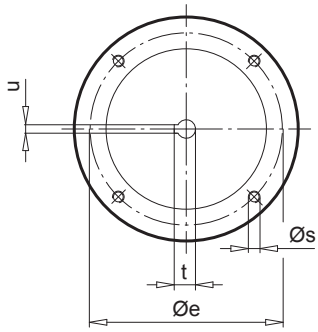
* IEC-Advantages row

## SK 93372.1 V (A) - IEC 100
## SK 93372.1 VF(AF) - IEC 100

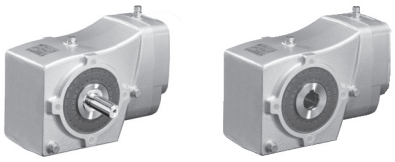
⇨ 🕮 E74-75



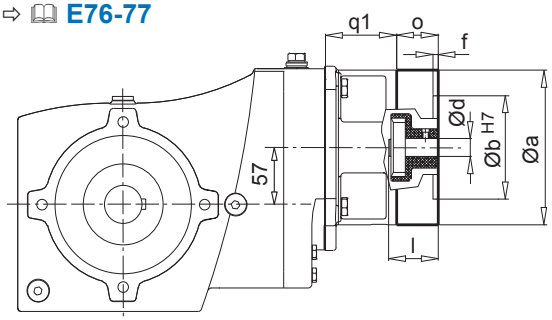

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |

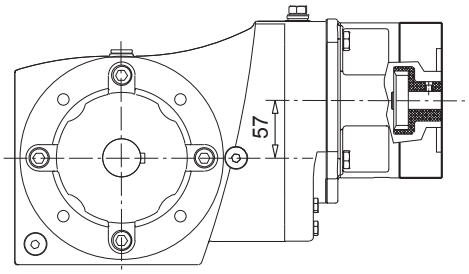


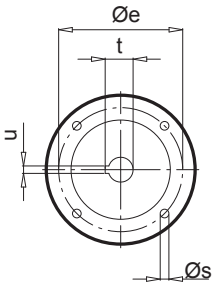


## SK 93672.1 V (A) - IEC 63...90
## SK 93672.1 VF(AF) - IEC 63...90

⇨ 🕮 E76-77




| $i_{ges}$ | q1 |
|---|---|
| ≥ 18,21 | 57 |
| < 18,21 | 41 |

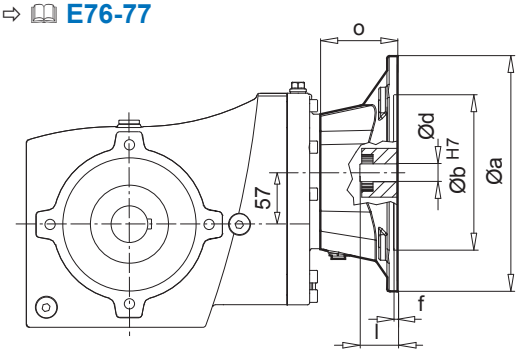
| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

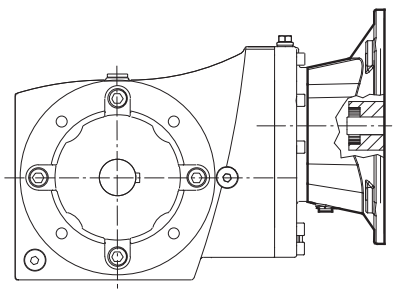
* IEC-Advantages row

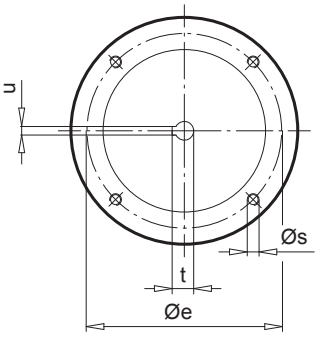


## SK 93672.1 V (A) - IEC 100...132
## SK 93672.1 VF(AF) - IEC 100...132

⇨ 🕮 E76-77



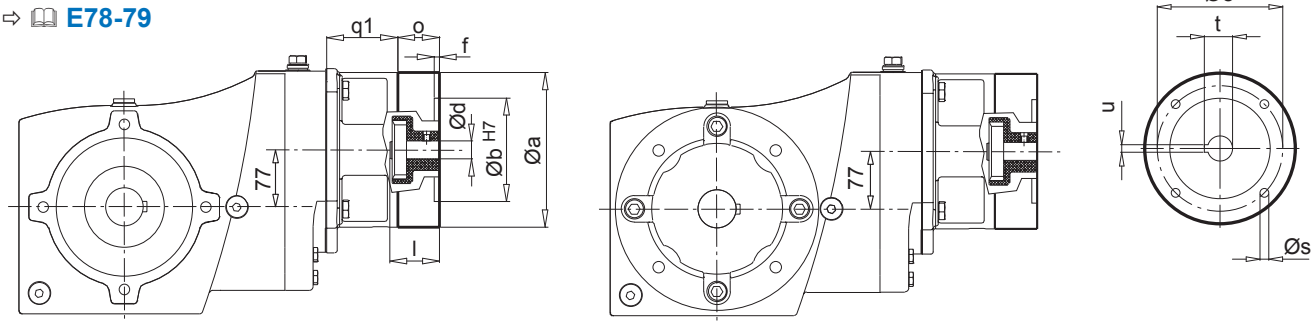






| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 111 | 38 | 80 | 41,3 | 10 |

## SK 93772.1 V (A) - IEC 63...90
## SK 93772.1 VF(AF) - IEC 63...90

⇨ 🕮 E78-79



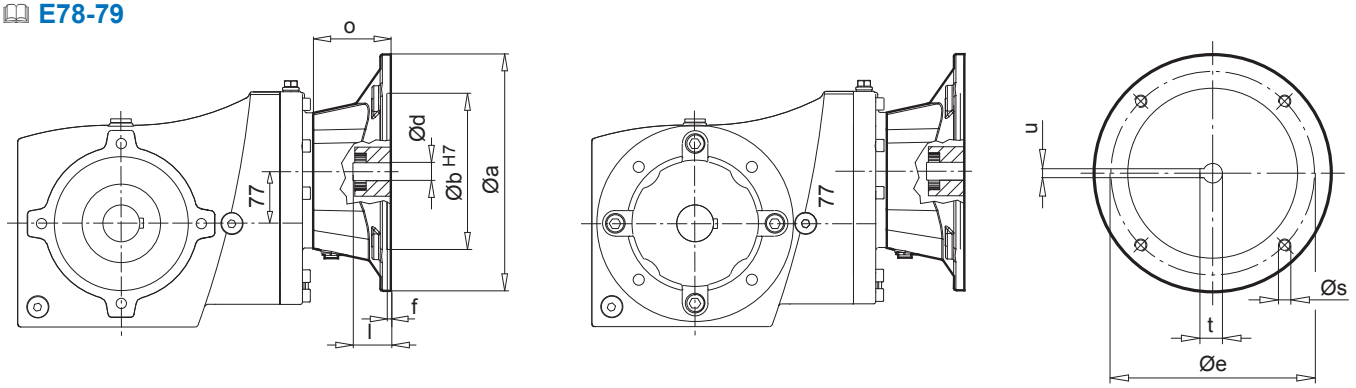

| $i_{ges}$ | q1 |
|---|---|
| ≥ 28,38 | 57 |
| < 28,38 | 41 |

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 63 - C90 * | 90 | 60 | 75 | 3 | 6 | 33 | 11 | 23 | 12,8 | 4 |
| IEC 63 - C120 | 120 | 80 | 100 | 3,5 | 7 | 33 | | | | |
| IEC 63 - A140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - C105 * | 105 | 70 | 85 | 3 | 7 | 33 | 14 | 30 | 16,3 | 5 |
| IEC 71 - C140 | 140 | 95 | 115 | 3,5 | 9 | 33 | | | | |
| IEC 71 - A160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - C120 * | 120 | 80 | 100 | 3,5 | 7 | 33 | 19 | 40 | 21,8 | 6 |
| IEC 80 - C160 | 160 | 110 | 130 | 4 | 9 | 33 | | | | |
| IEC 80 - A200 | 200 | 130 | 165 | 4 | M10x20 | 33 | | | | |
| IEC 90 - C140 * | 140 | 95 | 115 | 3,5 | 9 | 46 | 24 | 50 | 27,3 | 8 |
| IEC 90 - C160 | 160 | 110 | 130 | 4 | 9 | 46 | | | | |
| IEC 90 - A200 | 200 | 130 | 165 | 4 | M10x20 | 46 | | | | |

* IEC-Advantages row

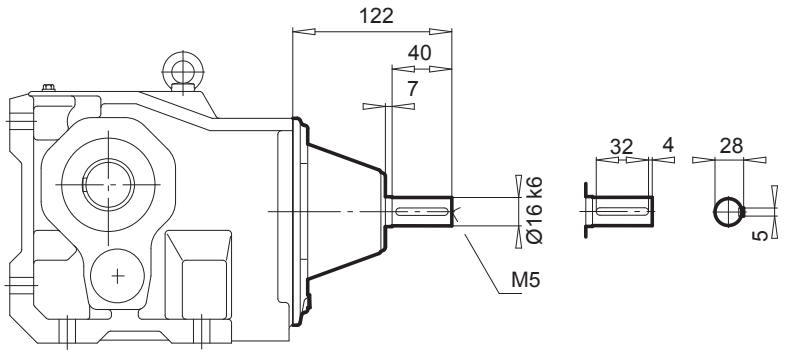
## SK 93772.1 V (A) - IEC 100...132
## SK 93772.1 VF(AF) - IEC 100...132

⇨ 🕮 E78-79



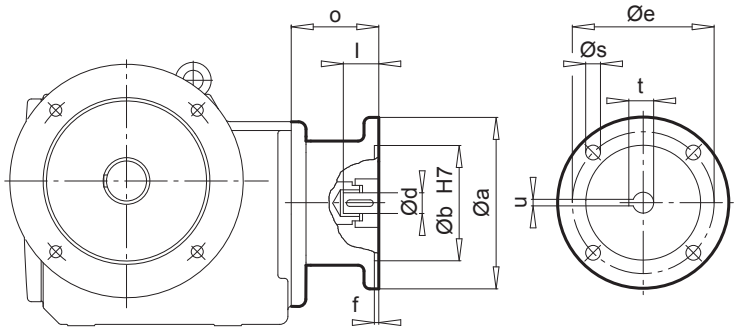

| IEC | a | b | e | f | s | o | d | l | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC 100 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 112 | 250 | 180 | 215 | 5 | M12 | 82 | 28 | 60 | 31,3 | 8 |
| IEC 132 | 300 | 230 | 265 | 5 | M12 | 111 | 38 | 80 | 41,3 | 10 |

## SK ... - W

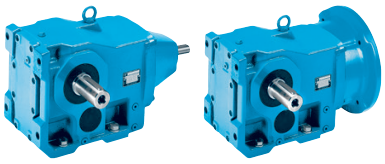



| Type | ⇨ 🕮 |
|---|---|
| SK 9012.1 | E80-81 |
| SK 9013.1 | E82-83 |
| SK 9016.1 | E84-85 |
| SK 9017.1 | E86-87 |
| SK 9022.1 | E88-89 |
| SK 9023.1 | E90-91 |
| SK 9033.1 | E94-95 |

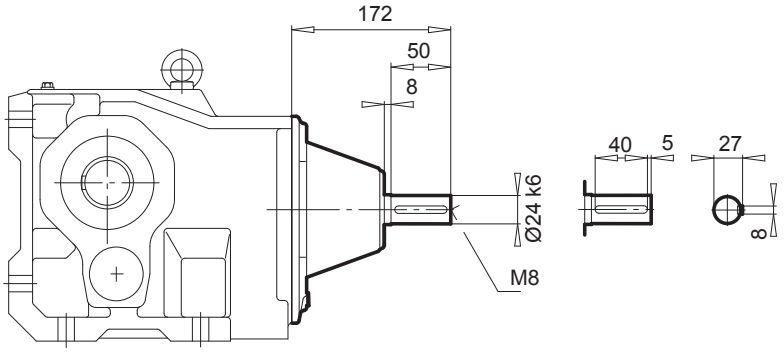
## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **63** | 140 | 95 | 11 | 115 | 3,5 | 23 | 85 | M8 | 12,8 | 4 |
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 105 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |

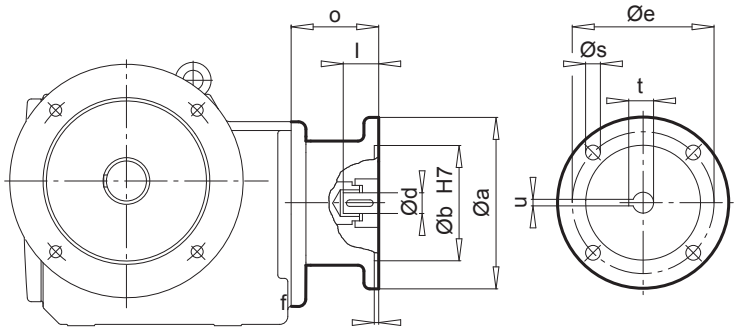


## SK ... - W

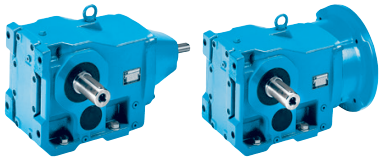



| Type | ⇨ 🕮 |
|---|---|
| SK 9032.1 | E92-93 |
| SK 9043.1 | E98-99 |
| SK 9053.1 | E102-103 |
| SK 9072.1/32 | E114 |

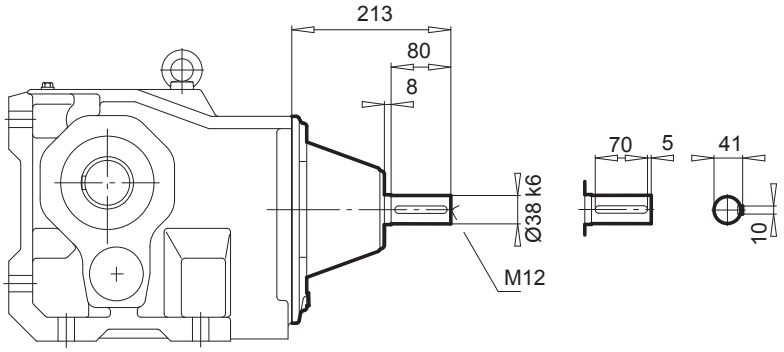
## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 105 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 156 | M12 | 41,3 | 10 |

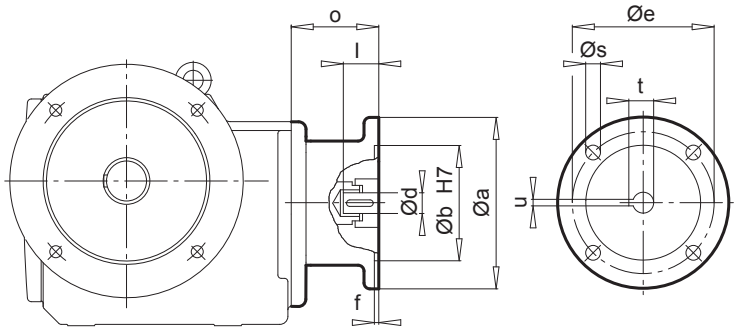


## SK ... - W

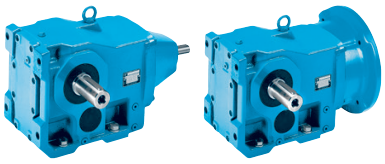



| Type | ⇨ 🕮 |
|---|---|
| SK 9042.1 | E96-97 |
| SK 9052.1 | E100-101 |
| SK 9072.1/42 | E114 |
| SK 9082.1/42 | E114 |
| SK 9082.1/52 | E114 |
| SK 9086.1/52 | E114 |
| SK 9092.1/52 | E114 |

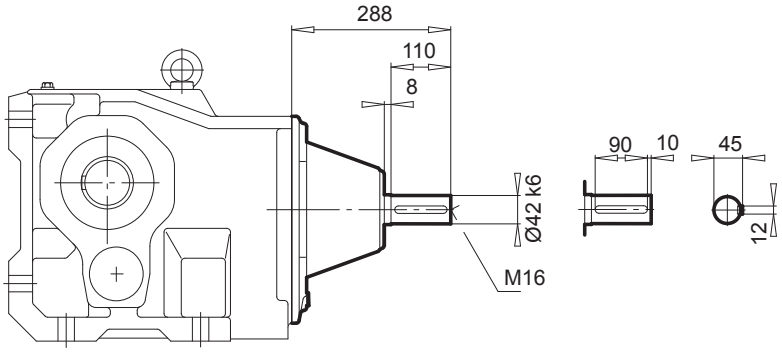
## SK ... - IEC ...




| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 190 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 194 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 194 | M16 | 51,8 | 14 |

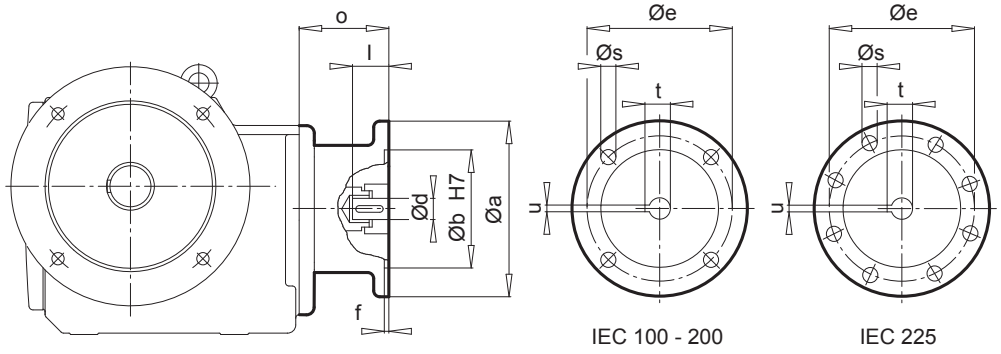


## SK ... - W



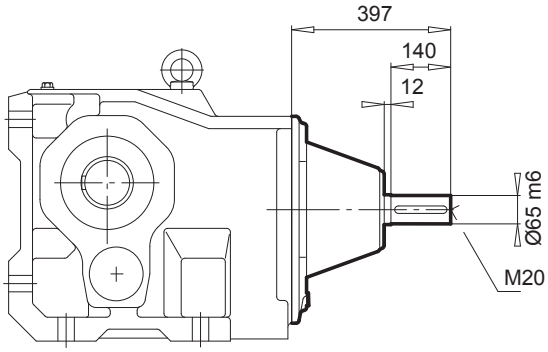

| Type | ⇨ 🕮 |
|---|---|
| SK 9072.1 | E104-105 |
| SK 9092.1/62 | E115 |

## SK ... - IEC ...

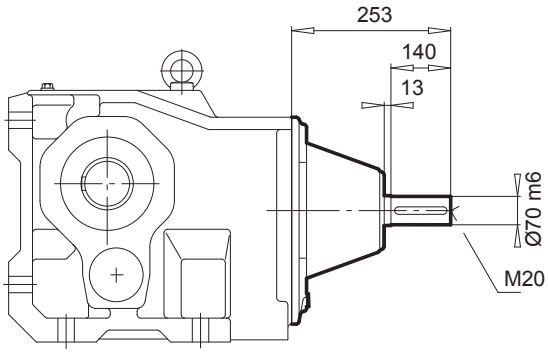



| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 127 | M12 | 31,3 | 8 |
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |

## SK ... - W

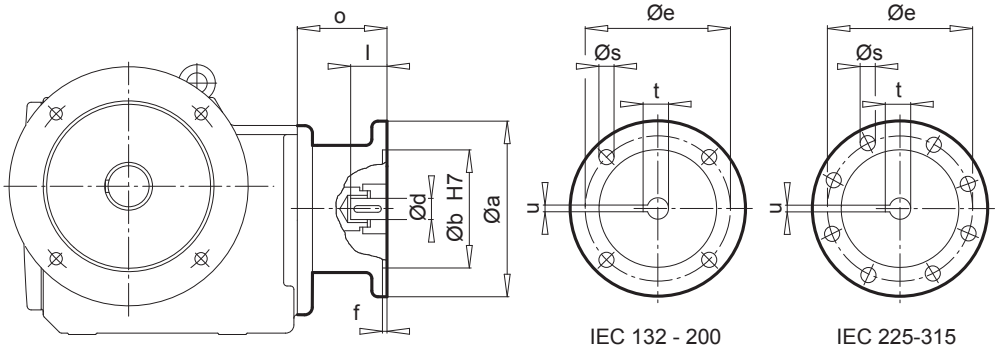



| Type | ⇨ 🕮 |
|---|---|
| SK 9082.1 | E106-107 |
| SK 9086.1 | E108-109 |
| SK 9092.1 | E110-112 |

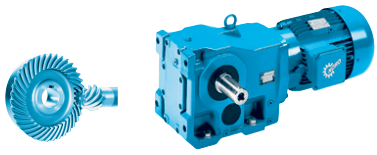



| Type | ⇨ 🕮 |
|---|---|
| SK 9096.1 | E112-113 |

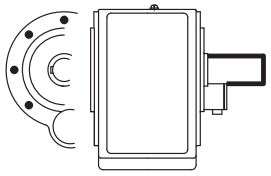
## SK ... - IEC ...



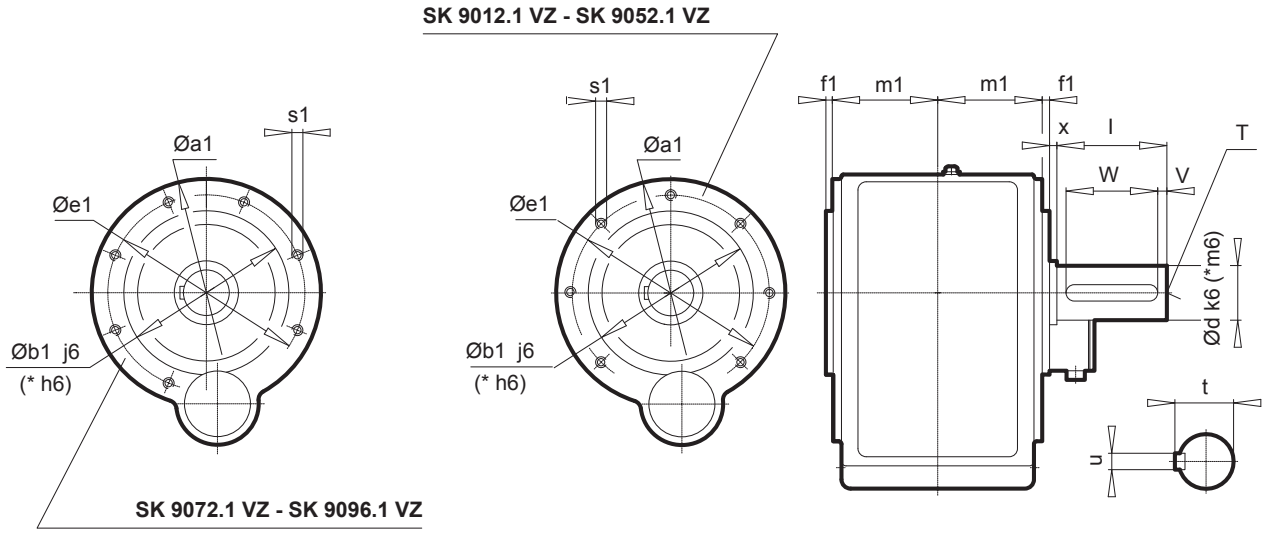

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **132** | 300 | 230 | 38 | 265 | 5,0 | 80 | 177 | M12 | 41,3 | 10 |
| **160** | 350 | 250 | 42 | 300 | 6,0 | 110 | 266 | M16 | 45,3 | 12 |
| **180** | 350 | 250 | 48 | 300 | 6,0 | 110 | 266 | M16 | 51,8 | 14 |
| **200** | 400 | 300 | 55 | 350 | 6,0 | 110 | 229 | M16 | 59,3 | 16 |
| **225** | 450 | 350 | 60 | 400 | 6,0 | 140 | 303 | M16 | 64,4 | 18 |
| **250** | 550 | 450 | 65 | 500 | 6,0 | 140 | 303,5 | M16 | 69,4 | 18 |
| **280** | 550 | 450 | 75 | 500 | 6,0 | 140 | 303,5 | M16 | 79,9 | 20 |
| **315** | 660 | 550 | 80 | 600 | 7,0 | 170 | 381,5 | M20 | 85,4 | 22 |



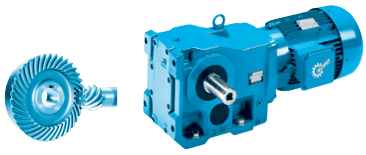
VZ



## SK ... VZ

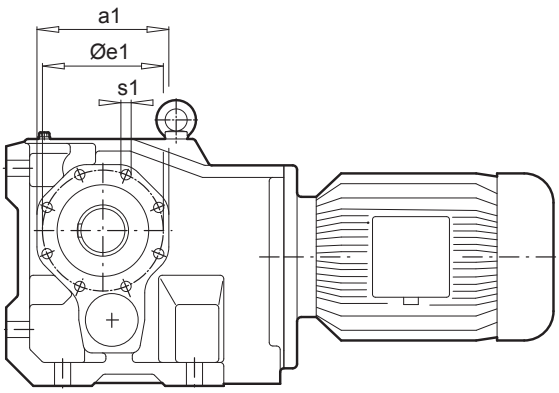


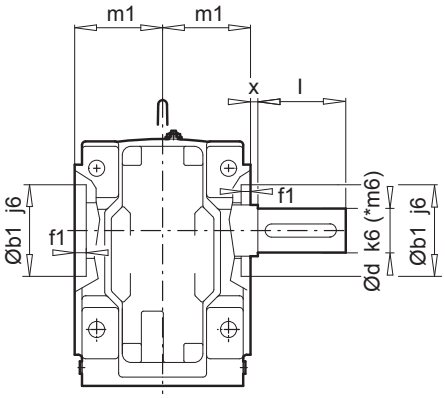

| ⇨ 🕮 A61 | a1 | b1 | e1 | f1 | s1 | m1 | d | l | t | u | v | w | x | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1 VZ**<br>**SK 9013.1 VZ** | 140 | 95 | 115 | 3 | M8 x 13 | 68 | 30 | 60 | 33,0 | 8 | 5 | 50 | 4 | M10 |
| **SK 9016.1 VZ**<br>**SK 9017.1 VZ** | 140 | 95 | 115 | 3 | M8 x 13 | 68 | 35 | 70 | 38,0 | 10 | 5 | 60 | 4 | M12 |
| **SK 9022.1 VZ**<br>**SK 9023.1 VZ** | 160 | 110 | 130 | 4 | M8 x 13 | 82 | 35 | 70 | 38,0 | 10 | 5 | 60 | 5 | M12 |
| **SK 9032.1 VZ**<br>**SK 9033.1 VZ** | 200 | 130 | 165 | 3 | M10 x 16 | 97 | 45 | 90 | 48,5 | 14 | 5 | 80 | 6 | M16 |
| **SK 9042.1 VZ**<br>**SK 9043.1 VZ** | 250 | 180 | 215 | 7 | M12 x 20 | 108 | *60 | 120 | 64,0 | 18 | 10 | 100 | 5 | M20 |
| **SK 9052.1 VZ**<br>**SK 9053.1 VZ** | 300 | 230 | 265 | 4 | M12 x 20 | 141 | *70 | 140 | 74,5 | 20 | 15 | 110 | 6 | M20 |
| **SK 9072.1 VZ**<br>**SK 9072.1/32 VZ**<br>**SK 9072.1/42 VZ** | 350 | *250 | 300 | 5 | M16 x 25 | 165 | *90 | 170 | 95,0 | 25 | 15 | 140 | 17 | M24 |
| **SK 9082.1 VZ**<br>**SK 9082.1/42 VZ**<br>**SK 9082.1/52 VZ** | 400 | *300 | 350 | 7 | M16 x 25 | 195 | *110 | 210 | 116,0 | 28 | 15 | 180 | 8 | M24 |
| **SK 9086.1 VZ**<br>**SK 9086.1/52 VZ** | 450 | *350 | 400 | 7 | M20 x 30 | 235 | *120 | 210 | 127,0 | 32 | 15 | 180 | 8 | M24 |
| **SK 9092.1 VZ**<br>**SK 9092.1/52 VZ** | 450 | *350 | 400 | 7 | M20 x 30 | 288 | *140 | 250 | 148,0 | 36 | 15 | 220 | 10 | M24 |
| **SK 9096.1 VZ**<br>**SK 9096.1/62 VZ** | 550 | *450 | 500 | 6,5 | M24 x 30 | 320 | *190 | 320 | 200,0 | 45 | 10 | 300 | 10,5 | M30 x 60 |

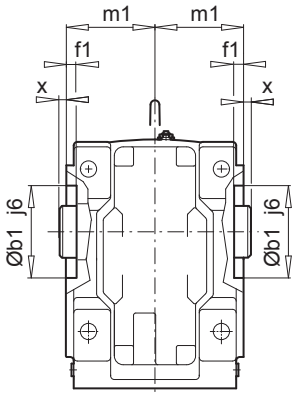




## SK ... VXZ

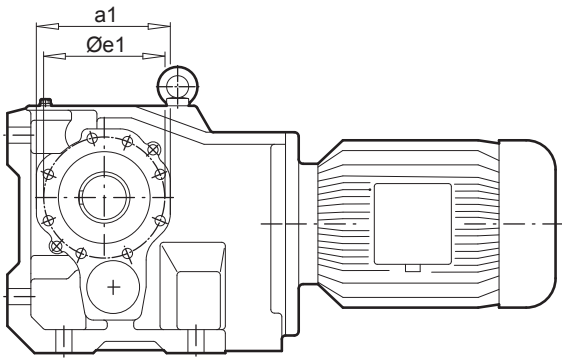


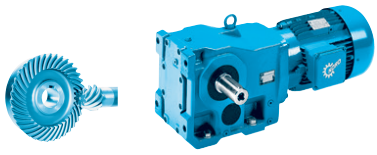



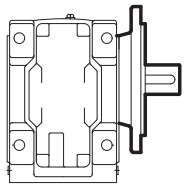

## ** SK9052.1 VXZ (AXZ)

(on inquiries and orders please specify a1 and Øe1 dimensions)

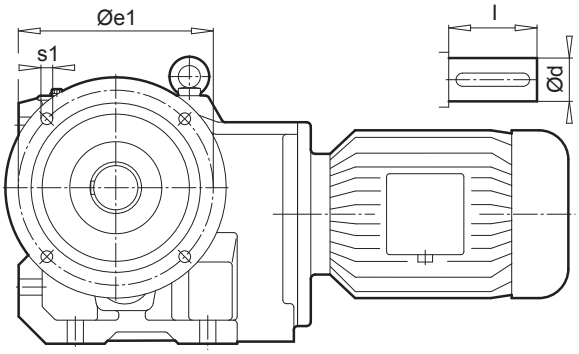


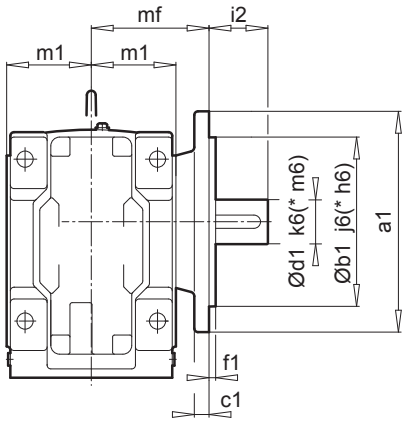

| ⇨ 🕮 A61 | a1 | b1 | e1 | f1 | s1 | m1 | d | l | x |
|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1 VXZ (AXZ)**<br>**SK 9013.1 VXZ (AXZ)** | 110 | 75 | 100 | 4 | M8 x 13 | 71 | 30 | 60 | 4 |
| **SK 9016.1 VXZ (AXZ)**<br>**SK 9017.1 VXZ (AXZ)** | 110 | 75 | 100 | 4 | M8 x 13 | 71 | 35 | 70 | 4 |
| **SK 9022.1 VXZ (AXZ)**<br>**SK 9023.1 VXZ (AXZ)** | 125 | 90 | 115 | 4 | M8 x 13 | 86 | 35 | 70 | 5 |
| **SK 9032.1 VXZ (AXZ)**<br>**SK 9033.1 VXZ (AXZ)** | 150 | 100 | 130 | 5 | M10 x 16 | 100 | 45 | 90 | 6 |
| **SK 9042.1 VXZ (AXZ)**<br>**SK 9043.1 VXZ (AXZ)** | 180 | 125 | 165 | 5 | M12 x 20 | 115 | *60 | 120 | 5 |
| **** SK 9052.1 VXZ (AXZ)**<br>**SK 9053.1 VXZ (AXZ)** | 230 | 180 | 205 | 5 | M12 x 20 | 145 | *70 | 140 | 6 |
| **SK 9072.1 VXZ (AXZ)**<br>**SK 9072.1/32 VXZ (AXZ)**<br>**SK 9072.1/42 VXZ (AXZ)** | 250 | 180 | 215 | 5 | M12 x 20 | 170 | *90 | 170 | 17 |
| **SK 9082.1 VXZ (AXZ)**<br>**SK 9082.1/42 VXZ (AXZ)**<br>**SK 9082.1/52 VXZ (AXZ)** | 300 | 230 | 265 | 5 | M12 x 20 | 200 | *110 | 210 | 8 |
| **SK 9086.1 VXZ (AXZ)**<br>**SK 9086.1/52 VXZ (AXZ)** | 350 | 250 | 300 | 15 | M16 x 25 | 238 | *120 | 210 | 8 |
| **SK 9092.1 VXZ**<br>**SK 9092.1/52 VXZ** | 400 | 290 | 350 | 18 | M20 x 30 | 295 | *140 | 250 | 10 |
| **SK 9096.1 VXZ**<br>**SK 9096.1/62 VXZ** | 440 | 310 | 400 | 18 | M20 x 30 | 326,5 | *190 | 320 | 10,5 |



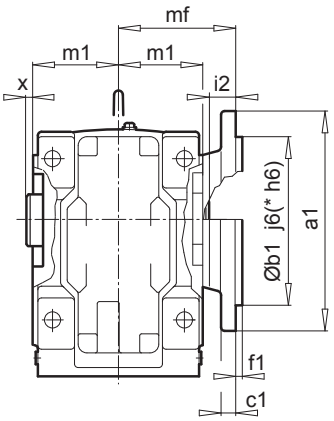


## SK ... VXF

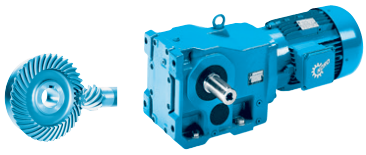



## SK ... AXF

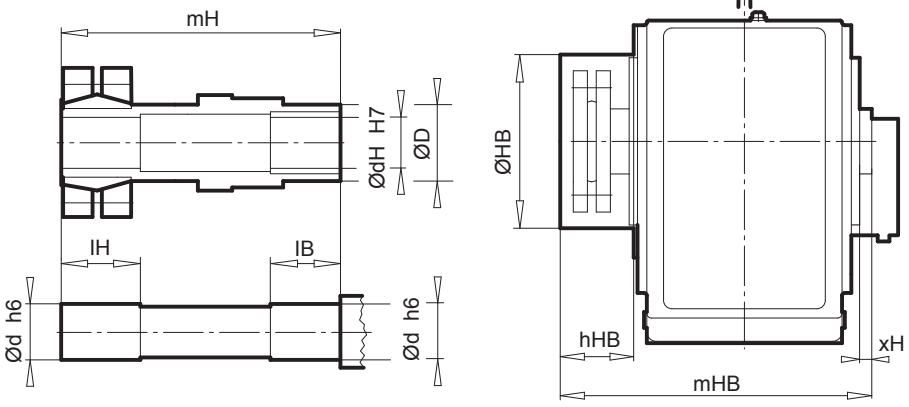



| ⇨ 🕮 A61 | | a1 | b1 | c1 | e1 | f1 | s1 | i2 | m1 | mF | d | l | x |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1**<br>**SK 9013.1** | **VXF (AXF)**<br>**VXF (AXF)** | 160 | 110 | 12 | 130 | 3,5 | 9 | 34 (27) | 71 | 101 | 30 | 60 | 3 |
| **SK 9016.1**<br>**SK 9017.1** | **VXF (AXF)**<br>**VXF (AXF)** | 160 | 110 | 12 | 130 | 3,5 | 9 | 44 (27)<br>34 (27) | 71 | 101 | 35 | 70 | 3 |
| **SK 9022.1**<br>**SK 9023.1** | **VXF (AXF)**<br>**VXF (AXF)** | 200 | 130 | 12 | 165 | 3,5 | 11 | 39 (31) | 86 | 121 | 35 | 70 | 4 |
| **SK 9032.1**<br>**SK 9033.1** | **VXF (AXF)**<br>**VXF (AXF)** | 250 | 180 | 16 | 215 | 4,0 | 13,5 | 56 (35) | 100 | 140 | 45 | 90 | 5 |
| **SK 9042.1**<br>**SK 9043.1** | **VXF (AXF)**<br>**VXF (AXF)** | 300 | 230 | 20 | 265 | 4,0 | 17,5 | 80 (40) | 115 | 160 | *60 | 120 | 5 |
| **SK 9052.1**<br>**SK 9053.1** | **VXF (AXF)**<br>**VXF (AXF)** | 350 | *250 | 20 | 300 | 5,0 | 17,5 | 86 (55) | 145 | 205 | *70 | 140 | 5 |
| **SK 9072.1**<br>**SK 9072.1/32**<br>**SK 9072.1/42** | **VXF (AXF)**<br>**VXF (AXF)**<br>**VXF (AXF)** | 400 | *300 | 20 | 350 | 5,0 | 18 | 112 (65) | 170 | 235 | *90 | 170 | 0 |



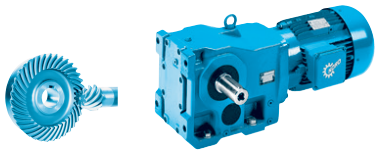
## SK ... AZVSH

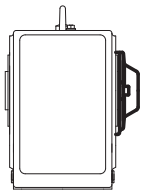
⇨ 🕮 A33



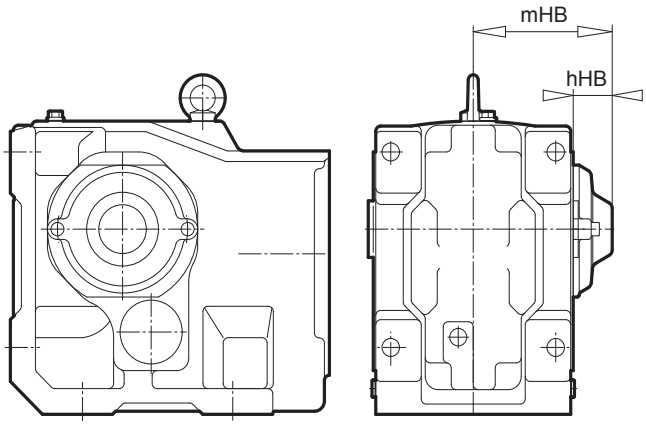



| ⇨ 🕮 A61 | D | dH | d | lB | lH | mH | xH | hHB | HB | mHB |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9072.1 AZVSH**<br>**SK 9072.1/32 AZVSH**<br>**SK 9072.1/42 AZVSH** | 120 | 95(85) | 95(85) | 80 | 110 | 464 | 5 | 170 | 17 | 487 |
| **SK 9082.1 AZVSH**<br>**SK 9082.1/42 AZVSH**<br>**SK 9082.1/52 AZVSH** | 140 | 110 | 110 | 80 | 160 | 587 | 8 | 210 | 8 | 613 |
| **SK 9086.1 AZVSH**<br>**SK 9086.1/52 AZVSH** | 160 | 130 | 130 | 80 | 170 | 674 | 8 | 210 | 8 | 720 |
| **SK 9092.1 AZVSH**<br>**SK 9092.1/52 AZVSH** | 200 | 150 | 150 | 100 | 130 | 754 | 10 | 250 | 10 | 828 |
| **SK 9096.1 AZVSH**<br>**SK 9096.1/62 AZVSH** | 200 | 160 | 155 | 95 | 229 | 904 | 10,5 | 320 | 10,5 | 929 |

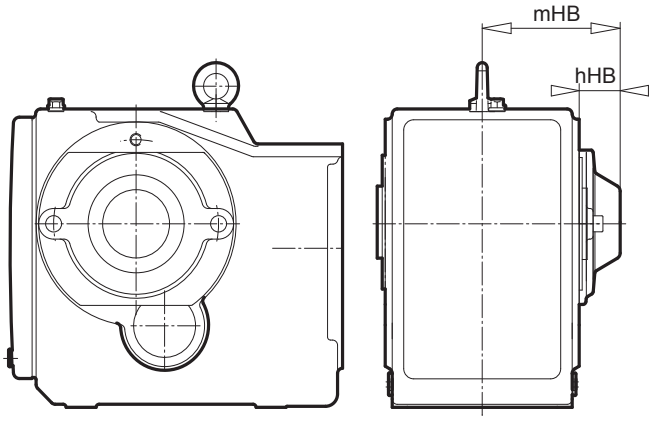




## SK ... AXZH

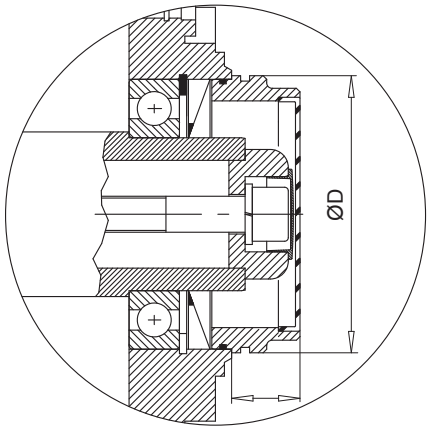



## SK ... AZH

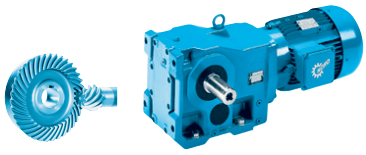



| ⇨ 🕮 A61 | hHB | mHB |
|---|---|---|
| SK 9012.1 AXZH | 37 | 108 |
| SK 9012.1 AZH | 42 | 110 |
| SK 9013.1 AXZH | 37 | 108 |
| SK 9013.1 AZH | 42 | 110 |
| SK 9016.1 AXZH | 37 | 108 |
| SK 9016.1 AZH | 42 | 110 |
| SK 9017.1 AXZH | 37 | 108 |
| SK 9017.1 AZH | 42 | 110 |
| SK 9022.1 AXZH | 42 | 128 |
| SK 9022.1 AZH | 44 | 126 |
| SK 9023.1 AXZH | 42 | 128 |
| SK 9023.1 AZH | 44 | 126 |
| SK 9032.1 AXZH | 44 | 144 |
| SK 9032.1 AZH | 47 | 144 |
| SK 9033.1 AXZH | 44 | 144 |
| SK 9033.1 AZH | 47 | 144 |
| SK 9042.1 AXZH | 45 | 160 |
| SK 9042.1 AZH | 55 | 163 |
| SK 9043.1 AXZH | 45 | 160 |
| SK 9043.1 AZH | 55 | 163 |
| SK 9052.1 AXZH | 47 | 192 |
| SK 9052.1 AZH | 60 | 201 |
| SK 9053.1 AXZH | 47 | 192 |
| SK 9053.1 AZH | 60 | 201 |
| SK 9072.1 AXZH | 53 | 223 |
| SK 9072.1 AZH | 62 | 227 |
| SK 9082.1 AXZH | 60 | 260 |
| SK 9082.1 AZH | 65 | 260 |
| SK 9086.1 AXZH | 53 | 291 |
| SK 9086.1 AZH | 84 | 319 |
| SK 9092.1 AXZH | 65 | 360 |
| SK 9092.1 AZH | 84 | 372 |
| SK 9096.1 AXZH | 84 | 410,5 |
| SK 9096.1 AZH | 58 | 378 |

## SK ... AZH66
## SK ... AXH66

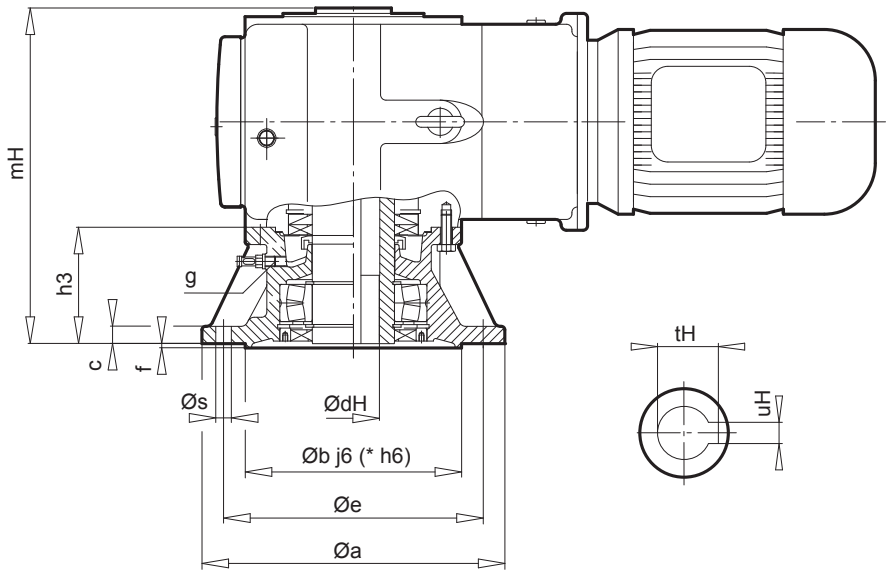



| ⇨ 🕮 A61 | D | L |
|---|---|---|
| SK 9012.1 AXH66 SK 9013.1 AXH66 | 80 | 25 |
| SK 9012.1 AZH66 SK 9013.1 AZH66 | 85 | 28 |
| SK 9016.1 AXH66 SK 9017.1 AXH66 | 80 | 25 |
| SK 9016.1 AZH66 SK 9017.1 AZH66 | 85 | 28 |
| SK 9022.1 AXH66 SK 9023.1 AXH66 | 95 | 30 |
| SK 9022.1 AZH66 SK 9023.1 AZH66 | 104 | 34 |
| SK 9032.1 AXH66 SK 9033.1 AXH66 | 104 | 34 |
| SK 9032.1 AZH66 SK 9033.1 AZH66 | 115 | 35 |
| SK 9042.1 AXH66 SK 9043.1 AXH66 | 104 | 35 |
| SK 9042.1 AZH66 SK 9043.1 AZH66 | 145 | 38 |
| SK 9052.1 AXH66 SK 9053.1 AXH66 | 188 | 44 |
| SK 9052.1 AZH66 SK 9053.1 AZH66 | 188 | 44 |
| SK 9072.1 AXH66 | 188 | 44 |
| SK 9072.1 AZH66 | 188 | 44 |
| SK 9082.1 AXH66 | 245 | 50 |
| SK 9082.1 AZH66 | 260 | 54 |
| SK 9086.1 AXH66 | 260 | 54 |
| SK 9086.1 AZH66 | 315 | 50 |

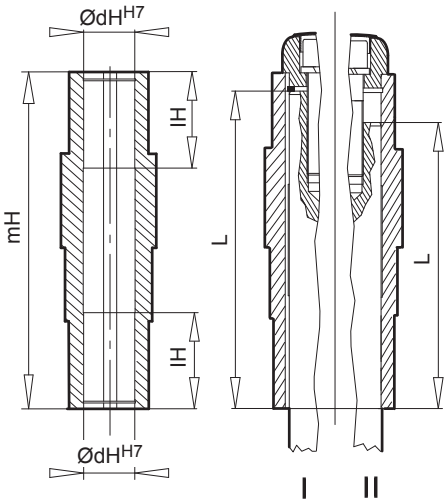


## SK ... AFVL

⇨ 🕮 A38

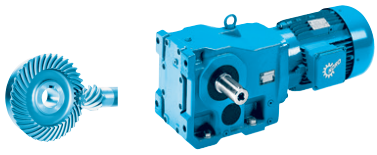


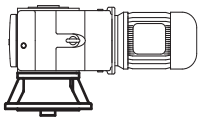

## SK ... AF(B)VL



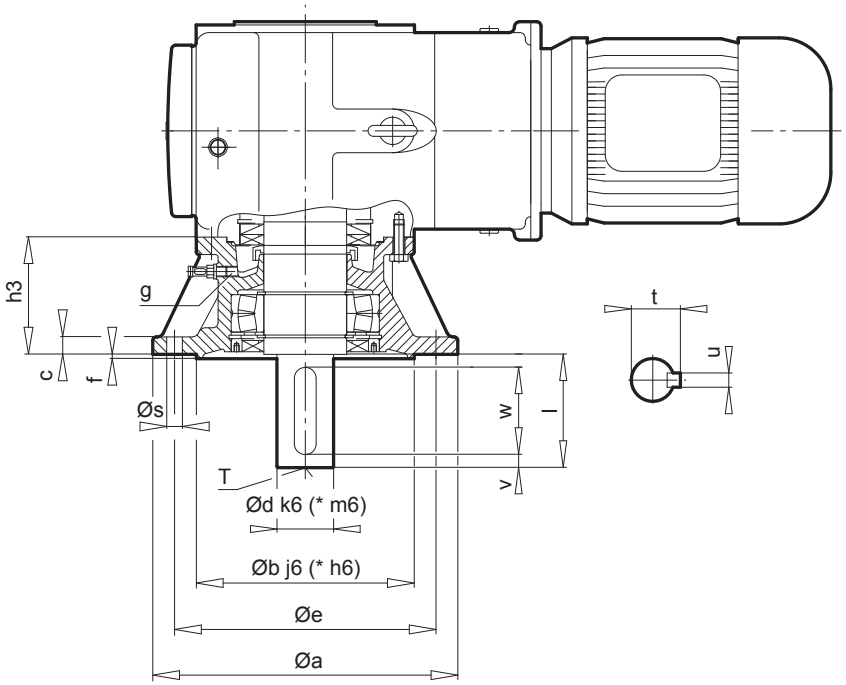



| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | dH | uH | tH | mH | dH H7 | lH | L I | L II |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1 AF .. SK 9013.1 AF ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 35 | 10 | 38,3 | 218 | 35 | 50 | 210,15 | 190 |
| **SK 9016.1 AF .. SK 9017.1 AF ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 35 | 10 | 38,5 | 218 | 40 | 50 | 208,85 | 190 |
| **SK 9022.1 AF .. SK 9023.1 AF ..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 13,5 | M12 x 1,5 | 40 | 12 | 43,3 | 258 | 40 | 60 | 247,85 | 228 |
| **SK 9032.1 AF .. SK 9033.1 AF ..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 50 | 14 | 53,8 | 287 | 50 | 70 | 276,35 | 247 |
| **SK 9042.1 AF .. SK 9043.1 AF ..** | 350 | *250 | 20 | 300 | 5,0 | 134,5 | 4 x 18 | M12 x 1,5 | 60 | 18 | 64,4 | 362,5 | 60 | 80 | 350,30 | 317,5 (322,5) |
| **SK 9052.1 AF .. SK 9053.1 AF ..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | 70 | 20 | 74,9 | 457 | 70 | 100 | 444,75 | 412 |
| **SK 9072.1 AF .. SK 9072.1/32 AF .. SK 9072.1/42 AF ..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | 80 | 22 | 85,4 | 524 | 80 | 120 | 510,85 | 464 |
| **SK 9082.1 AF .. SK 9082.1/42 AF .. SK 9082.1/52 AF ..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | 110 | 28 | 116,4 | 615 | 110 | 140 | 599,85 | 555 (560) |
| **SK 9086.1 AF .. SK 9086.1/52 AF ..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | 120 | 32 | 127,4 | 747 | 120 | 160 | 731,85 | 687 |

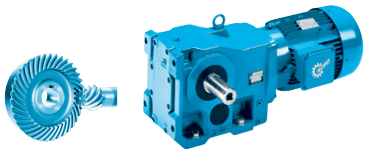




## SK ... VFVL

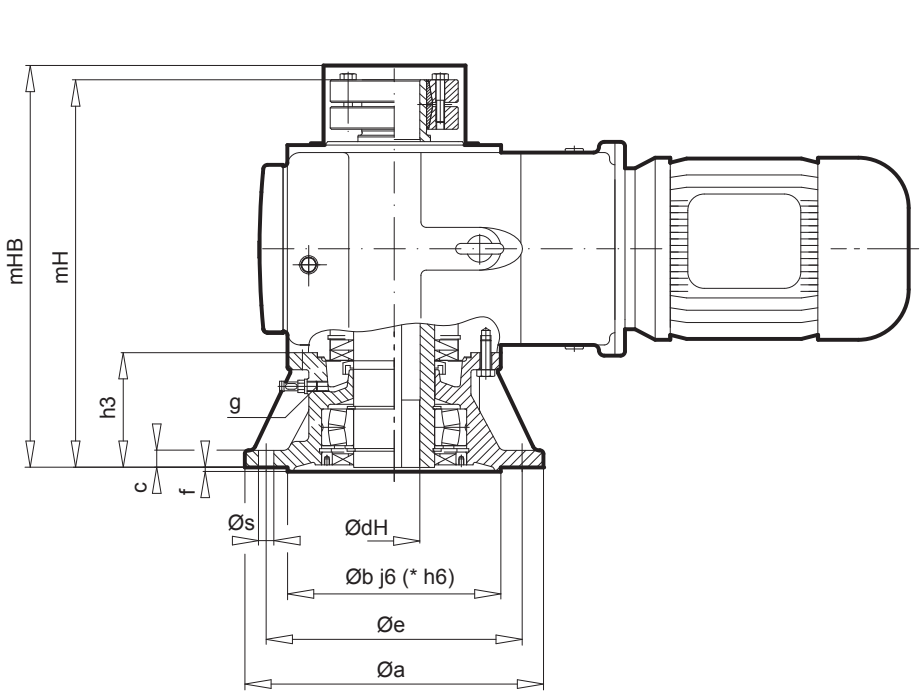


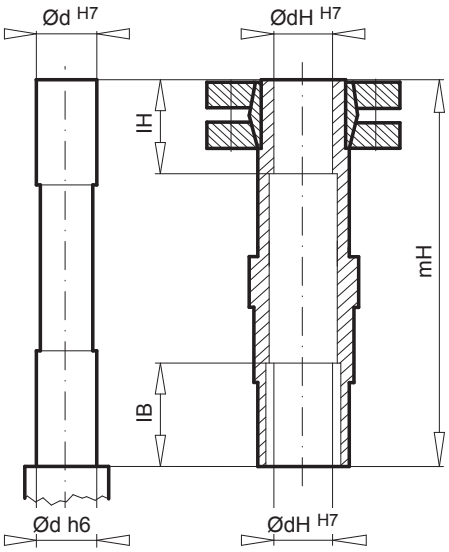

| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | d | l | t | u | v | w | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1 VF ..**<br>**SK 9013.1 VF ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 30 | 60 | 33,0 | 8 | 5 | 50 | M10 |
| **SK 9016.1 VF ..**<br>**SK 9017.1 VF ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 35 | 70 | 38,0 | 10 | 7 | 56 | M12 |
| **SK 9022.1 VF ..**<br>**SK 9023.1 VF ..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 14 | M12 x 1,5 | 35 | 70 | 38,0 | 10 | 7 | 56 | M12 |
| **SK 9032.1 VF ..**<br>**SK 9033.1 VF ..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 45 | 90 | 48,5 | 14 | 5 | 80 | M16 |
| **SK 9042.1 VF ..**<br>**SK 9043.1 VF ..** | 350 | *250 | 20 | 300 | 5,0 | 134,5 | 4 x 18 | M12 x 1,5 | *65 | 130 | 69,0 | 18 | 15 | 100 | M20 |
| **SK 9052.1 VF ..**<br>**SK 9053.1 VF ..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | *75 | 140 | 79,5 | 20 | 7,5 | 125 | M20 |
| **SK 9072.1 VF ..**<br>**SK 9072.1/32 VF ..**<br>**SK 9072.1/42 VF ..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | *90 | 170 | 95,0 | 25 | 15 | 140 | M24 |
| **SK 9082.1 VF ..**<br>**SK 9082.1/42 VF ..**<br>**SK 9082.1/52 VF ..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | *110 | 210 | 116,0 | 28 | 15 | 180 | M24 |
| **SK 9086.1 VF ..**<br>**SK 9086.1/52 VF ..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | *120 | 210 | 127,0 | 32 | 15 | 180 | M24 |
| **SK 9092.1 VF ..**<br>**SK 9092.1/52 VF ..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | *140 | 250 | 148,0 | 36 | 25 | 200 | M24 |
| **SK 9096.1 VF ..**<br>**SK 9096.1/62 VF ..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | *190 | 320 | 200,0 | 45 | 10 | 300 | M30 x 60 |



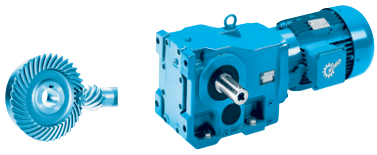


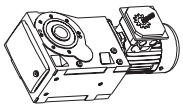
## SK ... AFSHVL ⇨ 🕮 A38




| ⇨ 🕮 A61 | a | b | c | e | f | h3 | s | g | dH / d | mHB | mH | lB | lH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 9012.1 AFSH .. SK 9013.1 AFSH ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 35 | 278 | 263 | 41 | 40 |
| **SK 9016.1 AFSH .. SK 9017.1 AFSH ..** | 200 | 130 | 12 | 165 | 3,5 | 75 | 4 x 11 | M12 x 1,5 | 35 | 289 | 263 | 41 | 40 |
| **SK 9022.1 AFSH .. SK 9023.1 AFSH ..** | 250 | 180 | 16 | 215 | 4,0 | 86 | 4 x 13,5 | M12 x 1,5 | 40 | 319 | 308 | 41,5 | 44 |
| **SK 9032.1 AFSH .. SK 9033.1 AFSH ..** | 300 | 230 | 20 | 265 | 4,0 | 85 | 4 x 14 | M12 x 1,5 | 50 | 355 | 337 | 51,5 | 46 |
| **SK 9042.1 AFSH .. SK 9043.1 AFSH ..** | 350 | *250 | 20 | 300 | 5,0 | 134,5 | 4 x 18 | M12 x 1,5 | 60 | 446 | 427,5 | 61,5 | 58 |
| **SK 9052.1 AFSH .. SK 9053.1 AFSH ..** | 400 | *300 | 22 | 350 | 5,0 | 166 | 4 x 18 | M24 x 1,5 | 70 | 558 | 537 | 71 | 74 |
| **SK 9072.1 AFSH .. SK 9072.1/32 AFSH .. SK 9072.1/42 AFSH ..** | 450 | *350 | 24 | 400 | 5,0 | 184 | 8 x 18 | M24 x 1,5 | 80 | 629 | 609 | 81 | 82 |
| **SK 9082.1 AFSH .. SK 9082.1/42 AFSH .. SK 9082.1/52 AFSH ..** | 550 | *450 | 28 | 500 | 5,0 | 210 | 8 x 18 | M30 x 2,0 | 110 | 734 | 695 | 81 | 74 |
| **SK 9086.1 AFSH .. SK 9086.1/52 AFSH ..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | 125 | 892 | 851 | 81 | 98 |
| **SK 9092.1 AFSH .. SK 9092.1/52 AFSH ..** | 660 | *550 | 32 | 600 | 6,0 | 262 | 8 x 22 | M30 x 2,0 | 150 | 998 | 955 | 101 | 98 |
| **SK 9096.1 AFSH .. SK 9096.1/62 AFSH ..** | 660 | *550 | 35 | 600 | 8,0 | 302 | 8 x 26 | M30 x 2,0 | 160 / 155 | 1134 | 1089 | 95 | 140 |

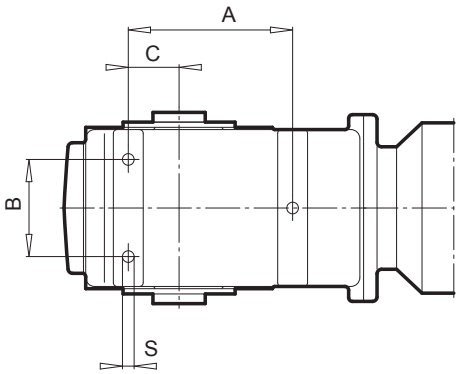




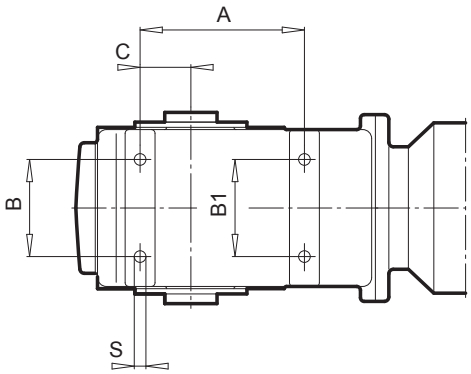
## SK ... AZ ..

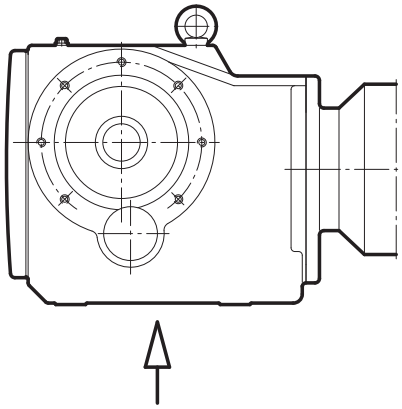
⇨ 🕮 A38

**SK 9012.1 AZ .. - SK 9052.1 AZ ..**




**SK 9072.1 AZ .. - SK 9096.1 AZ ..**



| ⇨ 🕮 A61 | A | B | B1 | C | S |
|---|---|---|---|---|---|
| **SK 9012.1 AZ .. SK 9013.1 AZ ..** | 152 | 60 | - | 46 | M10 x 16 |
| **SK 9016.1 AZ .. SK 9017.1 AZ ..** | 152 | 60 | - | 46 | M10 x 16 |
| **SK 9022.1 AZ .. SK 9023.1 AZ ..** | 152 | 100 | - | 42 | M12 x 20 |
| **SK 9032.1 AZ .. SK 9033.1 AZ ..** | 190 | 110 | - | 55 | M12 x 20 |
| **SK 9042.1 AZ .. SK 9043.1 AZ ..** | 220 | 130 | - | 68 | M16 x 25 |
| **SK 9052.1 AZ .. SK 9053.1 AZ ..** | 277 | 185 | - | 92 | M16 x 25 |
| **SK 9072.1 AZ .. SK 9072.1/32 AZ .. SK 9072.1/42 AZ ..** | 290 | 190 | 190 | 100 | M24 x 36 |
| **SK 9082.1 AZ .. SK 9082.1/42 AZ .. SK 9082.1/52 AZ ..** | 430 | 260 | 260 | 140 | M24 x 36 |
| **SK 9086.1 AZ .. SK 9086.1/52 AZ ..** | 430 | 320 | 320 | 160 | M36 x 55 |
| **SK 9092.1 AZ .. SK 9092.1/52 AZ ..** | 520 | 400 | 400 | 180 | M36 x 55 |
| **SK 9096.1 AZ .. SK 9096.1/62 AZ ..** | 580 | 440 | 440 | 220 | M42 x 72 |

# Notes

**ENQUIRY FORM** . . . . . E - 2

**AVAILABLE VERSIONS** . . . . . E - 3

**GEAR UNITMOTOR DATA**

Power and speed tables . . . . . E - 4

Power and speed tables,
W- and IEC adapters . . . . . E - 22

**DIMENSIONED DRAWINGS**

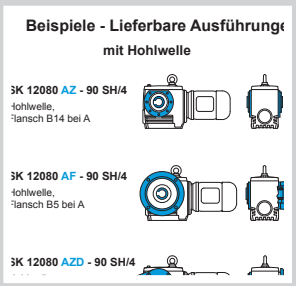
Contrate worm gear motors . . . . . E - 32

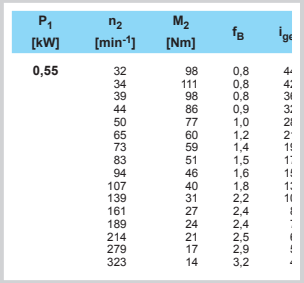
Contrate worm gear units, W and IEC adapters . . E - 52

**OPTIONS**

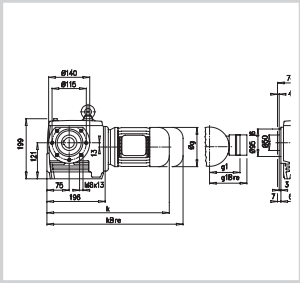
**AZ** Hollow shaft version - pin holes . . . . . E - 55

**AZH** Cover as a touch guard . . . . . E - 56

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ge}$ |
|---|---|---|---|---|
| 0,55 | 32 | 98 | 0,8 | 4 |
| | 34 | 111 | 0,8 | 4 |
| | 39 | 98 | 0,8 | 3 |
| | 44 | 86 | 0,9 | 3 |
| | 50 | 77 | 1,0 | 2 |
| | 65 | 60 | 1,2 | 2 |
| | 73 | 59 | 1,4 | 1 |
| | 83 | 51 | 1,5 | 1 |
| | 94 | 46 | 1,6 | 1 |
| | 107 | 40 | 1,8 | 1 |
| | 139 | 31 | 2,2 | 1 |
| | 161 | 27 | 2,4 | |
| | 189 | 24 | 2,4 | |
| | 214 | 21 | 2,5 | |
| | 279 | 17 | 2,9 | |
| | 323 | 14 | 3,2 | |



# Enquiry form

This general enquiry form can be found in the attachment as well as on the **NORD** homepage under **www.nord.com** - Heading DOCUMENTATION / FORMS.

## General enquiry form

Company
Street
Town Post-code
Contact
Tel.: Customer No.
Fax: Application
Email Project


NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Tel.: +49(0) 4532/401-0
Fax: +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com


**Components required**

◯ Gear unit motor | ◯ IEC – Gear unit motor | ◯ Gear unit with free shaft end | ◯ Stand-alone motor

Quantity Type

| **Parameters specific to the gear unit** | | | **Parameters specific to gear unit** | | |
|---|---|---|---|---|---|
| Version | | Gear ratio | Bearings | ◯ Normal ◯ VL ◯ VL2 ◯ VL3 ◯ AL | |
| Flange ◯ B14 ◯ B5 ø | | [mm] | For bevel gear or worm gear units | Shaft at ◯ A ◯ B | |
| ◯ Hollow shaft ◯ Solid shaft ø | x | [mm] | Oil type | ◯ Mineral ◯ Synthetic ◯ Foodstuff-compatible oil ◯ Special oil type | |
| Output speed at mains frequency $n_2$ | | [$min^{-1}$] | **Parameters specific to motor** | | |
| Output torque $M_2$ | | [Nm] | Effective motor power | | [kW] |
| Min. operating factor $f_b$ | | | Motor speed $n_1$ | | [$min^{-1}$] |
| Min. bearing life Lh | | [h] | Temperature sensor (PTC) ◯ | Bi-metal temperature monitor ◯ | |
| Radial forces on output shaft $F_{R2}$ | | [N] | Mains voltage | [V] +/- | [%] |
| Axial forces on output shaft $F_{A2}$ | | [N] | Mains frequency | [Hz] | |
| Dist. from shaft collar to point of action of force | | [mm] | | | |



◯ Control cabinet inverter ◯ Motor-mounted inverter

Adjustment range from [Hz] to [Hz]
☐ Constant torque within adjustment range [Nm]
☐ External fan
☐ Increase in motor size (with constant torque)
☐ Positioning ◯ Incremental ◯ Absolute
☐ Speed feedback
☐ Generator operation for power feedback [kW]
☐ Bus system- type of bus system
☐ Control via ◯ PC ◯ Control box

**Outline conditions**

Ambient temperatures from [°C]
☐ Buffer mounting for travelling drives [Nm]
☐ Relative humidity [%]
☐ Exposure to direct sunlight
☐ Aggressive media (e.g.: salty air)
☐ Increased installation altitude [m]
☐ Precipitation
☐ ATEX (explosive mixtures in the vicinity) Zone

**Painting**

◯ Not painted
◯ Paint 1.0 - Primer
◯ Paint 2.0 - standard
◯ Paint 3.0 - normal environmental contamination
◯ Paint 3.1 - moderate environmental contamination
◯ Paint 3.2 - severe environmental contamination
◯ Other painting (e.g.: Z, 3.4 or 3.5)
☐ Special colour (Standard RAL7031) RAL
☐ Regulations DIN EN, etc., please state

**General conditions**

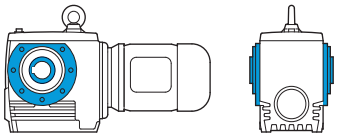
Quote by
Purchasing conditions known ◯ not known ◯
Purchasing conditions attached ☐
Delivery time after receipt of order
Delivery carriage paid ☐

Comments

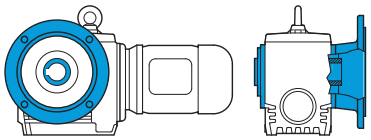
## Examples - available contrate worm gear motor versions

### With hollow shaft

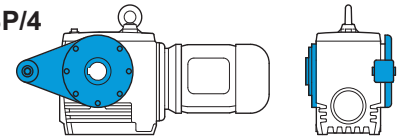
**SK 12080 AZ - 90 SP/4**
Hollow shaft,
B14 flange at A



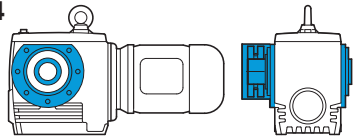
**SK 12080 AF - 90 SP/4**
Hollow shaft,
B5 flange at A



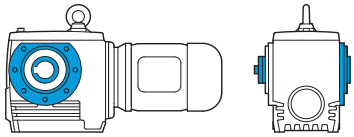
**SK 12080 AZD - 90 SP/4**
Hollow shaft,
B14 flange at A torque support at A



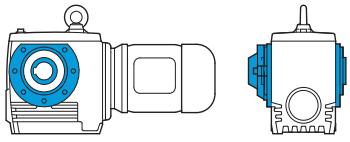
**SK 12080 AZSH - 90 SP/4**
Hollow shaft,
B14 flange at A shrink disk at B



**SK 12080 AZB - 90 SP/4**
Hollow shaft,
B14 flange at A fastening element at B

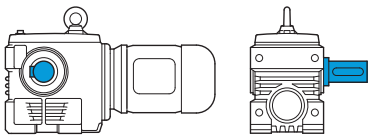


**SK 12080 AZH - 90 SP/4**
Hollow shaft,
B14 flange at A cover at B



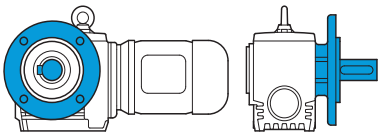
### With solid shaft

**SK 12080 - 90 SP/4**
Solid shaft at A
Foot-mounted housing

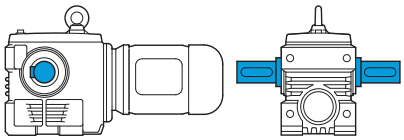


**SK 12080 VF - 90 SP/4**

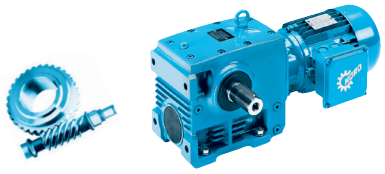
Solid shaft at A,
B5 flange at A



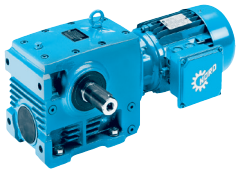
**SK 12080 LX - 90 SP/4**
Solid shaft at A and B,
Foot-mounted housing



# 0,12 kW



| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 0,3 | 1818 | 0,9 | 4646,10 | - | 12,0 | 8,9 | 16,0 | **SK 33100 - 63 S/4** | 68 | F46-47 |
| | 0,4 | 1469 | 1,1 | 3735,10 | 2,6 | 12,0 | 12,7 | 16,0 | | | |
| | 0,6 | 880 | 1,8 | 2200,07 | 1,7 | 12,0 | 15,9 | 16,0 | | | |
| | 0,8 | 676 | 2,4 | 1671,69 | 11,8 | 12,0 | 16,2 | 16,0 | | | |
| | 0,9 | 613 | 2,6 | 1507,71 | 11,9 | 12,0 | 16,2 | 16,0 | | | |
| | 1,1 | 484 | 3,3 | 1175,19 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 0,6 | 808 | 1,0 | 2058,82 | - | 12,0 | 7,9 | 12,0 | **SK 13080 - 63 S/4** | 39 | F42-43 |
| | 1,1 | 481 | 1,6 | 1198,81 | 6,6 | 9,0 | 9,0 | 12,0 | | | |
| | 1,4 | 388 | 2,0 | 956,44 | 7,3 | 9,0 | 9,1 | 12,0 | | | |
| | 1,7 | 331 | 2,3 | 805,28 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 1,9 | 293 | 2,6 | 706,25 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 2,1 | 264 | 2,9 | 630,68 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 2,5 | 230 | 3,3 | 542,07 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 2,8 | 207 | 3,7 | 482,13 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 3,3 | 231 | 3,3 | 403,20 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 3,9 | 196 | 3,6 | 339,48 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 4,5 | 173 | 3,5 | 297,73 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 5,0 | 156 | 3,7 | 265,87 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 5,8 | 135 | 4,2 | 228,52 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 6,9 | 129 | 3,5 | 193,73 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 8,2 | 109 | 3,5 | 163,11 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 9,3 | 96 | 3,5 | 143,05 | 8,0 | 9,0 | 9,5 | 12,0 | | | |
| | 10 | 86 | 3,5 | 127,74 | 8,0 | 9,0 | 9,5 | 12,0 | | | |
| | 12 | 75 | 3,5 | 109,80 | 8,2 | 9,0 | 9,5 | 12,0 | | | |
| | 14 | 66 | 3,5 | 97,65 | 8,3 | 9,0 | 9,5 | 12,0 | | | |
| | 1,4 | 378 | 1,0 | 938,20 | 4,9 | 7,7 | 6,6 | 1,0 | **SK 13063 - 63 S/4** | 29 | F38-39 |
| | 1,8 | 301 | 1,3 | 737,53 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 2,2 | 249 | 1,5 | 604,62 | 5,6 | 7,7 | 6,9 | 1,0 | | | |
| | 2,5 | 221 | 1,7 | 531,64 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 2,8 | 198 | 1,9 | 471,70 | 5,7 | 7,7 | 7,2 | 1,0 | | | |
| | 3,4 | 223 | 1,7 | 395,51 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 3,8 | 198 | 1,9 | 349,37 | 5,7 | 7,7 | 7,2 | 1,0 | | | |
| | 4,3 | 177 | 2,1 | 310,92 | 5,7 | 7,7 | 7,4 | 1,0 | | | |
| | 5,2 | 146 | 2,5 | 254,89 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 6,0 | 129 | 2,9 | 224,12 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 6,7 | 115 | 3,1 | 198,86 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 7,5 | 117 | 2,9 | 178,31 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 9,1 | 96 | 3,4 | 146,17 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 10 | 85 | 3,5 | 128,53 | 6,7 | 7,7 | 7,2 | 1,0 | | | |
| | 12 | 75 | 3,5 | 114,04 | 6,3 | 7,7 | 7,2 | 1,0 | | | |
| | 14 | 65 | 3,6 | 97,03 | 6,6 | 7,7 | 7,2 | 1,0 | | | |
| | 17 | 57 | 3,5 | 79,54 | 6,4 | 7,7 | 7,2 | 1,0 | | | |
| | 20 | 47 | 3,6 | 65,20 | 6,8 | 7,7 | 7,2 | 1,0 | | | |
| | 2,3 | 243 | 0,8 | 586,37 | 2,2 | 5,6 | 4,6 | 8,0 | **SK 13050 - 63 S/4** | 25 | F34-35 |
| | 2,8 | 199 | 1,0 | 474,31 | 3,4 | 5,6 | 5,2 | 8,0 | | | |
| | 3,2 | 175 | 1,1 | 411,76 | 3,5 | 5,6 | 5,2 | 8,0 | | | |
| | 4,0 | 191 | 1,0 | 333,43 | 3,4 | 5,6 | 5,2 | 8,0 | | | |
| | 4,6 | 168 | 1,2 | 293,19 | 3,4 | 5,6 | 5,2 | 8,0 | | | |
| | 6,4 | 121 | 1,6 | 209,25 | 4,3 | 5,6 | 5,3 | 8,0 | | | |
| | 7,3 | 106 | 1,8 | 181,66 | 4,4 | 5,6 | 5,4 | 8,0 | | | |
| | 8,4 | 105 | 1,9 | 158,12 | 4,3 | 5,6 | 5,4 | 8,0 | | | |
| | 9,6 | 93 | 2,1 | 139,04 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 11 | 82 | 2,4 | 122,68 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 13 | 67 | 2,9 | 99,23 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 15 | 58 | 3,1 | 86,15 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 17 | 55 | 2,6 | 76,61 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 20 | 48 | 2,7 | 67,37 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 22 | 43 | 3,0 | 59,44 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 28 | 35 | 3,2 | 48,08 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 32 | 30 | 3,6 | 41,74 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 2,0 | 274 | 2,6 | 656,88 | 8,6 | 12,0 | 11,4 | 12,0 | **SK 12080 - 63 S/4** | 34 | F40-41 |
| | 4,8 | 162 | 4,4 | 276,92 | 8,4 | 12,0 | 11,7 | 12,0 | | | |



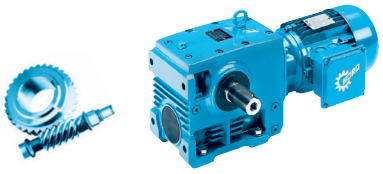
IE1 Standard

# 0,12 kW
# 0,18 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,12 | 2,1 | 258 | 1,4 | 626,79 | 6,0 | 7,8 | 8,8 | 1,0 | SK 12063 - 63 S/4 | 24 | F36-37 |
| | 2,5 | 220 | 1,6 | 529,38 | 6,2 | 7,8 | 9,0 | 1,0 | | | |
| | 2,9 | 195 | 1,8 | 464,61 | 6,4 | 7,8 | 9,7 | 1,0 | | | |
| | 5,1 | 151 | 2,3 | 264,24 | 6,6 | 7,8 | 9,3 | 1,0 | | | |
| | 6,0 | 129 | 2,8 | 223,17 | 6,6 | 7,8 | 9,3 | 1,0 | | | |
| | 6,8 | 114 | 3,2 | 195,86 | 6,7 | 7,8 | 9,3 | 1,0 | | | |
| | 7,3 | 85 | 3,8 | 183,60 | 6,3 | 7,7 | 7,2 | 1,0 | | | |
| | 8,2 | 76 | 4,1 | 162,18 | 6,5 | 7,7 | 7,2 | 1,0 | | | |
| | 9,2 | 69 | 4,3 | 144,33 | 6,7 | 7,7 | 7,2 | 1,0 | | | |
| | 2,5 | 219 | 0,8 | 524,79 | 2,7 | 5,6 | 4,9 | 8,0 | SK 02050 - 63 S/4 | 20 | F32-33 |
| | 3,0 | 185 | 1,0 | 440,13 | 3,3 | 5,6 | 5,2 | 8,0 | | | |
| | 3,5 | 164 | 1,1 | 385,56 | 3,6 | 5,6 | 5,3 | 8,0 | | | |
| | 5,8 | 133 | 1,4 | 231,41 | 4,7 | 5,6 | 5,3 | 8,0 | | | |
| | 6,9 | 113 | 1,6 | 194,18 | 4,3 | 5,6 | 5,4 | 8,0 | | | |
| | 7,9 | 99 | 1,9 | 170,10 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 9,0 | 68 | 2,6 | 147,90 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 10 | 61 | 2,8 | 130,05 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 12 | 54 | 3,1 | 114,75 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 14 | 45 | 3,7 | 92,82 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 17 | 40 | 4,2 | 80,58 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 20 | 40 | 4,2 | 65,25 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 23 | 35 | 4,8 | 57,38 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 26 | 32 | 4,9 | 50,63 | 4,8 | 5,6 | 5,5 | 8,0 | | | |
| 0,18 | 0,6 | 1297 | 1,2 | 2200,07 | 5,2 | 12,0 | 14,4 | 16,0 | SK 33100 - 63 L/4 | 68 | F46-47 |
| | 0,8 | 996 | 1,6 | 1671,69 | 9,2 | 12,0 | 15,8 | 16,0 | | | |
| | 0,9 | 904 | 1,8 | 1507,71 | 1,4 | 12,0 | 15,9 | 16,0 | | | |
| | 1,2 | 715 | 2,2 | 1175,19 | 11,7 | 12,0 | 16,1 | 16,0 | | | |
| | 2,1 | 422 | 3,8 | 660,60 | 12,3 | 12,0 | 16,2 | 16,0 | | | |
| | 2,6 | 341 | 4,7 | 519,31 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 1,1 | 709 | 1,1 | 1198,81 | 2,3 | 9,0 | 8,5 | 12,0 | SK 13080 - 63 L/4 | 39 | F42-43 |
| | 1,4 | 572 | 1,3 | 956,44 | 5,4 | 9,0 | 8,8 | 12,0 | | | |
| | 1,7 | 488 | 1,6 | 805,28 | 6,5 | 9,0 | 9,0 | 12,0 | | | |
| | 1,9 | 432 | 1,8 | 706,25 | 7,1 | 9,0 | 9,7 | 12,0 | | | |
| | 2,2 | 390 | 2,0 | 630,68 | 7,3 | 9,0 | 9,1 | 12,0 | | | |
| | 2,5 | 340 | 2,3 | 542,07 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 2,8 | 305 | 2,5 | 482,13 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 3,4 | 341 | 2,3 | 403,20 | 7,4 | 9,0 | 9,3 | 12,0 | | | |
| | 4,0 | 289 | 2,4 | 339,48 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 4,6 | 255 | 2,4 | 297,73 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 5,1 | 230 | 2,5 | 265,87 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 5,9 | 199 | 2,9 | 228,52 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 7,0 | 190 | 2,4 | 193,73 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 8,3 | 161 | 2,4 | 163,11 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 9,5 | 141 | 2,4 | 143,05 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 11 | 127 | 2,4 | 127,74 | 8,0 | 9,0 | 9,4 | 12,0 | | | |
| | 12 | 110 | 2,4 | 109,80 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 14 | 98 | 2,4 | 97,65 | 8,0 | 9,0 | 9,5 | 12,0 | | | |
| | 1,8 | 444 | 0,9 | 737,53 | 1,7 | 7,7 | 6,5 | 1,0 | SK 13063 - 63 L/4 | 29 | F38-39 |
| | 2,3 | 367 | 1,0 | 604,62 | 5,0 | 7,7 | 6,7 | 1,0 | | | |
| | 2,6 | 326 | 1,2 | 531,64 | 5,2 | 7,7 | 6,8 | 1,0 | | | |
| | 2,9 | 292 | 1,3 | 471,70 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 3,4 | 329 | 1,2 | 395,51 | 5,1 | 7,7 | 6,7 | 1,0 | | | |
| | 3,9 | 292 | 1,3 | 349,37 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 4,4 | 261 | 1,5 | 310,92 | 5,4 | 7,7 | 6,9 | 1,0 | | | |
| | 5,3 | 215 | 1,7 | 254,89 | 5,7 | 7,7 | 7,0 | 1,0 | | | |
| | 6,1 | 191 | 1,9 | 224,12 | 5,7 | 7,7 | 7,2 | 1,0 | | | |
| | 6,8 | 170 | 2,1 | 198,86 | 5,8 | 7,7 | 7,6 | 1,0 | | | |
| | 7,6 | 172 | 2,0 | 178,31 | 5,7 | 7,7 | 7,4 | 1,0 | | | |
| | 9,3 | 141 | 2,3 | 146,17 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 11 | 125 | 2,4 | 128,53 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 12 | 111 | 2,3 | 114,04 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 14 | 95 | 2,4 | 97,03 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 17 | 84 | 2,4 | 79,54 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 21 | 69 | 2,5 | 65,20 | 6,4 | 7,7 | 7,2 | 1,0 | | | |

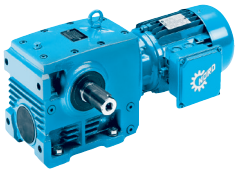
# 0,18 kW
# 0,25 kW

IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,18** | 6,5 | 178 | 1,1 | 209,25 | 3,3 | 5,6 | 5,2 | 8,0 | **SK 13050 - 63 L/4** | 25 | F34-35 |
| | 7,5 | 156 | 1,2 | 181,66 | 3,6 | 5,6 | 5,3 | 8,0 | | | |
| | 8,6 | 155 | 1,3 | 158,12 | 3,4 | 5,6 | 5,2 | 8,0 | | | |
| | 9,8 | 136 | 1,4 | 139,04 | 3,7 | 5,6 | 5,3 | 8,0 | | | |
| | 11 | 121 | 1,6 | 122,68 | 4,6 | 5,6 | 5,3 | 8,0 | | | |
| | 14 | 98 | 1,9 | 99,23 | 4,4 | 5,6 | 5,4 | 8,0 | | | |
| | 16 | 86 | 2,1 | 86,15 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 18 | 81 | 1,7 | 76,61 | 4,3 | 5,6 | 5,4 | 8,0 | | | |
| | 20 | 71 | 1,8 | 67,37 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 23 | 63 | 2,1 | 59,44 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 28 | 51 | 2,2 | 48,08 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 33 | 45 | 2,5 | 41,74 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 2,1 | 404 | 1,8 | 656,88 | 7,4 | 12,0 | 2,0 | 12,0 | **SK 12080 - 63 L/4** | 34 | F40-41 |
| | 4,9 | 238 | 3,0 | 276,92 | 8,2 | 12,0 | 11,5 | 12,0 | | | |
| | 5,8 | 162 | 4,4 | 234,60 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 2,2 | 380 | 0,9 | 626,79 | 4,8 | 7,8 | 8,3 | 1,0 | **SK 12063 - 63 L/4** | 24 | F36-37 |
| | 2,6 | 325 | 1,1 | 529,38 | 5,4 | 7,8 | 8,4 | 1,0 | | | |
| | 2,9 | 288 | 1,3 | 464,61 | 5,7 | 7,8 | 8,6 | 1,0 | | | |
| | 5,1 | 223 | 1,6 | 264,24 | 6,3 | 7,8 | 9,0 | 1,0 | | | |
| | 6,1 | 189 | 1,9 | 223,17 | 6,4 | 7,8 | 9,9 | 1,0 | | | |
| | 6,9 | 167 | 2,2 | 195,86 | 6,5 | 7,8 | 9,2 | 1,0 | | | |
| | 7,4 | 125 | 2,6 | 183,60 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 8,4 | 113 | 2,8 | 162,18 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 9,4 | 102 | 2,9 | 144,33 | 6,0 | 7,7 | 7,2 | 1,0 | | | |
| | 12 | 86 | 3,4 | 118,32 | 6,3 | 7,7 | 7,2 | 1,0 | | | |
| | 13 | 77 | 3,8 | 104,04 | 6,5 | 7,7 | 7,2 | 1,0 | | | |
| | 15 | 69 | 4,3 | 92,31 | 6,7 | 7,7 | 7,2 | 1,0 | | | |
| | 18 | 70 | 4,3 | 77,40 | 6,6 | 7,7 | 7,2 | 1,0 | | | |
| | 20 | 63 | 4,7 | 68,37 | 6,8 | 7,7 | 7,2 | 1,0 | | | |
| | 22 | 56 | 5,0 | 60,85 | 6,9 | 7,7 | 7,2 | 1,0 | | | |
| | 5,9 | 197 | 0,9 | 231,41 | 2,9 | 5,6 | 5,1 | 8,0 | **SK 02050 - 63 L/4** | 20 | F32-33 |
| | 7,0 | 166 | 1,1 | 194,18 | 3,5 | 5,6 | 5,2 | 8,0 | | | |
| | 8,0 | 146 | 1,3 | 170,10 | 3,9 | 5,6 | 5,3 | 8,0 | | | |
| | 9,2 | 101 | 1,7 | 147,90 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 10 | 90 | 1,9 | 130,05 | 4,5 | 5,6 | 5,5 | 8,0 | | | |
| | 12 | 80 | 2,1 | 114,75 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 15 | 67 | 2,5 | 92,82 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 17 | 59 | 2,8 | 80,58 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 21 | 59 | 2,9 | 65,25 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 24 | 52 | 3,2 | 57,38 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 27 | 46 | 3,3 | 50,63 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 33 | 38 | 4,1 | 40,95 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 38 | 34 | 4,6 | 35,55 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 44 | 32 | 4,9 | 30,94 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| **0,25** | 0,4 | 2861 | 1,1 | 3442,09 | 7,7 | 2,8 | 22,8 | 28,0 | **SK 43125 - 71 S/4** | 118 | F50-51 |
| | 0,5 | 2125 | 1,5 | 2526,44 | 15,2 | 2,8 | 23,8 | 28,0 | | | |
| | 0,7 | 1746 | 1,8 | 2056,63 | 19,0 | 2,8 | 24,3 | 28,0 | | | |
| | 0,7 | 1589 | 1,9 | 1860,07 | 19,3 | 2,8 | 24,4 | 28,0 | | | |
| | 0,8 | 1408 | 2,2 | 1639,55 | 19,7 | 2,8 | 24,6 | 28,0 | | | |
| | 0,9 | 1277 | 2,4 | 1476,55 | 19,9 | 2,8 | 24,7 | 28,0 | | | |
| | 1,2 | 1053 | 2,9 | 1198,50 | 2,3 | 2,8 | 24,8 | 28,0 | | | |
| | 0,6 | 1776 | 0,9 | 2200,07 | - | 12,0 | 9,4 | 16,0 | **SK 33100 - 71 S/4** | 69 | F46-47 |
| | 0,8 | 1365 | 1,2 | 1671,69 | 4,2 | 12,0 | 13,7 | 16,0 | | | |
| | 0,9 | 1238 | 1,3 | 1507,71 | 6,8 | 12,0 | 15,0 | 16,0 | | | |
| | 1,2 | 980 | 1,6 | 1175,19 | 9,5 | 12,0 | 15,8 | 16,0 | | | |
| | 2,1 | 579 | 2,7 | 660,60 | 12,4 | 12,0 | 16,2 | 16,0 | | | |
| | 2,7 | 468 | 3,4 | 519,31 | 12,2 | 12,0 | 16,2 | 16,0 | | | |
| | 2,9 | 427 | 3,7 | 468,37 | 12,3 | 12,0 | 16,2 | 16,0 | | | |
| | 3,8 | 345 | 4,4 | 365,07 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 5,4 | 313 | 4,8 | 257,63 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 2,1 | 567 | 2,5 | 645,00 | 12,3 | 12,0 | 16,2 | 16,0 | **SK 32100 - 71 S/4** | 61 | F44-45 |



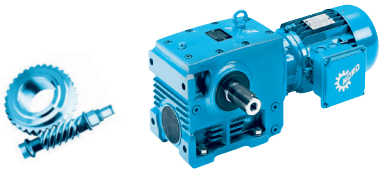
IE1 Standard

# 0,25 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,25 | 1,4 | 784 | 1,0 | 956,44 | - | 9,0 | 8,1 | 12,0 | **SK 13080 - 71 S/4** | 40 | F42-43 |
| | 1,7 | 669 | 1,2 | 805,28 | 4,9 | 9,0 | 8,6 | 12,0 | | | |
| | 2,0 | 592 | 1,3 | 706,25 | 5,2 | 9,0 | 8,7 | 12,0 | | | |
| | 2,2 | 534 | 1,4 | 630,68 | 6,0 | 9,0 | 8,9 | 12,0 | | | |
| | 2,5 | 466 | 1,7 | 542,07 | 6,8 | 9,0 | 9,1 | 12,0 | | | |
| | 2,9 | 418 | 1,8 | 482,13 | 7,2 | 9,0 | 10,0 | 12,0 | | | |
| | 3,4 | 467 | 1,6 | 403,20 | 6,5 | 9,0 | 9,0 | 12,0 | | | |
| | 4,1 | 396 | 1,8 | 339,48 | 7,2 | 9,0 | 9,1 | 12,0 | | | |
| | 4,6 | 350 | 1,7 | 297,73 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 5,2 | 315 | 1,8 | 265,87 | 7,5 | 9,0 | 9,2 | 12,0 | | | |
| | 6,0 | 273 | 2,1 | 228,52 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 7,1 | 260 | 1,7 | 193,73 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 8,5 | 220 | 1,7 | 163,11 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 9,6 | 194 | 1,8 | 143,05 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 11 | 174 | 1,7 | 127,74 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 13 | 150 | 1,7 | 109,80 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 14 | 134 | 1,7 | 97,65 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 2,6 | 447 | 0,8 | 531,64 | 1,2 | 7,7 | 6,4 | 1,0 | **13063 - 71 S/4** | 30 | F38-39 |
| | 2,9 | 400 | 1,0 | 471,70 | 4,1 | 7,7 | 6,6 | 1,0 | | | |
| | 3,5 | 450 | 0,8 | 395,51 | - | 7,7 | 6,4 | 1,0 | | | |
| | 3,9 | 400 | 1,0 | 349,37 | 4,1 | 7,7 | 6,6 | 1,0 | | | |
| | 4,4 | 357 | 1,1 | 310,92 | 5,0 | 7,7 | 6,7 | 1,0 | | | |
| | 5,4 | 295 | 1,3 | 254,89 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 6,2 | 261 | 1,4 | 224,12 | 5,4 | 7,7 | 6,9 | 1,0 | | | |
| | 6,9 | 232 | 1,5 | 198,86 | 5,5 | 7,7 | 7,0 | 1,0 | | | |
| | 7,7 | 235 | 1,4 | 178,31 | 5,5 | 7,7 | 6,9 | 1,0 | | | |
| | 9,4 | 193 | 1,7 | 146,17 | 5,7 | 7,7 | 7,6 | 1,0 | | | |
| | 11 | 171 | 1,8 | 128,53 | 5,7 | 7,7 | 7,4 | 1,0 | | | |
| | 12 | 152 | 1,7 | 114,04 | 5,8 | 7,7 | 7,7 | 1,0 | | | |
| | 14 | 130 | 1,8 | 97,03 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 17 | 115 | 1,7 | 79,54 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 21 | 95 | 1,8 | 65,20 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 7,6 | 214 | 0,9 | 181,66 | 2,6 | 5,6 | 4,9 | 8,0 | **SK 13050 - 71 S/4** | 26 | F34-35 |
| | 8,7 | 212 | 0,9 | 158,12 | 2,3 | 5,6 | 4,7 | 8,0 | | | |
| | 9,9 | 187 | 1,0 | 139,04 | 2,8 | 5,6 | 5,0 | 8,0 | | | |
| | 11 | 166 | 1,2 | 122,68 | 3,2 | 5,6 | 5,2 | 8,0 | | | |
| | 14 | 134 | 1,4 | 99,23 | 3,8 | 5,6 | 5,3 | 8,0 | | | |
| | 16 | 117 | 1,5 | 86,15 | 4,7 | 5,6 | 5,3 | 8,0 | | | |
| | 18 | 111 | 1,3 | 76,61 | 3,6 | 5,6 | 5,3 | 8,0 | | | |
| | 21 | 97 | 1,3 | 67,37 | 3,9 | 5,6 | 5,3 | 8,0 | | | |
| | 23 | 86 | 1,5 | 59,44 | 4,2 | 5,6 | 5,4 | 8,0 | | | |
| | 29 | 70 | 1,6 | 48,08 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 33 | 61 | 1,8 | 41,74 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 2,1 | 554 | 1,3 | 656,88 | 6,1 | 12,0 | 1,2 | 12,0 | **SK 12080 - 71 S/4** | 35 | F40-41 |
| | 2,7 | 448 | 1,6 | 520,20 | 7,7 | 12,0 | 1,8 | 12,0 | | | |
| | 5,0 | 326 | 2,2 | 276,92 | 7,8 | 12,0 | 11,3 | 12,0 | | | |
| | 5,9 | 223 | 3,2 | 234,60 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 7,4 | 184 | 3,6 | 187,17 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 8,8 | 159 | 4,2 | 157,59 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 10 | 142 | 4,5 | 138,21 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 11 | 130 | 4,8 | 123,42 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 2,6 | 445 | 0,8 | 529,38 | 3,8 | 7,8 | 7,5 | 1,0 | **SK 12063 - 71 S/4** | 25 | F36-37 |
| | 3,0 | 395 | 0,9 | 464,61 | 4,6 | 7,8 | 7,9 | 1,0 | | | |
| | 3,3 | 354 | 1,0 | 413,10 | 5,9 | 7,8 | 8,2 | 1,0 | | | |
| | 5,2 | 305 | 1,1 | 264,24 | 5,6 | 7,8 | 8,5 | 1,0 | | | |
| | 6,2 | 260 | 1,4 | 223,17 | 6,0 | 7,8 | 8,8 | 1,0 | | | |
| | 7,0 | 229 | 1,6 | 195,86 | 6,2 | 7,8 | 8,9 | 1,0 | | | |
| | 7,5 | 172 | 1,9 | 183,60 | 5,8 | 7,7 | 7,6 | 1,0 | | | |
| | 8,5 | 154 | 2,0 | 162,18 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 9,6 | 140 | 2,1 | 144,33 | 5,9 | 7,7 | 7,2 | 1,0 | | | |
| | 12 | 118 | 2,5 | 118,32 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 13 | 105 | 2,8 | 104,04 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 15 | 95 | 3,1 | 92,31 | 6,9 | 7,7 | 7,2 | 1,0 | | | |
| | 18 | 96 | 3,2 | 77,40 | 6,0 | 7,7 | 7,2 | 1,0 | | | |
| | 20 | 86 | 3,4 | 68,37 | 6,2 | 7,7 | 7,2 | 1,0 | | | |
| | 23 | 77 | 3,6 | 60,85 | 6,4 | 7,7 | 7,2 | 1,0 | | | |
| | 28 | 64 | 4,1 | 49,88 | 6,8 | 7,7 | 7,2 | 1,0 | | | |
| | 31 | 57 | 4,4 | 43,86 | 6,9 | 7,7 | 7,2 | 1,0 | | | |
| | 36 | 51 | 4,8 | 38,92 | 6,2 | 7,7 | 7,2 | 1,0 | | | |

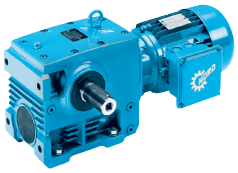
# 0,25 kW
# 0,37 kW

IE1 Standard



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,25 | 7,1 | 227 | 0,8 | 194,18 | 2,4 | 5,6 | 4,7 | 8,0 | **SK 02050 - 71 S/4** | 21 | F32-33 |
| | 8,1 | 200 | 0,9 | 170,10 | 2,9 | 5,6 | 5,6 | 8,0 | | | |
| | 9,3 | 138 | 1,3 | 147,90 | 4,5 | 5,6 | 5,3 | 8,0 | | | |
| | 11 | 123 | 1,4 | 130,05 | 4,3 | 5,6 | 5,3 | 8,0 | | | |
| | 12 | 110 | 1,5 | 114,75 | 4,4 | 5,6 | 5,4 | 8,0 | | | |
| | 15 | 91 | 1,8 | 92,82 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 17 | 81 | 2,1 | 80,58 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 21 | 81 | 2,1 | 65,25 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 24 | 71 | 2,4 | 57,38 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 27 | 64 | 2,4 | 50,63 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 34 | 52 | 3,0 | 40,95 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 39 | 46 | 3,4 | 35,55 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 45 | 44 | 3,6 | 30,94 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 51 | 38 | 4,0 | 27,21 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 58 | 34 | 4,5 | 24,01 | 4,7 | 5,6 | 5,5 | 8,0 | | | |
| | 82 | 24 | 4,9 | 16,86 | 4,5 | 5,6 | 5,5 | 8,0 | | | |
| 0,37 | 0,5 | 3145 | 1,0 | 2526,44 | 3,7 | 2,8 | 21,2 | 28,0 | **SK 43125 - 71 L/4** | 119 | F50-51 |
| | 0,7 | 2585 | 1,2 | 2056,63 | 1,3 | 2,8 | 23,2 | 28,0 | | | |
| | 0,7 | 2352 | 1,3 | 1860,07 | 12,8 | 2,8 | 23,6 | 28,0 | | | |
| | 0,8 | 2084 | 1,5 | 1639,55 | 15,7 | 2,8 | 23,9 | 28,0 | | | |
| | 0,9 | 1890 | 1,6 | 1476,55 | 17,6 | 2,8 | 24,1 | 28,0 | | | |
| | 1,2 | 1559 | 2,0 | 1198,50 | 19,4 | 2,8 | 24,4 | 28,0 | | | |
| | 0,9 | 1832 | 0,9 | 1507,71 | - | 12,0 | 8,8 | 16,0 | **SK 33100 - 71 L/4** | 70 | F46-47 |
| | 1,2 | 1450 | 1,1 | 1175,19 | 2,9 | 12,0 | 12,9 | 16,0 | | | |
| | 2,1 | 856 | 1,9 | 660,60 | 11,9 | 12,0 | 16,0 | 16,0 | | | |
| | 2,7 | 692 | 2,3 | 519,31 | 11,7 | 12,0 | 16,1 | 16,0 | | | |
| | 2,9 | 633 | 2,5 | 468,37 | 11,9 | 12,0 | 16,2 | 16,0 | | | |
| | 3,8 | 510 | 3,0 | 365,07 | 12,2 | 12,0 | 16,2 | 16,0 | | | |
| | 4,6 | 430 | 3,5 | 299,28 | 12,3 | 12,0 | 16,2 | 16,0 | | | |
| | 5,4 | 464 | 3,3 | 257,63 | 12,2 | 12,0 | 16,2 | 16,0 | | | |
| | 7,6 | 337 | 4,2 | 182,66 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 9,7 | 268 | 4,9 | 142,38 | 12,6 | 12,0 | 16,2 | 16,0 | | | |
| | 11 | 247 | 4,8 | 121,21 | 12,7 | 12,0 | 16,2 | 16,0 | | | |
| | 2,1 | 839 | 1,7 | 645,00 | 11,2 | 12,0 | 16,0 | 16,0 | **SK 32100 - 71 L/4** | 62 | F44-45 |
| | 5,7 | 360 | 3,9 | 241,50 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 7,5 | 286 | 4,8 | 183,50 | 12,6 | 12,0 | 16,2 | 16,0 | | | |
| | 2,0 | 876 | 0,9 | 706,25 | - | 9,0 | 7,1 | 12,0 | **SK 13080 - 71 L/4** | 41 | F42-43 |
| | 2,2 | 791 | 1,0 | 630,68 | - | 9,0 | 8,5 | 12,0 | | | |
| | 2,5 | 689 | 1,1 | 542,07 | 3,4 | 9,0 | 8,6 | 12,0 | | | |
| | 2,9 | 618 | 1,2 | 482,13 | 4,9 | 9,0 | 8,7 | 12,0 | | | |
| | 3,4 | 691 | 1,1 | 403,20 | 3,3 | 9,0 | 8,5 | 12,0 | | | |
| | 4,1 | 587 | 1,2 | 339,48 | 4,9 | 9,0 | 8,7 | 12,0 | | | |
| | 4,6 | 517 | 1,2 | 297,73 | 5,8 | 9,0 | 8,9 | 12,0 | | | |
| | 5,2 | 466 | 1,2 | 265,87 | 6,6 | 9,0 | 9,0 | 12,0 | | | |
| | 6,0 | 404 | 1,4 | 228,52 | 7,2 | 9,0 | 9,2 | 12,0 | | | |
| | 7,1 | 384 | 1,2 | 193,73 | 7,7 | 9,0 | 9,1 | 12,0 | | | |
| | 8,5 | 326 | 1,2 | 163,11 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 9,6 | 287 | 1,2 | 143,05 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 11 | 257 | 1,2 | 127,74 | 7,6 | 9,0 | 9,4 | 12,0 | | | |
| | 13 | 223 | 1,2 | 109,80 | 7,7 | 9,0 | 9,3 | 12,0 | | | |
| | 14 | 198 | 1,2 | 97,65 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 5,4 | 436 | 0,8 | 254,89 | 2,3 | 7,7 | 6,5 | 1,0 | **13063 - 71 L/4** | 30 | F38-39 |
| | 6,2 | 386 | 1,0 | 224,12 | 4,6 | 7,7 | 6,6 | 1,0 | | | |
| | 6,9 | 344 | 1,0 | 198,86 | 5,4 | 7,7 | 6,7 | 1,0 | | | |
| | 7,7 | 348 | 1,0 | 178,31 | 5,0 | 7,7 | 6,7 | 1,0 | | | |
| | 9,4 | 286 | 1,2 | 146,17 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 11 | 253 | 1,2 | 128,53 | 5,4 | 7,7 | 6,9 | 1,0 | | | |
| | 12 | 225 | 1,2 | 114,04 | 5,5 | 7,7 | 6,9 | 1,0 | | | |
| | 14 | 193 | 1,2 | 97,03 | 5,7 | 7,7 | 7,7 | 1,0 | | | |
| | 17 | 170 | 1,2 | 79,54 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 21 | 140 | 1,2 | 65,20 | 5,7 | 7,7 | 7,5 | 1,0 | | | |



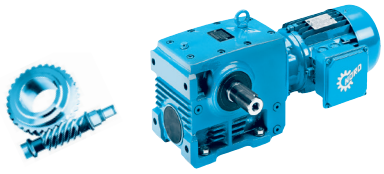
IE1 Standard

# 0,37 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,37 | 14 | 199 | 1,0 | 99,23 | 2,6 | 5,6 | 4,9 | 8,0 | **SK 13050 - 71 L/4** | 26 | F34-35 |
| | 16 | 174 | 1,0 | 86,15 | 3,5 | 5,6 | 5,2 | 8,0 | | | |
| | 18 | 164 | 0,9 | 76,61 | 2,4 | 5,6 | 4,6 | 8,0 | | | |
| | 21 | 144 | 0,9 | 67,37 | 2,9 | 5,6 | 5,0 | 8,0 | | | |
| | 23 | 127 | 1,0 | 59,44 | 3,3 | 5,6 | 5,3 | 8,0 | | | |
| | 29 | 103 | 1,1 | 48,08 | 3,9 | 5,6 | 5,3 | 8,0 | | | |
| | 33 | 90 | 1,2 | 41,74 | 4,9 | 5,6 | 5,4 | 8,0 | | | |
| | 2,1 | 820 | 0,9 | 656,88 | - | 12,0 | 7,7 | 12,0 | **SK 12080 - 71 L/4** | 36 | F40-41 |
| | 2,7 | 663 | 1,1 | 520,20 | 4,6 | 12,0 | 9,3 | 12,0 | | | |
| | 5,0 | 483 | 1,5 | 276,92 | 6,8 | 12,0 | 1,6 | 12,0 | | | |
| | 5,9 | 330 | 2,2 | 234,60 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 7,4 | 272 | 2,5 | 187,17 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 8,8 | 235 | 2,8 | 157,59 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 10 | 211 | 3,1 | 138,21 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 11 | 192 | 3,2 | 123,42 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 13 | 169 | 3,5 | 106,08 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 15 | 152 | 3,7 | 94,35 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 18 | 150 | 4,4 | 78,91 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 21 | 129 | 4,9 | 66,44 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 6,2 | 384 | 0,9 | 223,17 | 4,8 | 7,8 | 8,0 | 1,0 | **SK 12063 - 71 L/4** | 26 | F36-37 |
| | 7,0 | 339 | 1,1 | 195,86 | 5,3 | 7,8 | 8,3 | 1,0 | | | |
| | 7,5 | 254 | 1,3 | 183,60 | 5,5 | 7,7 | 6,9 | 1,0 | | | |
| | 8,5 | 229 | 1,4 | 162,18 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 9,6 | 207 | 1,5 | 144,33 | 5,7 | 7,7 | 7,9 | 1,0 | | | |
| | 12 | 174 | 1,7 | 118,32 | 5,8 | 7,7 | 7,6 | 1,0 | | | |
| | 13 | 156 | 1,9 | 104,04 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 15 | 141 | 2,1 | 92,31 | 5,9 | 7,7 | 7,2 | 1,0 | | | |
| | 18 | 142 | 2,1 | 77,40 | 5,9 | 7,7 | 8,0 | 1,0 | | | |
| | 20 | 127 | 2,3 | 68,37 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 23 | 114 | 2,5 | 60,85 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 28 | 95 | 2,8 | 49,88 | 6,0 | 7,7 | 7,2 | 1,0 | | | |
| | 31 | 84 | 3,0 | 43,86 | 6,2 | 7,7 | 7,2 | 1,0 | | | |
| | 36 | 76 | 3,2 | 38,92 | 6,5 | 7,7 | 7,2 | 1,0 | | | |
| | 39 | 73 | 3,6 | 34,89 | 6,4 | 7,7 | 7,2 | 1,0 | | | |
| | 48 | 60 | 4,1 | 28,61 | 6,7 | 7,7 | 7,2 | 1,0 | | | |
| | 55 | 53 | 4,6 | 25,15 | 6,9 | 7,7 | 7,2 | 1,0 | | | |
| | 9,3 | 204 | 0,9 | 147,90 | 3,0 | 5,6 | 5,1 | 8,0 | **SK 02050 - 71 L/4** | 22 | F32-33 |
| | 11 | 182 | 0,9 | 130,05 | 3,4 | 5,6 | 5,3 | 8,0 | | | |
| | 12 | 163 | 1,0 | 114,75 | 3,7 | 5,6 | 5,3 | 8,0 | | | |
| | 15 | 135 | 1,2 | 92,82 | 4,1 | 5,6 | 5,3 | 8,0 | | | |
| | 17 | 120 | 1,4 | 80,58 | 4,3 | 5,6 | 5,4 | 8,0 | | | |
| | 21 | 119 | 1,4 | 65,25 | 4,2 | 5,6 | 5,3 | 8,0 | | | |
| | 24 | 106 | 1,6 | 57,38 | 4,4 | 5,6 | 5,4 | 8,0 | | | |
| | 27 | 94 | 1,6 | 50,63 | 4,5 | 5,6 | 5,4 | 8,0 | | | |
| | 34 | 77 | 2,0 | 40,95 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 39 | 68 | 2,3 | 35,55 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 45 | 64 | 2,4 | 30,94 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 51 | 57 | 2,7 | 27,21 | 4,6 | 5,6 | 5,4 | 8,0 | | | |
| | 58 | 50 | 3,1 | 24,01 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 71 | 41 | 3,5 | 19,42 | 4,6 | 5,6 | 5,5 | 8,0 | | | |
| | 82 | 36 | 3,3 | 16,86 | 4,4 | 5,6 | 5,5 | 8,0 | | | |
| | 93 | 32 | 3,6 | 14,72 | 4,2 | 5,6 | 5,5 | 8,0 | | | |
| | 105 | 29 | 4,1 | 13,18 | 4,0 | 5,6 | 5,5 | 8,0 | | | |
| | 119 | 26 | 4,4 | 11,63 | 3,9 | 5,6 | 5,5 | 8,0 | | | |

# 0,55 kW

IE2

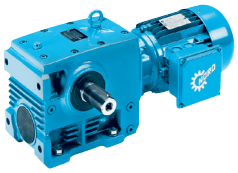


NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **0,55** | 1,0 | 2731 | 1,1 | 1476,55 | 23,9 | 20,8 | 26,5 | 28,0 | **SK 43125 - 80 SH/4** | 122 | F50-51 |
| | 1,2 | 2261 | 1,4 | 1198,50 | 26,0 | 20,8 | 26,5 | 28,0 | | | |
| | 1,5 | 1785 | 1,7 | 928,25 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 1,8 | 1558 | 2,0 | 794,58 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 2,1 | 1735 | 1,6 | 689,67 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 2,3 | 1529 | 1,7 | 607,91 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 2,6 | 1397 | 2,2 | 547,47 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 3,2 | 1134 | 2,6 | 444,38 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 3,7 | 985 | 2,6 | 380,39 | 26,5 | 20,8 | 26,5 | 28,0 | | | |
| | 3,0 | 918 | 1,7 | 468,37 | 16,2 | 12,0 | 16,2 | 16,0 | **SK 33100 - 80 SH/4** | 73 | F46-47 |
| | 3,9 | 743 | 2,0 | 365,07 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 4,7 | 620 | 2,4 | 299,28 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 2,2 | 1217 | 1,2 | 645,00 | 14,5 | 12,0 | 16,2 | 16,0 | **SK 32100 - 80 SH/4** | 65 | F44-45 |
| | 2,8 | 981 | 1,4 | 510,00 | 15,9 | 12,0 | 16,2 | 16,0 | | | |
| | 5,9 | 518 | 2,7 | 241,50 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 7,7 | 414 | 3,3 | 183,50 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 8,6 | 380 | 3,5 | 165,50 | 16,2 | 12,0 | 16,2 | 16,0 | | | |
| | 3,5 | 760 | 0,9 | #402,90 | 6,1 | 9,0 | 11,6 | 12,0 | **SK 12080 - 80 SH/4** | 39 | F40-41 |
| | 5,1 | 697 | 1,0 | #276,92 | 7,0 | 9,0 | 12,1 | 12,0 | | | |
| | 6,1 | 477 | 1,5 | 234,60 | 9,0 | 9,0 | 13,0 | 12,0 | | | |
| | 7,6 | 395 | 1,7 | 187,17 | 9,5 | 9,0 | 13,0 | 12,0 | | | |
| | 9,0 | 338 | 2,0 | 157,59 | 9,7 | 9,0 | 13,0 | 12,0 | | | |
| | 10 | 307 | 2,1 | 138,21 | 9,9 | 9,0 | 13,0 | 12,0 | | | |
| | 12 | 278 | 2,2 | 123,42 | 10,0 | 9,0 | 13,0 | 12,0 | | | |
| | 13 | 243 | 2,4 | 106,08 | 10,1 | 9,0 | 13,0 | 12,0 | | | |
| | 15 | 220 | 2,5 | 94,35 | 10,2 | 9,0 | 13,0 | 12,0 | | | |
| | 18 | 219 | 3,0 | 78,91 | 10,2 | 9,0 | 13,0 | 12,0 | | | |
| | 21 | 187 | 3,4 | 66,44 | 10,2 | 9,0 | 13,0 | 12,0 | | | |
| | 24 | 166 | 3,6 | 58,27 | 10,3 | 9,0 | 13,0 | 12,0 | | | |
| | 27 | 148 | 3,9 | 52,03 | 10,2 | 9,0 | 13,0 | 12,0 | | | |
| | 7,7 | 367 | 0,9 | 183,60 | 6,4 | 7,7 | 9,9 | 10,0 | **SK 12063 - 80 SH/4** | 29 | F36-37 |
| | 8,8 | 330 | 0,9 | 162,18 | 6,7 | 7,7 | 10,1 | 10,0 | | | |
| | 9,8 | 299 | 1,0 | 144,33 | 7,0 | 7,7 | 10,3 | 10,0 | | | |
| | 12 | 254 | 1,2 | 118,32 | 7,3 | 7,7 | 10,5 | 10,0 | | | |
| | 14 | 227 | 1,3 | 104,04 | 7,4 | 7,7 | 10,6 | 10,0 | | | |
| | 15 | 205 | 1,4 | 92,31 | 7,5 | 7,7 | 10,7 | 10,0 | | | |
| | 18 | 206 | 1,5 | 77,40 | 7,5 | 7,7 | 10,7 | 10,0 | | | |
| | 21 | 185 | 1,6 | 68,37 | 7,6 | 7,7 | 10,7 | 10,0 | | | |
| | 23 | 164 | 1,7 | 60,85 | 7,7 | 7,7 | 10,8 | 10,0 | | | |
| | 28 | 138 | 1,9 | 49,88 | 7,8 | 7,7 | 10,9 | 10,0 | | | |
| | 32 | 122 | 2,1 | 43,86 | 7,7 | 7,7 | 10,9 | 10,0 | | | |
| | 36 | 109 | 2,2 | 38,92 | 7,5 | 7,7 | 10,9 | 10,0 | | | |
| | 41 | 105 | 2,5 | 34,89 | 7,2 | 7,7 | 10,9 | 10,0 | | | |
| | 50 | 87 | 2,8 | 28,61 | 6,8 | 7,7 | 11,0 | 10,0 | | | |
| | 56 | 77 | 3,2 | 25,15 | 6,6 | 7,7 | 11,0 | 10,0 | | | |
| | 15 | 196 | 0,9 | 92,82 | 4,8 | 8,0 | 6,1 | 8,0 | **SK 02050 - 80 SH/4** | 25 | F32-33 |
| | 18 | 173 | 1,0 | 80,58 | 5,0 | 8,0 | 6,1 | 8,0 | | | |
| | 22 | 174 | 1,0 | 65,25 | 5,0 | 8,0 | 6,1 | 8,0 | | | |
| | 25 | 153 | 1,1 | 57,38 | 5,2 | 8,0 | 6,1 | 8,0 | | | |
| | 28 | 137 | 1,1 | 50,63 | 5,3 | 8,0 | 6,1 | 8,0 | | | |
| | 35 | 112 | 1,4 | 40,95 | 5,5 | 8,0 | 6,1 | 8,0 | | | |
| | 40 | 99 | 1,6 | 35,55 | 5,3 | 8,0 | 6,1 | 8,0 | | | |
| | 46 | 93 | 1,7 | 30,94 | 5,0 | 7,1 | 6,1 | 8,0 | | | |
| | 52 | 83 | 1,9 | 27,21 | 4,9 | 6,8 | 6,1 | 8,0 | | | |
| | 59 | 73 | 2,1 | 24,01 | 4,7 | 6,6 | 6,1 | 8,0 | | | |
| | 73 | 60 | 2,4 | 19,42 | 4,5 | 6,2 | 6,1 | 8,0 | | | |
| | 84 | 52 | 2,3 | 16,86 | 4,3 | 5,9 | 6,1 | 8,0 | | | |
| | 96 | 46 | 2,5 | 14,72 | 4,1 | 5,7 | 6,1 | 8,0 | | | |
| | 108 | 42 | 2,8 | 13,18 | 3,9 | 4,8 | 6,1 | 8,0 | | | |
| | 122 | 37 | 3,0 | 11,63 | 3,7 | 4,7 | 6,1 | 8,0 | | | |
| | 151 | 31 | 3,6 | 9,41 | 3,5 | 4,4 | 6,1 | 8,0 | | | |
| | 174 | 27 | 4,1 | 8,17 | 3,4 | 4,2 | 6,1 | 8,0 | | | |
| | 199 | 23 | 4,5 | 7,13 | 3,3 | 4,1 | 6,1 | 8,0 | | | |



# only available in version **.Z** or **.F**



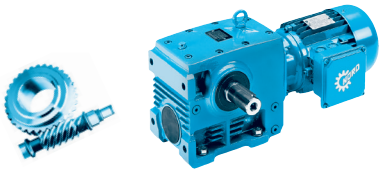
IE3

# 0,75 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 1,0 | 3742 | 0,8 | 1476,55 | - | 2,8 | 16,0 | 28,0 | **SK 43125 - 80 LP/4** | 123 | F50-51 |
| | 1,2 | 3088 | 1,0 | 1198,50 | 4,5 | 2,8 | 21,8 | 28,0 | | | |
| | 1,5 | 2446 | 1,3 | 928,25 | 11,9 | 2,8 | 23,4 | 28,0 | | | |
| | 1,8 | 2126 | 1,5 | 794,58 | 15,4 | 2,8 | 23,8 | 28,0 | | | |
| | 2,0 | 2376 | 1,2 | 689,67 | 11,7 | 2,8 | 23,6 | 28,0 | | | |
| | 2,3 | 2102 | 1,3 | 607,91 | 14,7 | 2,8 | 23,9 | 28,0 | | | |
| | 2,6 | 1903 | 1,6 | 547,47 | 16,8 | 2,8 | 24,9 | 28,0 | | | |
| | 3,2 | 1564 | 1,9 | 444,38 | 19,3 | 2,8 | 24,4 | 28,0 | | | |
| | 3,7 | 1350 | 1,9 | 380,39 | 19,7 | 2,8 | 24,6 | 28,0 | | | |
| | 4,4 | 1163 | 2,1 | 323,51 | 2,9 | 2,8 | 24,8 | 28,0 | | | |
| | 5,2 | 983 | 2,9 | 269,76 | 2,4 | 2,8 | 24,9 | 28,0 | | | |
| | 6,0 | 871 | 3,2 | 236,58 | 2,6 | 2,8 | 24,9 | 28,0 | | | |
| | 7,5 | 704 | 3,7 | 187,80 | 2,8 | 2,8 | 25,2 | 28,0 | | | |
| | 9,3 | 583 | 4,4 | 152,44 | 3,0 | 2,8 | 25,7 | 28,0 | | | |
| | 11 | 506 | 4,9 | 130,49 | 21,6 | 2,8 | 25,1 | 28,0 | | | |
| | 16 | 363 | 4,8 | 86,22 | 21,2 | 2,8 | 25,1 | 28,0 | | | |
| | 2,1 | 1698 | 0,9 | 660,60 | - | 12,0 | 1,3 | 16,0 | **SK 33100 - 80 LP/4** | 74 | F46-47 |
| | 2,7 | 1373 | 1,2 | 519,31 | 4,2 | 12,0 | 13,7 | 16,0 | | | |
| | 3,0 | 1255 | 1,3 | 468,37 | 5,9 | 12,0 | 15,0 | 16,0 | | | |
| | 3,9 | 1012 | 1,5 | 365,07 | 9,1 | 12,0 | 15,7 | 16,0 | | | |
| | 4,7 | 853 | 1,8 | 299,28 | 11,1 | 12,0 | 16,0 | 16,0 | | | |
| | 5,5 | 918 | 1,6 | 257,63 | 9,6 | 12,0 | 15,9 | 16,0 | | | |
| | 7,7 | 667 | 2,1 | 182,66 | 11,7 | 12,0 | 16,2 | 16,0 | | | |
| | 9,9 | 530 | 2,5 | 142,38 | 12,8 | 12,0 | 16,2 | 16,0 | | | |
| | 12 | 490 | 2,4 | 121,21 | 12,1 | 12,0 | 16,2 | 16,0 | | | |
| | 13 | 444 | 2,7 | 109,32 | 12,2 | 12,0 | 16,2 | 16,0 | | | |
| | 17 | 351 | 3,1 | 85,21 | 12,4 | 12,0 | 16,2 | 16,0 | | | |
| | 20 | 290 | 3,7 | 69,85 | 12,5 | 12,0 | 16,2 | 16,0 | | | |
| | 26 | 234 | 2,9 | 53,70 | 11,3 | 12,0 | 16,2 | 16,0 | | | |
| | 2,2 | 1663 | 0,9 | 645,00 | - | 12,0 | 1,7 | 16,0 | **SK 32100 - 80 LP/4** | 66 | F44-45 |
| | 2,8 | 1351 | 1,1 | 510,00 | 4,5 | 12,0 | 14,0 | 16,0 | | | |
| | 5,9 | 714 | 2,0 | 241,50 | 11,7 | 12,0 | 16,1 | 16,0 | | | |
| | 7,7 | 567 | 2,4 | 183,50 | 12,4 | 12,0 | 16,2 | 16,0 | | | |
| | 8,6 | 521 | 2,6 | 165,50 | 12,1 | 12,0 | 16,2 | 16,0 | | | |
| | 11 | 423 | 2,9 | 129,00 | 12,3 | 12,0 | 16,2 | 16,0 | | | |
| | 15 | 364 | 3,6 | 94,19 | 12,4 | 12,0 | 16,2 | 16,0 | | | |
| | 20 | 283 | 4,3 | 71,57 | 12,6 | 12,0 | 16,2 | 16,0 | | | |
| | 22 | 257 | 4,6 | 64,55 | 12,6 | 12,0 | 16,2 | 16,0 | | | |
| | 6,0 | 654 | 1,1 | 234,60 | 4,4 | 9,0 | 8,6 | 12,0 | **SK 12080 - 80 LP/4** | 40 | F40-41 |
| | 7,6 | 540 | 1,2 | 187,17 | 5,9 | 9,0 | 8,9 | 12,0 | | | |
| | 9,0 | 467 | 1,4 | 157,59 | 6,8 | 9,0 | 9,1 | 12,0 | | | |
| | 10 | 418 | 1,5 | 138,21 | 7,2 | 9,0 | 9,2 | 12,0 | | | |
| | 11 | 381 | 1,6 | 123,42 | 7,3 | 9,0 | 9,2 | 12,0 | | | |
| | 13 | 335 | 1,8 | 106,08 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 15 | 303 | 1,9 | 94,35 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 18 | 298 | 2,2 | 78,91 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 21 | 255 | 2,5 | 66,44 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 24 | 226 | 2,7 | 58,27 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 27 | 204 | 2,8 | 52,03 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 32 | 178 | 3,1 | 44,72 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 37 | 160 | 3,4 | 37,91 | 7,8 | 9,0 | 9,4 | 12,0 | | | |
| | 44 | 136 | 3,9 | 31,92 | 7,9 | 9,0 | 9,4 | 12,0 | | | |
| | 51 | 120 | 4,2 | 27,99 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 57 | 108 | 4,5 | 25,00 | 7,9 | 9,0 | 9,5 | 12,0 | | | |
| | 12 | 345 | 0,9 | 118,32 | 5,9 | 7,7 | 6,7 | 1,0 | **SK 12063 - 80 LP/4** | 30 | F36-37 |
| | 14 | 310 | 1,0 | 104,04 | 5,3 | 7,7 | 6,9 | 1,0 | | | |
| | 15 | 279 | 1,1 | 92,31 | 5,4 | 7,7 | 6,9 | 1,0 | | | |
| | 18 | 282 | 1,1 | 77,40 | 5,3 | 7,7 | 6,9 | 1,0 | | | |
| | 21 | 252 | 1,2 | 68,37 | 5,5 | 7,7 | 6,9 | 1,0 | | | |
| | 23 | 226 | 1,2 | 60,85 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 28 | 188 | 1,4 | 49,88 | 5,7 | 7,7 | 7,3 | 1,0 | | | |
| | 32 | 167 | 1,5 | 43,86 | 5,8 | 7,7 | 7,6 | 1,0 | | | |
| | 36 | 150 | 1,6 | 38,92 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 40 | 144 | 1,8 | 34,89 | 5,8 | 7,7 | 7,9 | 1,0 | | | |
| | 49 | 119 | 2,1 | 28,61 | 5,9 | 7,7 | 7,1 | 1,0 | | | |
| | 56 | 106 | 2,3 | 25,15 | 6,0 | 7,7 | 7,1 | 1,0 | | | |
| | 63 | 94 | 2,6 | 22,32 | 6,0 | 7,7 | 7,2 | 1,0 | | | |

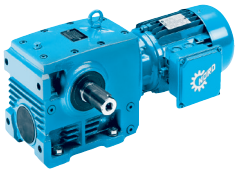
# 0,75 kW
# 1,10 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0,75 | 74 | 81 | 2,7 | 18,99 | 5,8 | 7,7 | 7,2 | 1,0 | **SK 12063 - 80 LP/4** | 30 | F36-37 |
| | 91 | 69 | 2,8 | 15,57 | 5,3 | 7,7 | 7,2 | 1,0 | | | |
| | 111 | 57 | 3,2 | 12,76 | 5,6 | 7,7 | 7,2 | 1,0 | | | |
| | 126 | 50 | 3,5 | 11,22 | 4,9 | 7,7 | 7,2 | 1,0 | | | |
| | 142 | 45 | 3,8 | 9,96 | 4,7 | 7,5 | 7,2 | 1,0 | | | |
| | 167 | 38 | 4,3 | 8,47 | 4,5 | 7,2 | 7,2 | 1,0 | | | |
| | 191 | 34 | 4,6 | 7,43 | 4,4 | 7,5 | 7,2 | 1,0 | | | |
| | 25 | 209 | 0,8 | 57,38 | 2,7 | 5,6 | 5,0 | 8,0 | **SK 02050 - 80 LP/4** | 26 | F32-33 |
| | 28 | 187 | 0,8 | 50,63 | 3,1 | 5,6 | 5,2 | 8,0 | | | |
| | 35 | 153 | 1,0 | 40,95 | 3,7 | 5,6 | 5,3 | 8,0 | | | |
| | 40 | 135 | 1,2 | 35,55 | 4,2 | 5,6 | 5,3 | 8,0 | | | |
| | 46 | 127 | 1,2 | 30,94 | 3,9 | 5,6 | 5,3 | 8,0 | | | |
| | 52 | 112 | 1,4 | 27,21 | 4,2 | 5,6 | 5,3 | 8,0 | | | |
| | 59 | 100 | 1,6 | 24,01 | 4,4 | 5,6 | 5,4 | 8,0 | | | |
| | 73 | 81 | 1,8 | 19,42 | 4,1 | 5,6 | 5,5 | 8,0 | | | |
| | 84 | 71 | 1,7 | 16,86 | 4,1 | 5,6 | 5,4 | 8,0 | | | |
| | 96 | 63 | 1,8 | 14,72 | 3,9 | 5,6 | 5,4 | 8,0 | | | |
| | 108 | 58 | 2,1 | 13,18 | 3,6 | 5,1 | 5,4 | 8,0 | | | |
| | 122 | 51 | 2,2 | 11,63 | 3,5 | 5,7 | 5,4 | 8,0 | | | |
| | 151 | 42 | 2,6 | 9,41 | 3,3 | 5,0 | 5,5 | 8,0 | | | |
| | 173 | 36 | 3,0 | 8,17 | 3,2 | 4,9 | 5,5 | 8,0 | | | |
| | 198 | 32 | 3,3 | 7,13 | 3,1 | 4,7 | 5,5 | 8,0 | | | |
| 1,10 | 1,5 | 3554 | 0,9 | 928,25 | - | 2,8 | 17,8 | 28,0 | **SK 43125 - 90 SP/4** | 128 | F50-51 |
| | 1,8 | 3089 | 1,0 | 794,58 | 4,6 | 2,8 | 21,8 | 28,0 | | | |
| | 2,1 | 3449 | 0,8 | 689,67 | - | 2,8 | 17,5 | 28,0 | | | |
| | 2,4 | 3052 | 0,9 | 607,91 | 3,8 | 2,8 | 21,5 | 28,0 | | | |
| | 2,6 | 2763 | 1,1 | 547,47 | 7,3 | 2,8 | 22,9 | 28,0 | | | |
| | 3,2 | 2271 | 1,3 | 444,38 | 12,9 | 2,8 | 23,6 | 28,0 | | | |
| | 3,8 | 1961 | 1,3 | 380,39 | 16,3 | 2,8 | 24,3 | 28,0 | | | |
| | 4,4 | 1689 | 1,4 | 323,51 | 19,5 | 2,8 | 24,3 | 28,0 | | | |
| | 5,3 | 1428 | 2,0 | 269,76 | 19,6 | 2,8 | 24,6 | 28,0 | | | |
| | 6,0 | 1265 | 2,2 | 236,58 | 19,9 | 2,8 | 24,7 | 28,0 | | | |
| | 7,6 | 1022 | 2,5 | 187,80 | 2,3 | 2,8 | 24,8 | 28,0 | | | |
| | 9,4 | 847 | 3,1 | 152,44 | 2,6 | 2,8 | 25,0 | 28,0 | | | |
| | 11 | 735 | 3,4 | 130,49 | 2,8 | 2,8 | 25,7 | 28,0 | | | |
| | 13 | 636 | 3,7 | 110,97 | 2,9 | 2,8 | 25,5 | 28,0 | | | |
| | 17 | 528 | 3,3 | 86,22 | 3,0 | 2,8 | 25,9 | 28,0 | | | |
| | 20 | 434 | 3,6 | 69,99 | 21,9 | 2,8 | 25,1 | 28,0 | | | |
| | 23 | 391 | 4,0 | 62,50 | 21,1 | 2,8 | 25,1 | 28,0 | | | |
| | 2,1 | 2747 | 1,0 | 695,60 | 8,6 | 2,8 | 23,0 | 28,0 | **SK 42125 - 90 SP/4** | 111 | F48-49 |
| | 2,9 | 2045 | 1,4 | 495,85 | 16,2 | 2,8 | 23,9 | 28,0 | | | |
| | 7,1 | 961 | 2,7 | 201,63 | 2,5 | 2,8 | 24,9 | 28,0 | | | |
| | 7,8 | 885 | 2,9 | 182,36 | 2,6 | 2,8 | 24,9 | 28,0 | | | |
| | 8,9 | 795 | 3,1 | 160,74 | 2,8 | 2,8 | 25,0 | 28,0 | | | |
| | 9,9 | 728 | 3,3 | 144,76 | 2,8 | 2,8 | 25,1 | 28,0 | | | |
| | 12 | 611 | 3,7 | 117,50 | 2,9 | 2,8 | 25,7 | 28,0 | | | |
| | 14 | 534 | 4,0 | 100,58 | 21,4 | 2,8 | 25,9 | 28,0 | | | |
| | 16 | 512 | 4,6 | 87,30 | 21,5 | 2,8 | 26,0 | 28,0 | | | |
| | 3,1 | 1824 | 0,9 | 468,37 | - | 12,0 | 9,0 | 16,0 | **SK 33100 - 90 SP/4** | 79 | F46-47 |
| | 3,9 | 1470 | 1,0 | 365,07 | 2,7 | 12,0 | 12,9 | 16,0 | | | |
| | 4,8 | 1240 | 1,2 | 299,28 | 6,1 | 12,0 | 16,0 | 16,0 | | | |
| | 5,6 | 1333 | 1,1 | 257,63 | 3,8 | 12,0 | 13,3 | 16,0 | | | |
| | 7,8 | 969 | 1,5 | 182,66 | 9,0 | 12,0 | 15,8 | 16,0 | | | |
| | 10 | 770 | 1,7 | 142,38 | 11,5 | 12,0 | 16,5 | 16,0 | | | |
| | 12 | 711 | 1,7 | 121,21 | 11,6 | 12,0 | 16,2 | 16,0 | | | |
| | 13 | 645 | 1,8 | 109,32 | 11,7 | 12,0 | 16,2 | 16,0 | | | |
| | 17 | 509 | 2,1 | 85,21 | 12,8 | 12,0 | 16,2 | 16,0 | | | |
| | 21 | 422 | 2,6 | 69,85 | 11,9 | 12,0 | 16,2 | 16,0 | | | |
| | 27 | 340 | 2,0 | 53,70 | 1,5 | 12,0 | 16,2 | 16,0 | | | |
| | 3,5 | 1624 | 0,8 | 410,00 | - | 12,0 | 11,2 | 16,0 | **SK 32100 - 90 SP/4** | 71 | F44-45 |
| | 4,7 | 1258 | 1,1 | 304,00 | 5,9 | 12,0 | 14,9 | 16,0 | | | |
| | 5,9 | 1038 | 1,4 | 241,50 | 8,8 | 12,0 | 15,7 | 16,0 | | | |
| | 7,8 | 825 | 1,7 | 183,50 | 11,4 | 12,0 | 16,0 | 16,0 | | | |
| | 8,6 | 757 | 1,8 | 165,50 | 11,6 | 12,0 | 16,8 | 16,0 | | | |



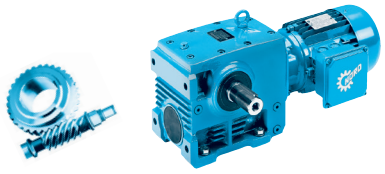
IE3

# 1,10 kW
# 1,50 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,10 | 11 | 614 | 2,0 | 129,00 | 11,9 | 12,0 | 16,2 | 16,0 | **SK 32100 - 90 SP/4** | 71 | F44-45 |
| | 14 | 512 | 2,3 | 104,00 | 12,2 | 12,0 | 16,2 | 16,0 | | | |
| | 15 | 528 | 2,5 | 94,19 | 12,8 | 12,0 | 16,2 | 16,0 | | | |
| | 20 | 411 | 3,0 | 71,57 | 12,3 | 12,0 | 16,2 | 16,0 | | | |
| | 22 | 374 | 3,2 | 64,55 | 12,0 | 12,0 | 16,2 | 16,0 | | | |
| | 28 | 297 | 3,7 | 50,31 | 11,2 | 12,0 | 16,2 | 16,0 | | | |
| | 33 | 266 | 4,1 | 42,83 | 1,6 | 12,0 | 16,2 | 16,0 | | | |
| | 37 | 242 | 4,6 | 38,63 | 1,3 | 12,0 | 16,2 | 16,0 | | | |
| | 7,6 | 785 | 0,9 | 187,17 | - | 9,0 | 8,2 | 12,0 | **SK 12080 - 90 SP/4** | 45 | F40-41 |
| | 9,1 | 679 | 1,0 | 157,59 | 3,9 | 9,0 | 8,5 | 12,0 | | | |
| | 10 | 608 | 1,1 | 138,21 | 5,2 | 9,0 | 8,7 | 12,0 | | | |
| | 12 | 553 | 1,1 | 123,42 | 5,7 | 9,0 | 8,8 | 12,0 | | | |
| | 13 | 487 | 1,2 | 106,08 | 6,6 | 9,0 | 9,0 | 12,0 | | | |
| | 15 | 440 | 1,3 | 94,35 | 8,0 | 9,0 | 9,6 | 12,0 | | | |
| | 18 | 433 | 1,5 | 78,91 | 7,0 | 9,0 | 9,7 | 12,0 | | | |
| | 22 | 371 | 1,7 | 66,44 | 7,3 | 9,0 | 9,2 | 12,0 | | | |
| | 25 | 328 | 1,8 | 58,27 | 7,4 | 9,0 | 9,2 | 12,0 | | | |
| | 27 | 297 | 1,9 | 52,03 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 32 | 258 | 2,1 | 44,72 | 7,6 | 9,0 | 9,3 | 12,0 | | | |
| | 38 | 232 | 2,4 | 37,91 | 7,7 | 9,0 | 9,3 | 12,0 | | | |
| | 45 | 198 | 2,7 | 31,92 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 51 | 174 | 2,9 | 27,99 | 7,7 | 9,0 | 9,4 | 12,0 | | | |
| | 57 | 157 | 3,1 | 25,00 | 7,5 | 9,0 | 9,4 | 12,0 | | | |
| | 66 | 136 | 3,5 | 21,49 | 7,2 | 9,0 | 9,4 | 12,0 | | | |
| | 75 | 121 | 3,8 | 19,11 | 7,2 | 9,0 | 9,5 | 12,0 | | | |
| | 90 | 104 | 3,8 | 15,98 | 6,5 | 9,0 | 9,5 | 12,0 | | | |
| | 102 | 92 | 4,0 | 14,01 | 6,3 | 9,0 | 9,5 | 12,0 | | | |
| | 114 | 82 | 4,2 | 12,51 | 6,9 | 8,9 | 9,5 | 12,0 | | | |
| | 133 | 71 | 4,8 | 10,75 | 5,8 | 8,6 | 9,5 | 12,0 | | | |
| | 21 | 366 | 0,8 | 68,37 | 4,9 | 7,7 | 6,7 | 1,0 | **SK 12063 - 90 SP/4** | 35 | F36-37 |
| | 23 | 329 | 0,9 | 60,85 | 5,1 | 7,7 | 6,8 | 1,0 | | | |
| | 29 | 273 | 1,0 | 49,88 | 5,4 | 7,7 | 6,9 | 1,0 | | | |
| | 33 | 243 | 1,0 | 43,86 | 5,6 | 7,7 | 6,9 | 1,0 | | | |
| | 37 | 217 | 1,1 | 38,92 | 5,7 | 7,7 | 7,0 | 1,0 | | | |
| | 41 | 209 | 1,3 | 34,89 | 5,6 | 7,7 | 7,0 | 1,0 | | | |
| | 50 | 173 | 1,4 | 28,61 | 5,7 | 7,7 | 7,4 | 1,0 | | | |
| | 57 | 154 | 1,6 | 25,15 | 5,8 | 7,7 | 7,7 | 1,0 | | | |
| | 64 | 137 | 1,8 | 22,32 | 5,8 | 7,7 | 8,0 | 1,0 | | | |
| | 75 | 118 | 1,8 | 18,99 | 5,6 | 7,7 | 7,1 | 1,0 | | | |
| | 92 | 100 | 1,9 | 15,57 | 5,0 | 7,5 | 7,1 | 1,0 | | | |
| | 112 | 83 | 2,2 | 12,76 | 4,8 | 7,3 | 7,1 | 1,0 | | | |
| | 127 | 73 | 2,4 | 11,22 | 4,6 | 7,1 | 7,2 | 1,0 | | | |
| | 144 | 65 | 2,6 | 9,96 | 4,5 | 7,0 | 7,2 | 1,0 | | | |
| | 169 | 56 | 3,0 | 8,47 | 4,3 | 6,8 | 7,2 | 1,0 | | | |
| | 193 | 49 | 3,2 | 7,43 | 4,2 | 6,6 | 7,2 | 1,0 | | | |
| | 46 | 185 | 0,8 | 30,94 | 2,9 | 5,6 | 5,3 | 8,0 | **SK 02050 - 90 SP/4** | 31 | F32-33 |
| | 53 | 163 | 0,9 | 27,21 | 3,3 | 5,6 | 5,2 | 8,0 | | | |
| | 60 | 145 | 1,1 | 24,01 | 3,7 | 5,6 | 5,3 | 8,0 | | | |
| | 74 | 118 | 1,2 | 19,42 | 3,7 | 5,6 | 5,3 | 8,0 | | | |
| | 85 | 104 | 1,2 | 16,86 | 3,7 | 5,6 | 5,4 | 8,0 | | | |
| | 97 | 91 | 1,2 | 14,72 | 3,6 | 5,6 | 5,4 | 8,0 | | | |
| | 109 | 84 | 1,4 | 13,18 | 3,2 | 4,2 | 5,4 | 8,0 | | | |
| | 123 | 74 | 1,5 | 11,63 | 3,2 | 4,2 | 5,4 | 8,0 | | | |
| | 152 | 61 | 1,8 | 9,41 | 3,7 | 4,3 | 5,4 | 8,0 | | | |
| | 175 | 53 | 2,1 | 8,17 | 3,0 | 4,2 | 5,4 | 8,0 | | | |
| | 200 | 46 | 2,3 | 7,13 | 2,9 | 4,2 | 5,4 | 7,8 | | | |
| 1,50 | 2,6 | 3805 | 0,8 | 547,47 | - | 2,8 | 14,1 | 28,0 | **SK 43125 - 90 LP/4** | 130 | F50-51 |
| | 3,2 | 3127 | 1,0 | 444,38 | 2,9 | 2,8 | 2,4 | 28,0 | | | |
| | 3,7 | 2700 | 1,0 | 380,39 | 8,1 | 2,8 | 23,3 | 28,0 | | | |
| | 4,4 | 2326 | 1,0 | 323,51 | 12,4 | 2,8 | 23,6 | 28,0 | | | |
| | 5,2 | 1967 | 1,4 | 269,76 | 16,3 | 2,8 | 24,2 | 28,0 | | | |
| | 6,0 | 1742 | 1,6 | 236,58 | 18,7 | 2,8 | 24,3 | 28,0 | | | |
| | 7,5 | 1408 | 1,8 | 187,80 | 19,6 | 2,8 | 24,6 | 28,0 | | | |
| | 9,3 | 1166 | 2,2 | 152,44 | 3,0 | 2,8 | 24,8 | 28,0 | | | |
| | 11 | 1012 | 2,5 | 130,49 | 2,4 | 2,8 | 24,9 | 28,0 | | | |
| | 13 | 875 | 2,7 | 110,97 | 2,6 | 2,8 | 24,9 | 28,0 | | | |
| | 16 | 727 | 2,4 | 86,22 | 2,7 | 2,8 | 25,7 | 28,0 | | | |
| | 20 | 598 | 2,6 | 69,99 | 2,9 | 2,8 | 25,6 | 28,0 | | | |
| | 23 | 538 | 2,9 | 62,50 | 2,6 | 2,8 | 25,8 | 28,0 | | | |

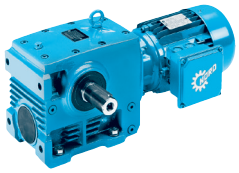
# 1,50 kW

IE3



NORD DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 2,9 | 2814 | 1,0 | 495,85 | 7,9 | 2,8 | 22,9 | 28,0 | **SK 42125 - 90 LP/4** | 113 | F48-49 |
| | 7,0 | 1322 | 2,0 | 201,63 | 19,9 | 2,8 | 24,6 | 28,0 | | | |
| | 7,8 | 1217 | 2,1 | 182,36 | 2,5 | 2,8 | 24,7 | 28,0 | | | |
| | 8,8 | 1093 | 2,3 | 160,74 | 2,3 | 2,8 | 24,8 | 28,0 | | | |
| | 9,8 | 1002 | 2,4 | 144,76 | 2,5 | 2,8 | 24,9 | 28,0 | | | |
| | 12 | 840 | 2,7 | 117,50 | 2,6 | 2,8 | 25,0 | 28,0 | | | |
| | 14 | 735 | 2,9 | 100,58 | 2,8 | 2,8 | 25,1 | 28,0 | | | |
| | 16 | 705 | 3,3 | 87,30 | 2,8 | 2,8 | 25,2 | 28,0 | | | |
| | 18 | 627 | 3,7 | 76,95 | 3,0 | 2,8 | 25,6 | 28,0 | | | |
| | 20 | 570 | 3,9 | 69,30 | 3,0 | 2,8 | 25,8 | 28,0 | | | |
| | 25 | 471 | 4,4 | 56,25 | 2,3 | 2,8 | 25,1 | 28,0 | | | |
| | 29 | 408 | 4,8 | 48,15 | 19,5 | 2,8 | 25,1 | 28,0 | | | |
| | 4,7 | 1706 | 0,9 | 299,28 | - | 12,0 | 1,4 | 16,0 | **SK 33100 - 90 LP/4** | 81 | F46-47 |
| | 5,5 | 1836 | 0,8 | 257,63 | - | 12,0 | 7,7 | 16,0 | | | |
| | 7,7 | 1335 | 1,1 | 182,66 | 3,8 | 12,0 | 13,3 | 16,0 | | | |
| | 9,9 | 1060 | 1,2 | 142,38 | 7,8 | 12,0 | 15,6 | 16,0 | | | |
| | 12 | 979 | 1,2 | 121,21 | 8,8 | 12,0 | 15,8 | 16,0 | | | |
| | 13 | 888 | 1,3 | 109,32 | 9,4 | 12,0 | 15,9 | 16,0 | | | |
| | 17 | 701 | 1,5 | 85,21 | 11,4 | 12,0 | 16,1 | 16,0 | | | |
| | 20 | 581 | 1,9 | 69,85 | 12,0 | 12,0 | 16,2 | 16,0 | | | |
| | 26 | 469 | 1,5 | 53,70 | 9,7 | 11,8 | 16,2 | 16,0 | | | |
| | 4,7 | 1731 | 0,8 | 304,00 | | 12,0 | 1,8 | 16,0 | **SK 32100 - 90 LP/4** | 73 | F44-45 |
| | 5,9 | 1428 | 1,0 | 241,50 | 3,4 | 12,0 | 13,3 | 16,0 | | | |
| | 7,7 | 1134 | 1,2 | 183,50 | 7,6 | 12,0 | 15,5 | 16,0 | | | |
| | 8,6 | 1041 | 1,3 | 165,50 | 8,8 | 12,0 | 15,7 | 16,0 | | | |
| | 11 | 845 | 1,5 | 129,00 | 11,3 | 12,0 | 16,0 | 16,0 | | | |
| | 14 | 705 | 1,7 | 104,00 | 11,8 | 12,0 | 16,1 | 16,0 | | | |
| | 15 | 727 | 1,8 | 94,19 | 11,6 | 12,0 | 16,1 | 16,0 | | | |
| | 20 | 565 | 2,2 | 71,57 | 11,5 | 12,0 | 16,2 | 16,0 | | | |
| | 22 | 515 | 2,3 | 64,55 | 11,3 | 12,0 | 16,2 | 16,0 | | | |
| | 28 | 409 | 2,7 | 50,31 | 1,7 | 12,0 | 16,2 | 16,0 | | | |
| | 33 | 367 | 3,0 | 42,83 | 1,1 | 12,0 | 16,2 | 16,0 | | | |
| | 37 | 333 | 3,3 | 38,63 | 9,9 | 12,0 | 16,2 | 16,0 | | | |
| | 41 | 288 | 3,8 | 34,32 | 9,8 | 12,0 | 16,2 | 16,0 | | | |
| | 47 | 263 | 4,0 | 30,11 | 9,3 | 12,0 | 16,2 | 16,0 | | | |
| | 58 | 214 | 4,8 | 24,27 | 8,9 | 12,0 | 16,2 | 16,0 | | | |
| | 69 | 183 | 4,6 | 20,54 | 8,5 | 12,0 | 16,2 | 16,0 | | | |
| | 75 | 172 | 4,2 | 18,97 | 8,0 | 11,1 | 16,2 | 16,0 | | | |
| | 83 | 156 | 4,6 | 17,11 | 7,8 | 1,9 | 16,2 | 16,0 | | | |
| | 11 | 761 | 0,8 | 123,42 | - | 9,0 | 8,4 | 12,0 | **SK 12080 - 90 LP/4** | 47 | F40-41 |
| | 13 | 670 | 0,9 | 106,08 | 4,2 | 9,0 | 8,6 | 12,0 | | | |
| | 15 | 605 | 0,9 | 94,35 | 5,7 | 9,0 | 8,7 | 12,0 | | | |
| | 18 | 596 | 1,1 | 78,91 | 4,8 | 9,0 | 8,7 | 12,0 | | | |
| | 21 | 510 | 1,2 | 66,44 | 6,2 | 9,0 | 8,9 | 12,0 | | | |
| | 24 | 452 | 1,3 | 58,27 | 6,7 | 9,0 | 9,3 | 12,0 | | | |
| | 27 | 408 | 1,4 | 52,03 | 7,2 | 9,0 | 9,1 | 12,0 | | | |
| | 32 | 356 | 1,5 | 44,72 | 7,3 | 9,0 | 9,2 | 12,0 | | | |
| | 37 | 320 | 1,7 | 37,91 | 7,5 | 9,0 | 9,2 | 12,0 | | | |
| | 44 | 272 | 1,9 | 31,92 | 7,5 | 9,0 | 9,3 | 12,0 | | | |
| | 51 | 240 | 2,1 | 27,99 | 7,3 | 9,0 | 9,3 | 12,0 | | | |
| | 57 | 216 | 2,3 | 25,00 | 7,1 | 9,0 | 9,4 | 12,0 | | | |
| | 66 | 187 | 2,5 | 21,49 | 6,9 | 9,0 | 9,4 | 12,0 | | | |
| | 74 | 167 | 2,7 | 19,11 | 6,7 | 9,0 | 9,4 | 12,0 | | | |
| | 89 | 144 | 2,7 | 15,98 | 6,1 | 8,6 | 9,4 | 12,0 | | | |
| | 101 | 126 | 2,9 | 14,01 | 6,0 | 8,4 | 9,4 | 12,0 | | | |
| | 113 | 114 | 3,0 | 12,51 | 5,8 | 8,3 | 9,4 | 12,0 | | | |
| | 131 | 98 | 3,5 | 10,75 | 5,6 | 9,0 | 9,5 | 12,0 | | | |
| | 148 | 87 | 3,9 | 9,56 | 5,5 | 7,9 | 9,5 | 12,0 | | | |
| | 187 | 70 | 4,2 | 7,55 | 5,2 | 7,6 | 9,5 | 12,0 | | | |
| | 36 | 299 | 0,8 | 38,92 | 5,3 | 7,7 | 6,8 | 1,0 | **SK 12063 - 90 LP/4** | 37 | F36-37 |
| | 40 | 288 | 0,9 | 34,89 | 5,3 | 7,7 | 6,8 | 1,0 | | | |
| | 49 | 238 | 1,0 | 28,61 | 5,5 | 7,7 | 6,9 | 1,0 | | | |
| | 56 | 211 | 1,2 | 25,15 | 5,4 | 7,7 | 7,0 | 1,0 | | | |
| | 63 | 188 | 1,3 | 22,32 | 5,3 | 7,7 | 7,2 | 1,0 | | | |
| | 74 | 162 | 1,3 | 18,99 | 5,2 | 7,7 | 7,6 | 1,0 | | | |
| | 91 | 138 | 1,4 | 15,57 | 4,6 | 6,5 | 7,6 | 1,0 | | | |



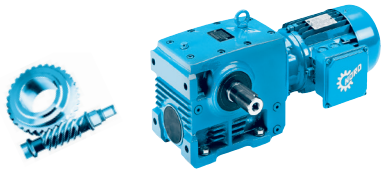
IE3

# 1,50 kW
# 2,20 kW

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,50 | 111 | 114 | 1,6 | 12,76 | 4,5 | 6,5 | 8,0 | 1,0 | **SK 12063 - 90 LP/4** | 37 | F36-37 |
| | 126 | 101 | 1,7 | 11,22 | 4,4 | 6,5 | 7,1 | 1,0 | | | |
| | 142 | 89 | 1,9 | 9,96 | 4,3 | 6,5 | 7,1 | 1,0 | | | |
| | 167 | 77 | 2,2 | 8,47 | 4,1 | 6,3 | 7,2 | 1,0 | | | |
| | 191 | 67 | 2,3 | 7,43 | 4,3 | 6,2 | 7,2 | 1,0 | | | |
| | 73 | 163 | 0,9 | 19,42 | 3,3 | 4,8 | 5,2 | 8,0 | **SK 02050 - 90 LP/4** | 33 | F32-33 |
| | 84 | 143 | 0,8 | 16,86 | 3,3 | 4,9 | 5,3 | 8,0 | | | |
| | 96 | 125 | 0,9 | 14,72 | 3,3 | 4,9 | 5,3 | 8,0 | | | |
| | 108 | 116 | 1,0 | 13,18 | 2,8 | 3,7 | 5,3 | 7,4 | | | |
| | 122 | 103 | 1,1 | 11,63 | 2,8 | 3,3 | 5,3 | 7,4 | | | |
| | 151 | 83 | 1,3 | 9,41 | 2,8 | 3,5 | 5,4 | 7,4 | | | |
| | 173 | 73 | 1,5 | 8,17 | 2,7 | 3,6 | 5,4 | 7,4 | | | |
| | 198 | 64 | 1,6 | 7,13 | 2,7 | 3,6 | 5,4 | 7,3 | | | |
| 2,20 | 5,4 | 2794 | 1,0 | 269,76 | 7,8 | 2,8 | 22,9 | 28,0 | **SK 43125 - 100 LP/4** | 141 | F50-51 |
| | 6,2 | 2475 | 1,1 | 236,58 | 1,8 | 2,8 | 23,4 | 28,0 | | | |
| | 7,8 | 2000 | 1,3 | 187,80 | 16,0 | 2,8 | 24,0 | 28,0 | | | |
| | 9,6 | 1657 | 1,6 | 152,44 | 19,1 | 2,8 | 24,3 | 28,0 | | | |
| | 11 | 1438 | 1,7 | 130,49 | 19,6 | 2,8 | 24,5 | 28,0 | | | |
| | 13 | 1244 | 1,9 | 110,97 | 20,0 | 2,8 | 24,7 | 28,0 | | | |
| | 17 | 1031 | 1,7 | 86,22 | 2,2 | 2,8 | 24,8 | 28,0 | | | |
| | 21 | 848 | 1,8 | 69,99 | 19,8 | 2,8 | 24,9 | 28,0 | | | |
| | 23 | 764 | 2,1 | 62,50 | 19,3 | 2,8 | 25,0 | 28,0 | | | |
| | 4,3 | 2892 | 1,0 | 337,46 | 7,8 | 2,8 | 22,7 | 28,0 | **SK 42125 - 100 LP/4** | 124 | F48-49 |
| | 7,3 | 1884 | 1,4 | 201,63 | 18,0 | 2,8 | 24,1 | 28,0 | | | |
| | 8,0 | 1734 | 1,5 | 182,36 | 19,2 | 2,8 | 24,3 | 28,0 | | | |
| | 9,1 | 1558 | 1,6 | 160,74 | 19,4 | 2,8 | 24,5 | 28,0 | | | |
| | 10 | 1427 | 1,7 | 144,76 | 19,7 | 2,8 | 24,6 | 28,0 | | | |
| | 12 | 1196 | 1,9 | 117,50 | 2,9 | 2,8 | 24,7 | 28,0 | | | |
| | 15 | 1046 | 2,0 | 100,58 | 2,3 | 2,8 | 24,8 | 28,0 | | | |
| | 17 | 1002 | 2,4 | 87,30 | 2,4 | 2,8 | 24,9 | 28,0 | | | |
| | 19 | 891 | 2,6 | 76,95 | 2,5 | 2,8 | 24,9 | 28,0 | | | |
| | 21 | 810 | 2,7 | 69,30 | 2,3 | 2,8 | 25,0 | 28,0 | | | |
| | 26 | 670 | 3,1 | 56,25 | 19,3 | 2,8 | 25,4 | 28,0 | | | |
| | 30 | 579 | 3,4 | 48,15 | 18,6 | 2,8 | 25,7 | 28,0 | | | |
| | 36 | 499 | 3,7 | 40,95 | 17,8 | 2,8 | 25,1 | 28,0 | | | |
| | 41 | 445 | 3,6 | 35,33 | 16,8 | 2,8 | 25,1 | 28,0 | | | |
| | 46 | 403 | 4,6 | 31,82 | 16,4 | 2,8 | 25,1 | 28,0 | | | |
| | 8,0 | 1616 | 0,8 | 183,50 | - | 12,0 | 11,4 | 16,0 | **SK 32100 - 100 LP/4** | 84 | F44-45 |
| | 8,9 | 1483 | 0,9 | 165,50 | 2,7 | 12,0 | 12,8 | 16,0 | | | |
| | 11 | 1204 | 1,0 | 129,00 | 6,7 | 12,0 | 15,4 | 16,0 | | | |
| | 14 | 1004 | 1,2 | 104,00 | 9,4 | 12,0 | 15,7 | 16,0 | | | |
| | 16 | 1033 | 1,3 | 94,19 | 8,2 | 12,0 | 15,7 | 16,0 | | | |
| | 20 | 803 | 1,5 | 71,57 | 1,2 | 12,0 | 16,1 | 16,0 | | | |
| | 23 | 731 | 1,6 | 64,55 | 1,9 | 12,0 | 17,0 | 16,0 | | | |
| | 29 | 582 | 1,9 | 50,31 | 9,7 | 12,0 | 16,2 | 16,0 | | | |
| | 34 | 521 | 2,1 | 42,83 | 9,2 | 12,0 | 16,2 | 16,0 | | | |
| | 38 | 473 | 2,3 | 38,63 | 9,2 | 12,0 | 16,2 | 16,0 | | | |
| | 43 | 408 | 2,7 | 34,32 | 9,9 | 12,0 | 16,2 | 16,0 | | | |
| | 49 | 373 | 2,8 | 30,11 | 8,6 | 12,0 | 16,2 | 16,0 | | | |
| | 60 | 304 | 3,4 | 24,27 | 8,3 | 12,0 | 16,2 | 16,0 | | | |
| | 71 | 260 | 3,2 | 20,54 | 8,0 | 11,8 | 16,2 | 16,0 | | | |
| | 77 | 244 | 3,0 | 18,97 | 7,4 | 9,8 | 16,2 | 16,0 | | | |
| | 86 | 221 | 3,2 | 17,11 | 7,2 | 9,8 | 16,2 | 16,0 | | | |
| | 90 | 207 | 3,6 | 16,22 | 7,6 | 11,3 | 16,2 | 16,0 | | | |
| | 110 | 174 | 4,1 | 13,34 | 6,9 | 9,4 | 16,2 | 16,0 | | | |
| | 22 | 725 | 0,9 | 66,44 | - | 9,0 | 8,4 | 12,0 | **SK 12080 - 100 LP/4** | 58 | F40-41 |
| | 25 | 642 | 0,9 | 58,27 | 4,2 | 9,0 | 8,6 | 12,0 | | | |
| | 28 | 580 | 1,0 | 52,03 | 5,9 | 9,0 | 8,8 | 12,0 | | | |
| | 33 | 505 | 1,1 | 44,72 | 6,9 | 9,0 | 8,9 | 12,0 | | | |
| | 39 | 454 | 1,2 | 37,91 | 6,2 | 9,0 | 9,0 | 12,0 | | | |
| | 46 | 386 | 1,4 | 31,92 | 6,6 | 9,0 | 9,1 | 12,0 | | | |
| | 52 | 341 | 1,5 | 27,99 | 6,5 | 9,0 | 9,2 | 12,0 | | | |
| | 59 | 307 | 1,6 | 25,00 | 6,4 | 9,0 | 9,2 | 12,0 | | | |
| | 68 | 266 | 1,8 | 21,49 | 6,4 | 9,0 | 9,3 | 12,0 | | | |
| | 77 | 237 | 1,9 | 19,11 | 6,2 | 9,0 | 9,3 | 12,0 | | | |
| | 92 | 204 | 1,9 | 15,98 | 5,5 | 7,2 | 9,3 | 12,0 | | | |

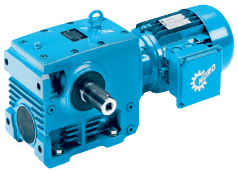
# 2,20 kW
# 3,00 kW

IE3



DRIVESYSTEMS

| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **2,20** | 105 | 179 | 2,0 | 14,01 | 5,4 | 7,2 | 9,4 | 12,0 | **SK 12080 - 100 LP/4** | 58 | F40-41 |
| | 117 | 161 | 2,1 | 12,51 | 5,4 | 7,2 | 9,4 | 12,0 | | | |
| | 136 | 139 | 2,4 | 10,75 | 5,2 | 7,1 | 9,4 | 12,0 | | | |
| | 154 | 124 | 2,7 | 9,56 | 5,9 | 7,7 | 9,4 | 11,9 | | | |
| | 194 | 99 | 3,0 | 7,55 | 4,9 | 6,9 | 9,5 | 11,5 | | | |
| | 58 | 300 | 0,8 | 25,15 | 4,7 | 7,2 | 6,8 | 1,0 | **SK 12063 - 100 LP/4** | 48 | F36-37 |
| | 66 | 267 | 0,9 | 22,32 | 4,6 | 7,3 | 6,9 | 1,0 | | | |
| | 77 | 230 | 0,9 | 18,99 | 4,6 | 7,3 | 6,9 | 1,0 | | | |
| | 94 | 196 | 1,0 | 15,57 | 4,0 | 5,0 | 7,0 | 9,7 | | | |
| | 115 | 161 | 1,1 | 12,76 | 3,9 | 5,2 | 7,2 | 9,7 | | | |
| | 130 | 143 | 1,2 | 11,22 | 4,0 | 5,3 | 7,5 | 9,7 | | | |
| | 147 | 127 | 1,3 | 9,96 | 3,9 | 5,4 | 7,8 | 9,7 | | | |
| | 173 | 109 | 1,5 | 8,47 | 3,8 | 5,4 | 7,2 | 9,5 | | | |
| | 198 | 95 | 1,6 | 7,43 | 3,7 | 5,4 | 7,1 | 9,4 | | | |
| | 156 | 118 | 0,9 | 9,41 | 1,8 | 2,2 | 5,3 | 6,2 | **SK 02050 - 100 LP/4** | 44 | F32-33 |
| | 179 | 103 | 1,1 | 8,17 | 2,8 | 2,4 | 5,3 | 6,3 | | | |
| | 205 | 91 | 1,2 | 7,13 | 2,2 | 2,5 | 5,4 | 6,3 | | | |
| **3,00** | 6,2 | 3385 | 0,8 | 236,58 | - | 2,8 | 18,2 | 28,0 | **SK 43125 - 100 AP/4** | 141 | F50-52 |
| | 7,8 | 2736 | 0,9 | 187,80 | 7,9 | 2,8 | 23,0 | 28,0 | | | |
| | 9,6 | 2266 | 1,1 | 152,44 | 13,2 | 2,8 | 23,7 | 28,0 | | | |
| | 11 | 1967 | 1,3 | 130,49 | 16,5 | 2,8 | 24,2 | 28,0 | | | |
| | 13 | 1701 | 1,4 | 110,97 | 19,3 | 2,8 | 24,4 | 28,0 | | | |
| | 17 | 1411 | 1,2 | 86,22 | 19,1 | 2,8 | 24,5 | 28,0 | | | |
| | 21 | 1161 | 1,3 | 69,99 | 18,5 | 2,8 | 24,7 | 28,0 | | | |
| | 23 | 1045 | 1,5 | 62,50 | 18,1 | 2,8 | 24,8 | 28,0 | | | |
| | 7,2 | 2576 | 1,0 | 201,63 | 1,8 | 2,8 | 23,2 | 28,0 | **SK 42125 - 100 AP/4** | 124 | F49-50 |
| | 8,0 | 2371 | 1,1 | 182,36 | 13,0 | 2,8 | 23,5 | 28,0 | | | |
| | 9,1 | 2130 | 1,2 | 160,74 | 15,5 | 2,8 | 23,8 | 28,0 | | | |
| | 10 | 1951 | 1,2 | 144,76 | 17,4 | 2,8 | 24,5 | 28,0 | | | |
| | 12 | 1636 | 1,4 | 117,50 | 19,2 | 2,8 | 24,4 | 28,0 | | | |
| | 15 | 1430 | 1,5 | 100,58 | 19,7 | 2,8 | 24,6 | 28,0 | | | |
| | 17 | 1370 | 1,7 | 87,30 | 19,7 | 2,8 | 24,6 | 28,0 | | | |
| | 19 | 1219 | 1,9 | 76,95 | 19,6 | 2,8 | 24,7 | 28,0 | | | |
| | 21 | 1108 | 2,0 | 69,30 | 19,2 | 2,8 | 24,8 | 28,0 | | | |
| | 26 | 916 | 2,2 | 56,25 | 18,4 | 2,8 | 24,9 | 28,0 | | | |
| | 30 | 793 | 2,5 | 48,15 | 17,7 | 2,8 | 25,0 | 28,0 | | | |
| | 36 | 683 | 2,7 | 40,95 | 17,9 | 2,8 | 25,3 | 28,0 | | | |
| | 41 | 609 | 2,6 | 35,33 | 16,1 | 2,8 | 25,5 | 28,0 | | | |
| | 46 | 551 | 3,3 | 31,82 | 15,7 | 2,8 | 25,8 | 28,0 | | | |
| | 57 | 452 | 3,8 | 25,83 | 15,0 | 2,8 | 25,1 | 28,0 | | | |
| | 66 | 389 | 4,1 | 22,11 | 14,4 | 2,8 | 25,1 | 28,0 | | | |
| | 78 | 334 | 4,5 | 18,80 | 13,8 | 2,8 | 25,2 | 28,0 | | | |
| | 92 | 286 | 4,3 | 15,92 | 12,9 | 17,7 | 25,2 | 28,0 | | | |
| | 14 | 1373 | 0,9 | 104,00 | 4,4 | 12,0 | 13,9 | 16,0 | **SK 32100 - 100 AP/4** | 84 | F44-45 |
| | 15 | 1414 | 0,9 | 94,19 | 2,7 | 12,0 | 12,7 | 16,0 | | | |
| | 20 | 1099 | 1,1 | 71,57 | 7,4 | 12,0 | 15,6 | 16,0 | | | |
| | 23 | 1000 | 1,2 | 64,55 | 8,7 | 12,0 | 15,7 | 16,0 | | | |
| | 29 | 796 | 1,4 | 50,31 | 8,7 | 12,0 | 16,2 | 16,0 | | | |
| | 34 | 712 | 1,5 | 42,83 | 8,2 | 11,4 | 16,1 | 16,0 | | | |
| | 38 | 647 | 1,7 | 38,63 | 8,2 | 11,5 | 16,2 | 16,0 | | | |
| | 43 | 559 | 2,0 | 34,32 | 8,4 | 12,0 | 16,2 | 16,0 | | | |
| | 49 | 511 | 2,1 | 30,11 | 7,9 | 11,4 | 16,2 | 16,0 | | | |
| | 60 | 416 | 2,5 | 24,27 | 7,7 | 11,2 | 16,2 | 16,0 | | | |
| | 71 | 355 | 2,4 | 20,54 | 7,5 | 1,9 | 16,2 | 16,0 | | | |
| | 77 | 334 | 2,2 | 18,97 | 6,8 | 8,3 | 16,2 | 16,0 | | | |
| | 85 | 302 | 2,3 | 17,11 | 6,7 | 8,4 | 16,2 | 16,0 | | | |
| | 90 | 284 | 2,6 | 16,22 | 7,2 | 1,5 | 16,2 | 16,0 | | | |
| | 110 | 238 | 3,0 | 13,34 | 6,4 | 8,4 | 16,2 | 16,0 | | | |
| | 136 | 193 | 3,8 | 10,75 | 6,2 | 8,4 | 15,4 | 16,0 | | | |
| | 161 | 164 | 4,4 | 9,10 | 6,0 | 8,2 | 14,8 | 16,0 | | | |
| | 39 | 621 | 0,9 | 37,91 | 3,8 | 7,5 | 8,6 | 12,0 | **SK 12080 - 100 AP/4** | 58 | F40-41 |
| | 46 | 528 | 1,0 | 31,92 | 5,2 | 7,9 | 8,8 | 12,0 | | | |
| | 52 | 466 | 1,1 | 27,99 | 5,7 | 8,4 | 9,0 | 12,0 | | | |
| | 58 | 420 | 1,2 | 25,00 | 5,7 | 8,1 | 9,6 | 12,0 | | | |
| | 68 | 363 | 1,3 | 21,49 | 5,7 | 8,2 | 9,2 | 12,0 | | | |

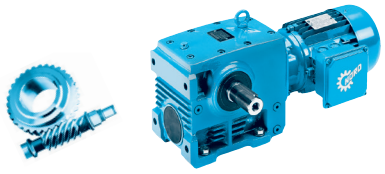


IE3

# 3,00 kW
# 4,00 kW

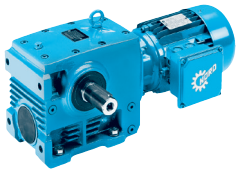
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **3,00** | 77 | 324 | 1,4 | 19,11 | 5,6 | 8,2 | 9,2 | 12,0 | **SK 12080 - 100 AP/4** | 58 | F40-41 |
| | 91 | 279 | 1,4 | 15,98 | 5,0 | 5,6 | 9,2 | 11,3 | | | |
| | 104 | 245 | 1,5 | 14,01 | 4,9 | 5,9 | 9,3 | 11,4 | | | |
| | 117 | 220 | 1,6 | 12,51 | 4,9 | 6,0 | 9,3 | 11,3 | | | |
| | 136 | 190 | 1,8 | 10,75 | 4,8 | 6,2 | 9,4 | 11,2 | | | |
| | 153 | 169 | 2,0 | 9,56 | 4,7 | 6,2 | 9,4 | 11,7 | | | |
| | 193 | 135 | 2,2 | 7,55 | 4,5 | 6,2 | 9,4 | 1,8 | | | |
| **4,00** | 9,5 | 3059 | 0,8 | 152,44 | 4,4 | 2,8 | 21,3 | 28,0 | **SK 43125 - 112 MP/4** | 148 | F50-51 |
| | 11 | 2655 | 0,9 | 130,49 | 8,9 | 2,8 | 23,2 | 28,0 | | | |
| | 13 | 2297 | 1,0 | 110,97 | 12,9 | 2,8 | 23,6 | 28,0 | | | |
| | 17 | 1906 | 0,9 | 86,22 | 16,0 | 2,8 | 24,7 | 28,0 | | | |
| | 21 | 1568 | 1,0 | 69,99 | 16,7 | 2,8 | 24,4 | 28,0 | | | |
| | 23 | 1412 | 1,1 | 62,50 | 16,6 | 2,8 | 24,5 | 28,0 | | | |
| | 7,9 | 3198 | 0,8 | 182,36 | 3,6 | 2,8 | 21,2 | 28,0 | **SK 42125 - 112 MP/4** | 132 | F48-49 |
| | 9,0 | 2873 | 0,9 | 160,74 | 7,5 | 2,8 | 22,8 | 28,0 | | | |
| | 10 | 2632 | 0,9 | 144,76 | 1,3 | 2,8 | 23,2 | 28,0 | | | |
| | 12 | 2207 | 1,0 | 117,50 | 14,8 | 2,8 | 23,7 | 28,0 | | | |
| | 14 | 1930 | 1,1 | 100,58 | 17,7 | 2,8 | 24,8 | 28,0 | | | |
| | 16 | 1850 | 1,3 | 87,30 | 17,7 | 2,8 | 24,2 | 28,0 | | | |
| | 19 | 1646 | 1,4 | 76,95 | 18,2 | 2,8 | 24,4 | 28,0 | | | |
| | 21 | 1496 | 1,5 | 69,30 | 17,8 | 2,8 | 24,5 | 28,0 | | | |
| | 26 | 1237 | 1,7 | 56,25 | 17,2 | 2,8 | 24,8 | 28,0 | | | |
| | 30 | 1070 | 1,8 | 48,15 | 16,8 | 2,8 | 24,8 | 28,0 | | | |
| | 35 | 922 | 2,0 | 40,95 | 16,2 | 2,8 | 24,9 | 28,0 | | | |
| | 41 | 823 | 1,9 | 35,33 | 15,3 | 2,8 | 25,0 | 28,0 | | | |
| | 45 | 745 | 2,5 | 31,82 | 15,0 | 2,8 | 25,0 | 28,0 | | | |
| | 56 | 611 | 2,8 | 25,83 | 14,3 | 2,5 | 25,5 | 28,0 | | | |
| | 65 | 526 | 3,1 | 22,11 | 13,8 | 19,9 | 25,9 | 28,0 | | | |
| | 77 | 451 | 3,3 | 18,80 | 13,3 | 19,3 | 25,1 | 28,0 | | | |
| | 91 | 387 | 3,2 | 15,92 | 12,3 | 16,5 | 25,1 | 27,4 | | | |
| | 111 | 316 | 3,9 | 12,93 | 11,7 | 16,0 | 25,1 | 26,3 | | | |
| | 130 | 272 | 4,6 | 11,06 | 11,3 | 15,6 | 24,8 | 25,5 | | | |
| | 153 | 232 | 4,9 | 9,41 | 1,9 | 14,8 | 23,8 | 24,6 | | | |
| | 20 | 1484 | 0,8 | 71,57 | 1,7 | 1,7 | 11,9 | 16,0 | **SK 32100 - 112 MP/4** | 92 | F44-45 |
| | 22 | 1350 | 0,9 | 64,55 | 3,7 | 2,0 | 13,3 | 16,0 | | | |
| | 29 | 1074 | 1,0 | 50,31 | 7,4 | 11,4 | 15,6 | 16,0 | | | |
| | 34 | 962 | 1,1 | 42,83 | 6,9 | 9,2 | 15,8 | 16,0 | | | |
| | 37 | 873 | 1,3 | 38,63 | 6,9 | 9,5 | 16,0 | 16,0 | | | |
| | 42 | 754 | 1,4 | 34,32 | 7,5 | 11,5 | 16,7 | 16,0 | | | |
| | 48 | 690 | 1,5 | 30,11 | 7,1 | 9,8 | 16,1 | 16,0 | | | |
| | 59 | 562 | 1,8 | 24,27 | 7,0 | 9,9 | 16,2 | 16,0 | | | |
| | 70 | 480 | 1,8 | 20,54 | 6,9 | 9,8 | 16,2 | 16,0 | | | |
| | 76 | 451 | 1,6 | 18,97 | 6,0 | 6,5 | 15,3 | 16,0 | | | |
| | 84 | 408 | 1,7 | 17,11 | 6,0 | 6,7 | 15,3 | 16,0 | | | |
| | 89 | 383 | 2,0 | 16,22 | 6,7 | 9,7 | 16,2 | 16,0 | | | |
| | 108 | 321 | 2,2 | 13,34 | 5,9 | 7,1 | 15,9 | 15,9 | | | |
| | 134 | 260 | 2,8 | 10,75 | 5,8 | 7,2 | 14,8 | 15,6 | | | |
| | 158 | 221 | 3,3 | 9,10 | 5,6 | 7,0 | 14,5 | 15,3 | | | |
| | 200 | 176 | 3,9 | 7,19 | 5,5 | 6,7 | 13,7 | 14,7 | | | |
| | 51 | 630 | 0,8 | 27,99 | 3,7 | 6,1 | 8,7 | 12,0 | **SK 12080 - 112 MP/4** | 66 | F40-41 |
| | 58 | 567 | 0,9 | 25,00 | 4,7 | 6,4 | 8,8 | 12,0 | | | |
| | 67 | 491 | 1,0 | 21,49 | 4,9 | 6,7 | 8,9 | 12,0 | | | |
| | 75 | 438 | 1,0 | 19,11 | 4,9 | 6,9 | 9,3 | 12,0 | | | |
| | 90 | 377 | 1,0 | 15,98 | 3,4 | 3,7 | 9,7 | 9,4 | | | |
| | 103 | 332 | 1,1 | 14,01 | 3,9 | 4,1 | 9,2 | 9,7 | | | |
| | 115 | 298 | 1,2 | 12,51 | 4,2 | 4,5 | 9,3 | 9,8 | | | |
| | 134 | 257 | 1,3 | 10,75 | 4,2 | 4,8 | 9,3 | 10,0 | | | |
| | 151 | 229 | 1,5 | 9,56 | 4,2 | 5,0 | 9,4 | 10,0 | | | |
| | 191 | 182 | 1,6 | 7,55 | 4,2 | 5,1 | 9,4 | 9,9 | | | |

# 5,50 kW
# 7,50 kW



DRIVESYSTEMS

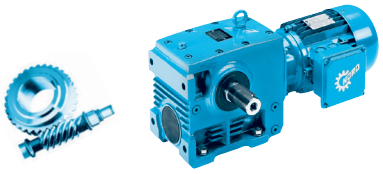
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **5,50** | 15 | 2614 | 0,8 | 100,58 | 1,5 | 2,8 | 23,2 | 28,0 | **SK 42125 - 132 SP/4** | 151 | F48-49 |
| | 17 | 2505 | 0,9 | 87,30 | 1,7 | 2,8 | 23,3 | 28,0 | | | |
| | 19 | 2229 | 1,0 | 76,95 | 13,7 | 2,8 | 23,8 | 28,0 | | | |
| | 21 | 2026 | 1,1 | 69,30 | 15,6 | 2,8 | 24,0 | 28,0 | | | |
| | 26 | 1674 | 1,2 | 56,25 | 15,4 | 2,8 | 24,3 | 28,0 | | | |
| | 30 | 1449 | 1,4 | 48,15 | 15,2 | 2,8 | 24,5 | 28,0 | | | |
| | 36 | 1248 | 1,5 | 40,95 | 14,9 | 2,8 | 24,7 | 28,0 | | | |
| | 41 | 1113 | 1,4 | 35,33 | 13,9 | 19,2 | 24,8 | 28,0 | | | |
| | 46 | 1007 | 1,8 | 31,82 | 13,7 | 19,9 | 24,8 | 28,0 | | | |
| | 57 | 826 | 2,1 | 25,83 | 13,3 | 18,7 | 25,0 | 28,0 | | | |
| | 66 | 711 | 2,3 | 22,11 | 12,9 | 18,4 | 26,0 | 28,0 | | | |
| | 78 | 610 | 2,5 | 18,80 | 12,6 | 17,9 | 25,5 | 28,0 | | | |
| | 92 | 523 | 2,4 | 15,92 | 11,5 | 14,6 | 25,7 | 25,5 | | | |
| | 100 | 477 | 2,8 | 14,57 | 12,0 | 17,1 | 25,2 | 27,6 | | | |
| | 113 | 428 | 2,9 | 12,93 | 11,5 | 14,5 | 25,3 | 24,8 | | | |
| | 133 | 367 | 3,4 | 11,06 | 1,8 | 14,1 | 24,1 | 24,2 | | | |
| | 156 | 314 | 3,6 | 9,41 | 1,3 | 13,5 | 23,2 | 23,5 | | | |
| | 174 | 282 | 4,0 | 8,43 | 1,9 | 13,0 | 22,6 | 23,3 | | | |
| | 189 | 260 | 3,9 | 7,76 | 9,9 | 12,7 | 22,9 | 22,6 | | | |
| | 201 | 245 | 3,8 | 7,29 | 9,8 | 12,4 | 21,8 | 22,3 | | | |
| | 34 | 1302 | 0,8 | 42,83 | 3,5 | 5,9 | 12,9 | 16,0 | **SK 32100 - 132 SP/4** | 111 | F44-45 |
| | 38 | 1182 | 0,9 | 38,63 | 5,2 | 6,4 | 14,2 | 16,0 | | | |
| | 43 | 1021 | 1,1 | 34,32 | 6,8 | 9,5 | 15,8 | 16,0 | | | |
| | 49 | 933 | 1,1 | 30,11 | 5,7 | 7,4 | 15,8 | 16,0 | | | |
| | 60 | 760 | 1,3 | 24,27 | 5,8 | 8,0 | 16,6 | 16,0 | | | |
| | 71 | 649 | 1,3 | 20,54 | 5,9 | 8,2 | 16,2 | 16,0 | | | |
| | 77 | 610 | 1,2 | 18,97 | 3,3 | 3,8 | 12,7 | 13,5 | | | |
| | 86 | 552 | 1,3 | 17,11 | 3,9 | 4,2 | 13,0 | 13,7 | | | |
| | 90 | 519 | 1,4 | 16,22 | 5,9 | 8,4 | 16,2 | 16,0 | | | |
| | 110 | 434 | 1,6 | 13,34 | 4,8 | 5,0 | 13,3 | 14,2 | | | |
| | 137 | 352 | 2,1 | 10,75 | 5,8 | 5,3 | 13,3 | 14,5 | | | |
| | 161 | 299 | 2,4 | 9,10 | 5,4 | 5,4 | 13,2 | 13,9 | | | |
| | 204 | 238 | 2,9 | 7,19 | 4,9 | 5,5 | 12,9 | 13,7 | | | |
| **7,50** | 21 | 2771 | 0,8 | 69,30 | 7,7 | 19,4 | 22,9 | 28,0 | **SK 42125 - 132 MP/4** | 158 | F48-49 |
| | 26 | 2290 | 0,9 | 56,25 | 13,0 | 19,9 | 23,6 | 28,0 | | | |
| | 30 | 1982 | 1,0 | 48,15 | 13,9 | 2,2 | 24,1 | 28,0 | | | |
| | 36 | 1707 | 1,1 | 40,95 | 13,9 | 20,0 | 24,3 | 28,0 | | | |
| | 41 | 1522 | 1,1 | 35,33 | 12,9 | 16,2 | 24,5 | 28,0 | | | |
| | 46 | 1378 | 1,3 | 31,82 | 12,9 | 16,2 | 24,6 | 28,0 | | | |
| | 57 | 1131 | 1,5 | 25,83 | 12,0 | 16,5 | 24,8 | 28,0 | | | |
| | 66 | 973 | 1,7 | 22,11 | 11,9 | 16,4 | 24,9 | 28,0 | | | |
| | 78 | 834 | 1,8 | 18,80 | 11,6 | 16,2 | 24,9 | 27,4 | | | |
| | 92 | 716 | 1,7 | 15,92 | 1,5 | 12,2 | 23,3 | 23,1 | | | |
| | 100 | 653 | 2,1 | 14,57 | 11,2 | 15,8 | 25,4 | 26,4 | | | |
| | 113 | 585 | 2,1 | 12,93 | 1,2 | 12,3 | 23,8 | 22,8 | | | |
| | 132 | 503 | 2,5 | 11,06 | 10,0 | 12,6 | 22,7 | 22,5 | | | |
| | 155 | 430 | 2,7 | 9,41 | 9,7 | 11,7 | 22,4 | 22,8 | | | |
| | 173 | 386 | 3,0 | 8,43 | 9,5 | 11,5 | 22,0 | 21,7 | | | |
| | 188 | 355 | 2,8 | 7,76 | 9,4 | 11,3 | 21,7 | 21,5 | | | |
| | 200 | 335 | 2,8 | 7,29 | 9,3 | 11,1 | 21,5 | 21,3 | | | |
| | 49 | 1277 | 0,8 | 30,11 | 3,9 | 4,3 | 13,3 | 14,9 | **SK 32100 - 132 MP/4** | 118 | F44-45 |
| | 60 | 1040 | 1,0 | 24,27 | 4,4 | 5,4 | 14,7 | 15,5 | | | |
| | 71 | 888 | 0,9 | 20,54 | 4,7 | 6,4 | 14,9 | 15,7 | | | |
| | 77 | 835 | 0,9 | 18,97 | - | - | 9,3 | 9,9 | | | |
| | 85 | 756 | 0,9 | 17,11 | 0,3 | 0,4 | 9,9 | 1,5 | | | |
| | 90 | 710 | 1,1 | 16,22 | 5,0 | 6,6 | 14,9 | 15,8 | | | |
| | 110 | 594 | 1,2 | 13,34 | 2,0 | 2,0 | 1,9 | 11,5 | | | |
| | 136 | 482 | 1,5 | 10,75 | 3,7 | 2,9 | 11,4 | 12,9 | | | |
| | 161 | 410 | 1,8 | 9,10 | 3,6 | 3,5 | 11,6 | 12,2 | | | |
| | 203 | 326 | 2,1 | 7,19 | 4,3 | 4,0 | 11,6 | 12,3 | | | |



# 9,20 kW
# 11,0 kW
# 15,0 kW

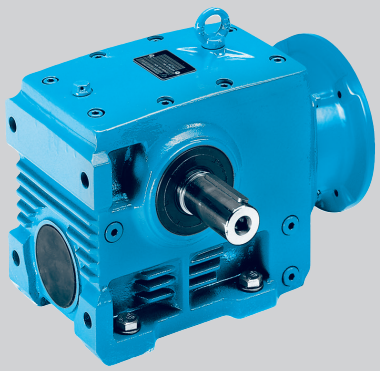
| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **9,20** | 31 | 2415 | 0,8 | 48,15 | 11,3 | 17,5 | 23,5 | 28,0 | **SK 42125 - 160 SP/4** | 189 | F48-49 |
| | 36 | 2080 | 0,9 | 40,95 | 11,6 | 17,8 | 23,9 | 28,0 | | | |
| | 46 | 1680 | 1,1 | 31,82 | 1,7 | 13,8 | 24,4 | 26,5 | | | |
| | 57 | 1378 | 1,2 | 25,83 | 1,8 | 14,4 | 24,6 | 26,5 | | | |
| | 67 | 1186 | 1,4 | 22,11 | 1,8 | 14,7 | 24,7 | 26,3 | | | |
| | 78 | 1016 | 1,5 | 18,80 | 1,8 | 14,8 | 24,8 | 26,0 | | | |
| | 92 | 872 | 1,4 | 15,92 | 9,5 | 1,1 | 21,3 | 22,0 | | | |
| | 101 | 795 | 1,7 | 14,57 | 1,5 | 14,7 | 25,0 | 25,2 | | | |
| | 114 | 713 | 1,7 | 12,93 | 9,4 | 1,3 | 21,4 | 21,2 | | | |
| | 133 | 612 | 2,0 | 11,06 | 9,3 | 1,3 | 21,3 | 22,0 | | | |
| | 156 | 524 | 2,2 | 9,41 | 9,2 | 1,3 | 21,8 | 2,9 | | | |
| | 174 | 471 | 2,4 | 8,43 | 9,4 | 1,2 | 2,9 | 2,7 | | | |
| | 190 | 433 | 2,3 | 7,76 | 8,9 | 1,2 | 2,7 | 2,5 | | | |
| | 201 | 408 | 2,3 | 7,29 | 8,8 | 1,4 | 2,5 | 2,4 | | | |
| **11,0** | 46 | 2015 | 0,9 | 31,82 | 9,3 | 11,2 | 23,9 | 24,2 | **SK 42125 - 160 MP/4** | 189 | F48-49 |
| | 57 | 1653 | 1,0 | 25,83 | 9,7 | 12,3 | 24,3 | 24,5 | | | |
| | 66 | 1423 | 1,1 | 22,11 | 9,8 | 12,9 | 24,5 | 24,6 | | | |
| | 78 | 1219 | 1,2 | 18,80 | 9,9 | 13,2 | 24,7 | 24,5 | | | |
| | 92 | 1046 | 1,2 | 15,92 | 7,3 | 7,3 | 19,1 | 19,0 | | | |
| | 100 | 954 | 1,4 | 14,57 | 9,8 | 13,4 | 24,4 | 24,6 | | | |
| | 113 | 856 | 1,4 | 12,93 | 8,4 | 8,2 | 19,7 | 19,5 | | | |
| | 133 | 735 | 1,7 | 11,06 | 8,7 | 8,6 | 19,9 | 19,7 | | | |
| | 156 | 628 | 1,8 | 9,41 | 8,6 | 8,8 | 19,8 | 19,6 | | | |
| | 174 | 565 | 2,0 | 8,43 | 8,5 | 8,9 | 19,7 | 19,5 | | | |
| | 189 | 519 | 1,9 | 7,76 | 8,4 | 8,9 | 19,6 | 19,4 | | | |
| | 201 | 490 | 1,9 | 7,29 | 8,4 | 8,9 | 19,5 | 19,3 | | | |
| **15,0** | 66 | 1940 | 0,8 | 22,11 | 7,5 | 8,6 | 2,9 | 2,7 | **SK 42125 - 160 LP/4** | 218 | F48-49 |
| | 78 | 1663 | 0,9 | 18,80 | 7,9 | 9,3 | 21,4 | 21,1 | | | |
| | 92 | 1427 | 0,9 | 15,92 | 1,7 | 1,7 | 14,3 | 14,2 | | | |
| | 100 | 1301 | 1,0 | 14,57 | 8,3 | 2,0 | 21,7 | 21,5 | | | |
| | 113 | 1167 | 1,1 | 12,93 | 3,9 | 3,7 | 15,7 | 15,6 | | | |
| | 133 | 1002 | 1,2 | 11,06 | 5,1 | 4,8 | 16,5 | 16,3 | | | |
| | 156 | 857 | 1,3 | 9,41 | 6,4 | 5,6 | 17,0 | 16,8 | | | |
| | 174 | 770 | 1,5 | 8,43 | 6,6 | 6,6 | 17,2 | 17,0 | | | |
| | 189 | 708 | 1,4 | 7,76 | 7,5 | 6,3 | 17,3 | 17,9 | | | |
| | 201 | 668 | 1,4 | 7,29 | 7,3 | 6,5 | 17,3 | 17,1 | | | |

# 18,5 kW
# 22,0 kW

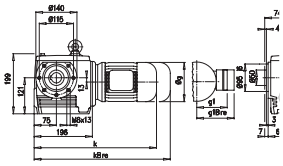


| $P_1$ [kW] | $n_2$ [min$^{-1}$] | $M_2$ [Nm] | $f_B$ | $i_{ges}$ | $F_R$ [kN] | $F_A$ [kN] | $F_{R\,VL}$ [kN] | $F_{A\,VL}$ [kN] | Type | kg | mm |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **18,5** | 101 | 1588 | 0,8 | 14,57 | 7,0 | 7,4 | 19,4 | 19,3 | **SK 42125 - 180 MP/4** | 251 | F48-49 |
| | 115 | 1425 | 0,9 | 12,93 | 0,6 | 0,5 | 12,4 | 12,3 | | | |
| | 134 | 1223 | 1,0 | 11,06 | 1,8 | 1,7 | 13,7 | 13,5 | | | |
| | 157 | 1046 | 1,1 | 9,41 | 3,3 | 3,0 | 14,6 | 14,4 | | | |
| | 175 | 940 | 1,2 | 8,43 | 4,3 | 3,7 | 15,0 | 14,8 | | | |
| | 191 | 865 | 1,2 | 7,76 | 4,5 | 4,2 | 15,2 | 15,9 | | | |
| | 203 | 816 | 1,2 | 7,29 | 4,9 | 4,5 | 15,4 | 15,2 | | | |
| **22,0** | 134 | 1460 | 0,8 | 11,06 | - | - | 1,7 | 1,6 | **SK 42125 - 180 LP/4** | 251 | F48-49 |
| | 157 | 1248 | 0,9 | 9,41 | 0,3 | 0,4 | 12,1 | 11,9 | | | |
| | 175 | 1122 | 1,0 | 8,43 | 1,5 | 1,3 | 12,7 | 12,6 | | | |
| | 190 | 1032 | 1,0 | 7,76 | 2,2 | 2,0 | 13,2 | 13,6 | | | |
| | 202 | 974 | 1,0 | 7,29 | 2,6 | 2,4 | 13,5 | 13,3 | | | |

# Helical-Worm Gear Units



| | $i_{ges}$ | i1 | z2/z1 | $n_2$ [$min^{-1}$] | $M_{2m}$ $f_B$= n1 = [Nm |
|---|---|---|---|---|---|
| SK 02040 | **304,20** | 7,80 | 39/1 | 4,6 | 10 |
| | **237,90** | 6,10 | 39/1 | 5,9 | 10 |
| | **128,70** | 7,80 | 33/2 | 11 | 10 |
| W | 115,05 | 2,95 | 39/1 | 12 | 9 |
| | 100,65 | 6,10 | 33/2 | 14 | 10 |
| + | 99,45 | 2,55 | 39/1 | 14 | 9 |
| | 86,97 | 2,23 | 39/1 | 16 | 8 |
| IEC | 76,44 | 1,96 | 39/1 | 18 | 8 |
| | 67,47 | 1,73 | 39/1 | 21 | 8 |
| | **59,83** | 7,80 | 23/3 | 23 | 10 |



# SK 13050
# SK 02050

DRIVESYSTEMS

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | IEC $f_B$ ⇨ E4 - E20 63 | IEC 71 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | | | | | $n_1$ = 930 min$^{-1}$ | | | | | IEC | |
| **SK 13050** | **3019,29** | 59,20 | 51/1 | 0,46 | 195 | 0,02 | | 47 | 0,31 | 199 | 0,01 | | 46 | * | * |
| | **2249,06** | 44,10 | 51/1 | 0,62 | 195 | 0,03 | | 47 | 0,41 | 201 | 0,02 | | 46 | * | * |
| **W** | **1970,21** | 38,63 | 51/1 | 0,71 | 195 | 0,03 | | 47 | 0,47 | 202 | 0,02 | | 47 | * | * |
| **+** | **1746,09** | 34,24 | 51/1 | 0,80 | 195 | 0,03 | | 47 | 0,53 | 203 | 0,02 | | 47 | * | * |
| **IEC** | **1332,04** | 59,20 | 45/2 | 1,1 | 195 | 0,03 | | 65 | 0,70 | 199 | 0,02 | | 65 | * | * |
| | **992,23** | 44,10 | 45/2 | 1,4 | 195 | 0,04 | | 66 | 0,94 | 201 | 0,03 | | 65 | * | * |
| mm | **869,21** | 38,63 | 45/2 | 1,6 | 195 | 0,05 | | 66 | 1,1 | 202 | 0,04 | | 65 | * | * |
| | **755,77** | 14,82 | 51/1 | 1,9 | 195 | 0,08 | | 48 | 1,2 | 203 | 0,05 | | 47 | * | * |
| ⇨ E52 | **664,56** | 13,03 | 51/1 | 2,1 | 195 | 0,09 | | 48 | 1,4 | 203 | 0,06 | | 47 | * | * |
| | **586,37** | 11,50 | 51/1 | 2,4 | 195 | 0,10 | | 48 | 1,6 | 203 | 0,07 | | 48 | * | * |
| | **474,31** | 9,30 | 51/1 | 3,0 | 195 | 0,13 | | 49 | 2,0 | 202 | 0,09 | | 48 | * | * |
| | **411,76** | 8,07 | 51/1 | 3,4 | 195 | 0,14 | | 49 | 2,3 | 203 | 0,10 | | 48 | * | * |
| | **333,43** | 14,82 | 45/2 | 4,2 | 195 | 0,13 | | 67 | 2,8 | 203 | 0,09 | | 66 | * | * |
| | **293,19** | 13,03 | 45/2 | 4,8 | 195 | 0,15 | | 67 | 3,2 | 203 | 0,10 | | 66 | * | * |
| | **209,25** | 9,30 | 45/2 | 6,7 | 195 | 0,20 | | 68 | 4,4 | 202 | 0,14 | | 67 | | * |
| | **181,66** | 8,07 | 45/2 | 7,7 | 195 | 0,23 | | 68 | 5,1 | 203 | 0,16 | | 67 | | * |
| | **158,12** | 14,82 | 32/3 | 8,9 | 195 | 0,23 | | 78 | 5,9 | 203 | 0,16 | | 77 | | * |
| | **139,04** | 13,03 | 32/3 | 10 | 195 | 0,26 | | 78 | 6,7 | 203 | 0,18 | | 77 | | * |
| | **122,68** | 11,50 | 32/3 | 11 | 195 | 0,29 | | 78 | 7,6 | 203 | 0,21 | | 77 | | * |
| | **99,23** | 9,30 | 32/3 | 14 | 190 | 0,36 | | 79 | 9,4 | 197 | 0,25 | | 78 | | * |
| | **86,15** | 8,07 | 32/3 | 16 | 180 | 0,37 | | 79 | 11 | 187 | 0,24 | | 78 | | |
| | **76,61** | 14,82 | 31/6 | 18 | 140 | 0,32 | | 83 | 12 | 141 | 0,21 | | 83 | | * |
| | **67,37** | 13,03 | 31/6 | 21 | 130 | 0,34 | | 84 | 14 | 136 | *0,24* | | 83 | | * |
| | **59,44** | 11,50 | 31/6 | 24 | 130 | *0,37* | | 84 | 16 | 135 | *0,24* | | 83 | | |
| | **48,08** | 9,30 | 31/6 | 29 | 110 | *0,37* | | 84 | 19 | 114 | *0,24* | | 83 | | |
| | **41,74** | 8,07 | 31/6 | 34 | 110 | *0,37* | | 84 | 22 | 110 | *0,24* | | 84 | | |

| | | | | | | | | | | | | | | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 02050** | **524,79** | 10,29 | 51/1 | 2,7 | 185 | 0,11 | | 49 | 1,8 | 192 | 0,08 | | 48 | * | * | | |
| | **440,13** | 8,63 | 51/1 | 3,2 | 185 | 0,13 | | 49 | 2,1 | 192 | 0,09 | | 48 | * | * | | |
| **W** | **385,56** | 7,56 | 51/1 | 3,6 | 185 | 0,14 | | 50 | 2,4 | 193 | 0,10 | | 48 | * | * | | |
| **+** | **341,70** | 6,70 | 51/1 | 4,1 | 185 | 0,16 | | 50 | 2,7 | 195 | 0,11 | | 49 | | * | * | |
| **IEC** | **231,41** | 10,29 | 45/2 | 6,0 | 185 | 0,17 | | 67 | 4,0 | 192 | 0,12 | | 67 | * | * | | |
| | **194,18** | 8,63 | 45/2 | 7,2 | 185 | 0,21 | | 68 | 4,8 | 192 | 0,14 | | 67 | | * | | |
| mm | **170,10** | 7,56 | 45/2 | 8,2 | 185 | 0,23 | | 68 | 5,5 | 193 | 0,17 | | 67 | | * | | |
| | 147,90 | 2,90 | 51/1 | 9,5 | 175 | 0,32 | | 54 | 6,3 | 188 | 0,24 | | 52 | | * | * | * |
| ⇨ E52 | 130,05 | 2,55 | 51/1 | 11 | 168 | 0,35 | | 55 | 7,2 | 181 | 0,26 | | 52 | | * | * | * |
| | 114,75 | 2,25 | 51/1 | 12 | 168 | 0,38 | | 56 | 8,1 | 182 | 0,29 | | 53 | | | * | * |
| | 92,82 | 1,82 | 51/1 | 15 | 168 | 0,46 | | 57 | 10 | 185 | 0,36 | | 54 | | | * | * |
| | 80,58 | 1,58 | 51/1 | 17 | 168 | 0,52 | | 58 | 12 | 187 | 0,43 | | 55 | | | * | * |
| | 65,25 | 2,90 | 45/2 | 21 | 168 | 0,51 | | 72 | 14 | 180 | 0,38 | | 70 | | | * | * |
| | 57,38 | 2,55 | 45/2 | 24 | 168 | 0,59 | | 72 | 16 | 181 | 0,43 | | 70 | | | * | * |
| | 50,63 | 2,25 | 45/2 | 28 | 155 | 0,62 | | 73 | 18 | 168 | 0,45 | | 71 | | | * | * |
| | 40,95 | 1,82 | 45/2 | 34 | 155 | 0,75 | | 74 | 23 | 171 | 0,57 | | 72 | | | | * |
| | 35,55 | 1,58 | 45/2 | 39 | 155 | 0,84 | | 75 | 26 | 172 | 0,65 | | 72 | | | | * |
| | 30,94 | 2,90 | 32/3 | 45 | 155 | 0,90 | | 81 | 30 | 166 | 0,65 | | 80 | | | | * |
| | 27,21 | 2,55 | 32/3 | 51 | 155 | 1,01 | | 82 | 34 | 167 | 0,74 | | 80 | | | | * |
| | 24,01 | 2,25 | 32/3 | 58 | 155 | 1,15 | | 82 | 39 | 168 | 0,85 | | 81 | | | | * |
| | 19,42 | 1,82 | 32/3 | 72 | 145 | 1,32 | | 83 | 48 | 160 | 0,98 | | 82 | | | | * |
| | 16,86 | 1,58 | 32/3 | 83 | 120 | 1,26 | | 83 | 55 | 133 | 0,93 | | 82 | | | | * |
| | 14,72 | 1,38 | 32/3 | 95 | 113 | 1,34 | | 84 | 63 | 127 | 1,02 | | 82 | | | | * |
| | 13,18 | 2,55 | 31/6 | 106 | 120 | *1,50* | | 87 | 71 | 129 | *0,99* | | 86 | | | | |
| | 11,63 | 2,25 | 31/6 | 120 | 113 | *1,50* | | 87 | 80 | 123 | *0,99* | | 86 | | | | |
| | 9,41 | 1,82 | 31/6 | 149 | 110 | *1,50* | | 88 | 99 | 121 | *0,99* | | 87 | | | | |
| | 8,17 | 1,58 | 31/6 | 171 | 110 | *1,50* | | 88 | 114 | 122 | *0,99* | | 87 | | | | |
| | 7,13 | 1,38 | 31/6 | 196 | 105 | *1,50* | | 88 | 130 | 118 | *0,99* | | 87 | | | | |

* ⇨ A63

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 13050** | 25 | 26 | 27 | - | - |
| **SK 02050** | 20 | 21 | 22 | 25 | 25 |

# SK 13050
# SK 02050

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ | W $M_{2max}$ | W $P_{1max}$ | W η | W $n_2$ | W $M_{2max}$ | W $P_{1max}$ | W η | W $n_2$ | W $M_{2max}$ | W $P_{1max}$ | W η | IEC $f_B$ ⇨ E4 - E20 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $f_B = 1$ | $f_B = 1$ | $f_B \geq 1$ | $f_B \geq 1$ | $f_B = 1$ | $f_B = 1$ | $f_B \geq 1$ | $f_B \geq 1$ | $f_B = 1$ | $f_B = 1$ | $f_B \geq 1$ | $f_B \geq 1$ | | | | | | |
| | | | | $n_1$ = 700 min$^{-1}$ | | | | $n_1$ = 450 min$^{-1}$ | | | | $n_1$ = 250 min$^{-1}$ | | | | IEC | | | | | |
| | | | | [min$^{-1}$] | [Nm] | [kW] | [%] | [min$^{-1}$] | [Nm] | [kW] | [%] | [min$^{-1}$] | [Nm] | [kW] | [%] | 63 | 71 | | | | |
| **SK 13050** | **3019,29** | 59,20 | 51/1 | 0,23 | 202 | 0,01 | 46 | 0,15 | 215 | 0,01 | 46 | 0,08 | 232 | 0 | 46 | * | * | | | | |
| | **2249,06** | 44,10 | 51/1 | 0,31 | 204 | 0,01 | 46 | 0,20 | 207 | 0,01 | 46 | 0,11 | 230 | 0,01 | 46 | * | * | | | | |
| **W** | **1970,21** | 38,63 | 51/1 | 0,36 | 205 | 0,02 | 46 | 0,23 | 209 | 0,01 | 46 | 0,13 | 229 | 0,01 | 46 | * | * | | | | |
| **+** | **1746,09** | 34,24 | 51/1 | 0,40 | 207 | 0,02 | 46 | 0,26 | 211 | 0,01 | 46 | 0,14 | 227 | 0,01 | 46 | * | * | | | | |
| **IEC** | **1332,04** | 59,20 | 45/2 | 0,53 | 202 | 0,02 | 65 | 0,34 | 215 | 0,01 | 65 | 0,19 | 232 | 0,01 | 65 | * | * | | | | |
| | **992,23** | 44,10 | 45/2 | 0,71 | 204 | 0,02 | 65 | 0,45 | 207 | 0,02 | 65 | 0,25 | 230 | 0,01 | 65 | * | * | | | | |
| mm | **869,21** | 38,63 | 45/2 | 0,81 | 205 | 0,03 | 65 | 0,52 | 209 | 0,02 | 65 | 0,29 | 229 | 0,01 | 65 | * | * | | | | |
| | **755,77** | 14,82 | 51/1 | 0,93 | 208 | 0,04 | 47 | 0,60 | 219 | 0,03 | 47 | 0,33 | 227 | 0,02 | 46 | * | * | | | | |
| ⇨ E52 | **664,56** | 13,03 | 51/1 | 1,1 | 208 | 0,05 | 47 | 0,68 | 219 | 0,03 | 47 | 0,38 | 229 | 0,02 | 46 | * | * | | | | |
| | **586,37** | 11,50 | 51/1 | 1,2 | 208 | 0,06 | 47 | 0,77 | 218 | 0,04 | 47 | 0,43 | 229 | 0,02 | 46 | * | * | | | | |
| | **474,31** | 9,30 | 51/1 | 1,5 | 209 | 0,07 | 48 | 0,95 | 216 | 0,05 | 47 | 0,53 | 231 | 0,03 | 47 | * | * | | | | |
| | **411,76** | 8,07 | 51/1 | 1,7 | 209 | 0,08 | 48 | 1,1 | 217 | 0,05 | 47 | 0,61 | 232 | 0,03 | 47 | | * | | | | |
| | **333,43** | 14,82 | 45/2 | 2,1 | 208 | 0,07 | 66 | 1,3 | 219 | 0,05 | 65 | 0,75 | 227 | 0,03 | 65 | * | * | | | | |
| | **293,19** | 13,03 | 45/2 | 2,4 | 208 | 0,08 | 66 | 1,5 | 219 | 0,05 | 66 | 0,85 | 229 | 0,03 | 65 | * | * | | | | |
| | **209,25** | 9,30 | 45/2 | 3,3 | 209 | 0,11 | 66 | 2,2 | 216 | 0,08 | 66 | 1,2 | 231 | 0,04 | 65 | * | * | | | | |
| | **181,66** | 8,07 | 45/2 | 3,9 | 209 | 0,13 | 66 | 2,5 | 217 | 0,09 | 66 | 1,4 | 232 | 0,05 | 66 | | * | | | | |
| | **158,12** | 14,82 | 32/3 | 4,4 | 208 | 0,12 | 77 | 2,8 | 219 | 0,08 | 77 | 1,6 | 227 | 0,05 | 77 | | * | | | | |
| | **139,04** | 13,03 | 32/3 | 5,0 | 208 | 0,14 | 77 | 3,2 | 219 | 0,10 | 77 | 1,8 | 229 | 0,06 | 77 | | * | | | | |
| | **122,68** | 11,50 | 32/3 | 5,7 | 208 | 0,16 | 77 | 3,7 | 218 | 0,11 | 77 | 2,0 | 229 | 0,06 | 77 | | * | | | | |
| | **99,23** | 9,30 | 32/3 | 7,1 | 203 | 0,20 | 77 | 4,5 | 211 | 0,13 | 77 | 2,5 | 225 | 0,08 | 77 | | * | | | | |
| | **86,15** | 8,07 | 32/3 | 8,1 | 193 | 0,19 | 78 | 5,2 | 199 | 0,12 | 77 | 2,9 | 199 | 0,07 | 77 | | * | | | | |
| | **76,61** | 14,82 | 31/6 | 9,1 | 141 | 0,16 | 83 | 5,9 | 141 | 0,10 | 83 | 3,3 | 139 | 0,06 | 82 | | * | | | | |
| | **67,37** | 13,03 | 31/6 | 10 | 139 | 0,18 | 83 | 6,7 | 139 | *0,12* | 83 | 3,7 | 138 | *0,07* | 82 | | * | | | | |
| | **59,44** | 11,50 | 31/6 | 12 | 138 | *0,19* | 83 | 7,6 | 138 | *0,12* | 83 | 4,2 | 137 | *0,07* | 82 | | * | | | | |
| | **48,08** | 9,30 | 31/6 | 15 | 118 | *0,19* | 83 | 9,4 | 120 | *0,12* | 83 | 5,2 | 120 | *0,07* | 83 | | * | | | | |
| | **41,74** | 8,07 | 31/6 | 17 | 109 | *0,19* | 83 | 11 | 109 | *0,12* | 83 | 6,0 | 109 | *0,07* | 83 | | * | | | | |

| | | | | | | | | | | | | | | | | IEC | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | 63 | 71 | 80 | 90 | | |
| **SK 02050** | **524,79** | 10,29 | 51/1 | 1,3 | 198 | 0,06 | 47 | 0,86 | 206 | 0,04 | 47 | 0,48 | 218 | 0,02 | 47 | * | * | | | | |
| | **440,13** | 8,63 | 51/1 | 1,6 | 198 | 0,07 | 48 | 1,0 | 205 | 0,05 | 47 | 0,57 | 219 | 0,03 | 47 | * | * | | | | |
| **W** | **385,56** | 7,56 | 51/1 | 1,8 | 198 | 0,08 | 48 | 1,2 | 207 | 0,06 | 47 | 0,65 | 220 | 0,03 | 47 | * | * | | | | |
| **+** | **341,70** | 6,70 | 51/1 | 2,0 | 199 | 0,09 | 48 | 1,3 | 208 | 0,06 | 47 | 0,73 | 221 | 0,04 | 47 | | * | * | | | |
| **IEC** | **231,41** | 10,29 | 45/2 | 3,0 | 198 | 0,09 | 66 | 1,9 | 206 | 0,06 | 66 | 1,1 | 211 | 0,04 | 65 | | * | | | | |
| | **194,18** | 8,63 | 45/2 | 3,6 | 198 | 0,11 | 66 | 2,3 | 205 | 0,07 | 66 | 1,3 | 219 | 0,05 | 65 | | * | | | | |
| mm | **170,10** | 7,56 | 45/2 | 4,1 | 198 | 0,13 | 67 | 2,6 | 207 | 0,09 | 66 | 1,5 | 220 | 0,05 | 66 | | * | | | | |
| | 147,90 | 2,90 | 51/1 | 4,7 | 194 | 0,19 | 51 | 3,0 | 207 | 0,13 | 49 | 1,7 | 219 | 0,08 | 48 | | * | * | * | | |
| ⇨ E52 | 130,05 | 2,55 | 51/1 | 5,4 | 188 | 0,21 | 51 | 3,5 | 201 | 0,15 | 49 | 1,9 | 212 | 0,09 | 48 | | * | * | * | | |
| | 114,75 | 2,25 | 51/1 | 6,1 | 190 | 0,23 | 52 | 3,9 | 203 | 0,17 | 50 | 2,2 | 216 | 0,10 | 48 | | * | * | * | | |
| | 92,82 | 1,82 | 51/1 | 7,5 | 195 | 0,29 | 53 | 4,8 | 207 | 0,20 | 51 | 2,7 | 224 | 0,13 | 49 | | | * | * | | |
| | 80,58 | 1,58 | 51/1 | 8,7 | 198 | 0,34 | 53 | 5,6 | 211 | 0,24 | 51 | 3,1 | 229 | 0,15 | 49 | | | * | * | | |
| | 65,25 | 2,90 | 45/2 | 11 | 186 | 0,31 | 69 | 6,9 | 199 | 0,21 | 68 | 3,8 | 210 | 0,13 | 66 | | | * | * | | |
| | 57,38 | 2,55 | 45/2 | 12 | 188 | 0,34 | 69 | 7,8 | 201 | 0,24 | 68 | 4,4 | 212 | 0,15 | 67 | | | * | * | | |
| | 50,63 | 2,25 | 45/2 | 14 | 176 | 0,37 | 70 | 8,9 | 187 | 0,26 | 68 | 4,9 | 199 | 0,15 | 67 | | | * | * | | |
| | 40,95 | 1,82 | 45/2 | 17 | 180 | 0,45 | 71 | 11 | 191 | 0,32 | 69 | 6,1 | 206 | 0,20 | 67 | | | * | * | | |
| | 35,55 | 1,58 | 45/2 | 20 | 183 | 0,54 | 71 | 13 | 195 | 0,38 | 69 | 7,0 | 211 | 0,23 | 68 | | | * | * | | |
| | 30,94 | 2,90 | 32/3 | 23 | 172 | 0,52 | 79 | 15 | 183 | 0,37 | 78 | 8,1 | 194 | 0,21 | 78 | | | * | * | | |
| | 27,21 | 2,55 | 32/3 | 26 | 174 | 0,59 | 80 | 17 | 185 | 0,42 | 79 | 9,2 | 196 | 0,24 | 78 | | | | * | | |
| | 24,01 | 2,25 | 32/3 | 29 | 176 | 0,67 | 80 | 19 | 187 | 0,47 | 79 | 10 | 199 | 0,27 | 78 | | | | * | | |
| | 19,42 | 1,82 | 32/3 | 36 | 168 | 0,78 | 81 | 23 | 178 | 0,54 | 79 | 13 | 193 | 0,34 | 78 | | | | * | | |
| | 16,86 | 1,58 | 32/3 | 42 | 141 | 0,77 | 81 | 27 | 151 | 0,53 | 80 | 15 | 164 | 0,33 | 78 | | | | * | | |
| | 14,72 | 1,38 | 32/3 | 48 | 135 | 0,84 | 81 | 31 | 146 | 0,59 | 80 | 17 | 158 | 0,36 | 79 | | | | * | | |
| | 13,18 | 2,55 | 31/6 | 53 | 134 | *0,75* | 85 | 34 | 141 | *0,50* | 84 | 19 | 139 | *0,27* | 83 | | | | * | | |
| | 11,63 | 2,25 | 31/6 | 60 | 128 | *0,75* | 85 | 39 | 136 | *0,50* | 85 | 21 | 140 | *0,27* | 84 | | | | * | | |
| | 9,41 | 1,82 | 31/6 | 74 | 128 | *0,75* | 86 | 48 | 135 | *0,50* | 85 | 27 | 137 | *0,27* | 84 | | | | * | | |
| | 8,17 | 1,58 | 31/6 | 86 | 130 | *0,75* | 86 | 55 | 137 | *0,50* | 85 | 31 | 135 | *0,27* | 84 | | | | | | |
| | 7,13 | 1,38 | 31/6 | 98 | 126 | *0,75* | 87 | 63 | 136 | *0,50* | 86 | 35 | 133 | *0,27* | 84 | | | | | | |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 |
|---|---|---|---|---|---|
| **SK 13050** | 25 | 26 | 27 | - | - |
| **SK 02050** | 20 | 21 | 22 | 25 | 25 |

# SK 13063
# SK 12063

NORD DRIVESYSTEMS

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | IEC $f_B$ ⇨ E4 - E20 63 | IEC 71 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | | | | | $n_1$ = 930 min$^{-1}$ | | | | | | |
| **SK 13063** W + IEC ⇨ E52 | **#3631,55** | 71,21 | 51/1 | 0,39 | 380 | 0,03 | | 45 | 0,26 | 387 | 0,02 | | 45 | * | * |
| | **#2705,13** | 53,04 | 51/1 | 0,52 | 380 | 0,04 | | 46 | 0,34 | 390 | 0,03 | | 45 | * | * |
| | **#2374,16** | 46,55 | 51/1 | 0,59 | 380 | 0,05 | | 46 | 0,39 | 391 | 0,04 | | 45 | * | * |
| | **#2110,94** | 41,39 | 51/1 | 0,66 | 380 | 0,06 | | 46 | 0,44 | 393 | 0,04 | | 45 | * | * |
| | **#1343,63** | 62,49 | 43/2 | 1,0 | 380 | 0,06 | | 64 | 0,69 | 388 | 0,04 | | 64 | * | * |
| | **#1140,40** | 53,04 | 43/2 | 1,2 | 380 | 0,07 | | 64 | 0,82 | 390 | 0,05 | | 64 | * | * |
| | **938,20** | 18,40 | 51/1 | 1,5 | 380 | 0,13 | | 47 | 0,99 | 392 | 0,09 | | 46 | * | * |
| | **737,53** | 14,46 | 51/1 | 1,9 | 380 | 0,16 | | 48 | 1,3 | 396 | 0,11 | | 47 | * | * |
| | **604,62** | 11,86 | 51/1 | 2,3 | 380 | 0,19 | | 48 | 1,5 | 396 | 0,13 | | 47 | | * |
| | **531,64** | 10,42 | 51/1 | 2,6 | 380 | 0,21 | | 49 | 1,7 | 395 | 0,15 | | 47 | | * |
| | **471,70** | 9,25 | 51/1 | 3,0 | 380 | 0,24 | | 49 | 2,0 | 394 | 0,17 | | 48 | | * |
| | **395,51** | 18,40 | 43/2 | 3,5 | 380 | 0,21 | | 66 | 2,4 | 392 | 0,15 | | 65 | | * |
| | **349,37** | 16,25 | 43/2 | 4,0 | 380 | 0,24 | | 66 | 2,7 | 394 | 0,17 | | 65 | | * |
| | **310,92** | 14,46 | 43/2 | 4,5 | 380 | 0,27 | | 66 | 3,0 | 396 | 0,19 | | 66 | | * |
| | **254,89** | 11,86 | 43/2 | 5,5 | 370 | 0,32 | | 67 | 3,6 | 385 | 0,22 | | 66 | | * |
| | **224,12** | 10,42 | 43/2 | 6,2 | 370 | 0,36 | | 67 | 4,1 | 384 | 0,25 | | 66 | | * |
| | **198,86** | 9,25 | 43/2 | 7,0 | 360 | *0,37* | | 68 | 4,7 | 373 | 0,24 | | 66 | | |
| | **178,31** | 14,46 | 37/3 | 7,9 | 340 | *0,37* | | 76 | 5,2 | 354 | 0,26 | | 75 | | |
| | **146,17** | 11,86 | 37/3 | 9,6 | 330 | *0,37* | | 77 | 6,4 | 333 | *0,24* | | 76 | | |
| | **128,53** | 10,42 | 37/3 | 11 | 300 | *0,37* | | 77 | 7,2 | 296 | *0,24* | | 76 | | |
| | **114,04** | 9,25 | 37/3 | 12 | 260 | *0,37* | | 77 | 8,2 | 260 | *0,24* | | 76 | | |
| | **97,03** | 7,87 | 37/3 | 14 | 230 | *0,37* | | 78 | 9,6 | 227 | *0,24* | | 77 | | |
| | **79,54** | 14,46 | 33/6 | 18 | 200 | *0,37* | | 84 | 12 | 198 | *0,24* | | 83 | | |
| | **65,20** | 11,86 | 33/6 | 21 | 170 | *0,37* | | 84 | 14 | 168 | *0,24* | | 83 | | |

| | | | | | | | | | | | | | | IEC 63 | 71 | 80 | 90 | 100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 12063** W + IEC ⇨ E52 | **#626,79** | 12,29 | 51/1 | 2,2 | 360 | 0,17 | | 48 | 1,5 | 375 | 0,13 | | 47 | * | * | | | |
| | **#529,38** | 10,38 | 51/1 | 2,6 | 360 | 0,20 | | 49 | 1,8 | 374 | 0,15 | | 47 | | * | | | |
| | **#464,61** | 9,11 | 51/1 | 3,0 | 360 | 0,23 | | 49 | 2,0 | 373 | 0,16 | | 48 | | * | | | |
| | **#413,10** | 8,10 | 51/1 | 3,4 | 360 | 0,26 | | 50 | 2,3 | 375 | 0,19 | | 48 | | * | * | | |
| | **#264,24** | 12,29 | 43/2 | 5,3 | 350 | 0,29 | | 67 | 3,5 | 349 | 0,19 | | 66 | | * | | | |
| | **#223,17** | 10,38 | 43/2 | 6,3 | 360 | 0,35 | | 67 | 4,2 | 374 | 0,25 | | 66 | | * | | | |
| | **#195,86** | 9,11 | 43/2 | 7,1 | 360 | 0,39 | | 68 | 4,7 | 373 | 0,27 | | 67 | | | | | |
| | 183,60 | 3,60 | 51/1 | 7,6 | 325 | 0,48 | | 54 | 5,1 | 343 | 0,35 | | 52 | | | * | * | |
| | 162,18 | 3,18 | 51/1 | 8,6 | 310 | 0,51 | | 55 | 5,7 | 330 | 0,38 | | 52 | | | * | * | |
| | 144,33 | 2,83 | 51/1 | 9,7 | 300 | 0,54 | | 56 | 6,4 | 322 | 0,41 | | 53 | | | * | * | * |
| | 118,32 | 2,32 | 51/1 | 12 | 295 | 0,64 | | 58 | 7,9 | 320 | 0,49 | | 54 | | | * | * | * |
| | 104,04 | 2,04 | 51/1 | 13 | 295 | 0,68 | | 59 | 8,9 | 322 | 0,55 | | 55 | | | * | * | * |
| | 92,31 | 1,81 | 51/1 | 15 | 295 | 0,77 | | 60 | 10 | 325 | 0,61 | | 56 | | | | * | * |
| | 77,40 | 3,60 | 43/2 | 18 | 305 | 0,80 | | 72 | 12 | 322 | 0,58 | | 70 | | | | * | |
| | 68,37 | 3,18 | 43/2 | 20 | 295 | 0,85 | | 73 | 14 | 314 | 0,66 | | 70 | | | | * | |
| | 60,85 | 2,83 | 43/2 | 23 | 280 | 0,92 | | 73 | 15 | 301 | 0,67 | | 71 | | | | * | * |
| | 49,88 | 2,32 | 43/2 | 28 | 262 | 1,02 | | 75 | 19 | 284 | 0,78 | | 72 | | | | * | * |
| | 43,86 | 2,04 | 43/2 | 32 | 250 | 1,12 | | 75 | 21 | 273 | 0,82 | | 73 | | | | * | * |
| | 38,92 | 1,81 | 43/2 | 36 | 245 | 1,22 | | 76 | 24 | 270 | 0,92 | | 74 | | | | * | * |
| | 34,89 | 2,83 | 37/3 | 40 | 262 | 1,35 | | 81 | 27 | 281 | 0,99 | | 80 | | | | * | * |
| | 28,61 | 2,32 | 37/3 | 49 | 245 | 1,53 | | 82 | 33 | 266 | 1,13 | | 81 | | | | | * |
| | 25,15 | 2,04 | 37/3 | 56 | 245 | 1,73 | | 83 | 37 | 268 | 1,28 | | 81 | | | | | * |
| | 22,32 | 1,81 | 37/3 | 63 | 245 | 1,95 | | 83 | 42 | 270 | 1,45 | | 82 | | | | | * |
| | 18,99 | 1,54 | 37/3 | 74 | 215 | 1,98 | | 84 | 49 | 240 | 1,50 | | 82 | | | | | * |
| | 15,57 | 2,83 | 33/6 | 90 | 190 | 2,06 | | 87 | 60 | 204 | 1,49 | | 86 | | | | | * |
| | 12,76 | 2,32 | 33/6 | 110 | 180 | *2,20* | | 88 | 73 | 195 | *1,45* | | 87 | | | | | * |
| | 11,22 | 2,04 | 33/6 | 125 | 175 | *2,20* | | 88 | 83 | 191 | *1,45* | | 87 | | | | | * |
| | 9,96 | 1,81 | 33/6 | 141 | 170 | *2,20* | | 89 | 93 | 187 | *1,45* | | 88 | | | | | * |
| | 8,47 | 1,54 | 33/6 | 165 | 166 | *2,20* | | 89 | 110 | 185 | *1,45* | | 88 | | | | | * |
| | 7,43 | 1,35 | 33/6 | 188 | 156 | *2,20* | | 90 | 125 | 176 | *1,45* | | 88 | | | | | * |

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 |
|---|---|---|---|---|---|---|
| **SK 13063** | 29 | 30 | 31 | - | - | - |
| **SK 12063** | 24 | 25 | 26 | 29 | 29 | 29 |

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# SK 13063
# SK 12063

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | IEC $f_B$ ⇨ E4 - E20 IEC 63 | 71 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | | | | | | |
| | | | | $n_1$ = 700 min$^{-1}$ | | | | $n_1$ = 450 min$^{-1}$ | | | | $n_1$ = 250 min$^{-1}$ | | | | | | | | | |
| **SK 13063** | **#3631,55** | 71,21 | 51/1 | 0,19 | 392 | 0,02 | 45 | 0,12 | 426 | 0,01 | 45 | 0,07 | 454 | 0,01 | 45 | * | * | | | | |
| | **#2705,13** | 53,04 | 51/1 | 0,26 | 394 | 0,02 | 45 | 0,17 | 413 | 0,02 | 45 | 0,09 | 451 | 0,01 | 45 | * | * | | | | |
| | **#2374,16** | 46,55 | 51/1 | 0,29 | 397 | 0,03 | 45 | 0,19 | 406 | 0,02 | 45 | 0,11 | 449 | 0,01 | 45 | * | * | | | | |
| W | **#2110,94** | 41,39 | 51/1 | 0,33 | 399 | 0,03 | 45 | 0,21 | 406 | 0,02 | 45 | 0,12 | 447 | 0,01 | 45 | * | * | | | | |
| + | **#1343,63** | 62,49 | 43/2 | 0,52 | 392 | 0,03 | 64 | 0,33 | 421 | 0,02 | 64 | 0,19 | 452 | 0,01 | 64 | * | * | | | | |
| IEC | **#1140,40** | 53,04 | 43/2 | 0,61 | 394 | 0,04 | 64 | 0,39 | 413 | 0,03 | 64 | 0,22 | 428 | 0,02 | 64 | * | * | | | | |
| mm | **938,20** | 18,40 | 51/1 | 0,75 | 407 | 0,07 | 46 | 0,48 | 424 | 0,05 | 45 | 0,27 | 437 | 0,03 | 45 | * | * | | | | |
| | **737,53** | 14,46 | 51/1 | 0,95 | 405 | 0,09 | 46 | 0,61 | 427 | 0,06 | 46 | 0,34 | 444 | 0,04 | 45 | * | * | | | | |
| ⇨ E52 | **604,62** | 11,86 | 51/1 | 1,2 | 405 | 0,11 | 47 | 0,74 | 425 | 0,07 | 46 | 0,41 | 447 | 0,04 | 45 | | * | | | | |
| | **531,64** | 10,42 | 51/1 | 1,3 | 406 | 0,12 | 47 | 0,85 | 423 | 0,08 | 46 | 0,47 | 448 | 0,05 | 45 | | * | | | | |
| | **471,70** | 9,25 | 51/1 | 1,5 | 406 | 0,14 | 47 | 0,95 | 421 | 0,09 | 46 | 0,53 | 449 | 0,05 | 46 | | * | | | | |
| | **395,51** | 18,40 | 43/2 | 1,8 | 407 | 0,12 | 65 | 1,1 | 424 | 0,08 | 64 | 0,63 | 437 | 0,05 | 64 | | * | | | | |
| | **349,37** | 16,25 | 43/2 | 2,0 | 406 | 0,13 | 65 | 1,3 | 425 | 0,09 | 65 | 0,72 | 440 | 0,05 | 64 | | * | | | | |
| | **310,92** | 14,46 | 43/2 | 2,3 | 405 | 0,15 | 65 | 1,4 | 427 | 0,10 | 65 | 0,8 | 444 | 0,06 | 64 | | * | | | | |
| | **254,89** | 11,86 | 43/2 | 2,7 | 395 | 0,17 | 65 | 1,8 | 414 | 0,12 | 65 | 0,98 | 435 | 0,07 | 64 | | * | | | | |
| | **224,12** | 10,42 | 43/2 | 3,1 | 395 | 0,19 | 66 | 2,0 | 412 | 0,13 | 65 | 1,1 | 430 | 0,08 | 64 | | * | | | | |
| | **198,86** | 9,25 | 43/2 | 3,5 | 385 | 0,19 | 66 | 2,3 | 388 | 0,12 | 65 | 1,3 | 382 | 0,07 | 64 | | * | | | | |
| | **178,31** | 14,46 | 37/3 | 3,9 | 363 | 0,20 | 75 | 2,5 | 382 | 0,13 | 75 | 1,4 | 396 | 0,08 | 74 | | * | | | | |
| | **146,17** | 11,86 | 37/3 | 4,8 | 329 | *0,19* | 75 | 3,1 | 329 | 0,12 | 75 | 1,7 | 325 | *0,07* | 74 | | * | | | | |
| | **128,53** | 10,42 | 37/3 | 5,4 | 292 | *0,19* | 75 | 3,5 | 292 | 0,12 | 75 | 1,9 | 288 | *0,07* | 74 | | | | | | |
| | **114,04** | 9,25 | 37/3 | 6,1 | 260 | *0,19* | 76 | 3,9 | 257 | 0,12 | 75 | 2,2 | 257 | *0,07* | 75 | | | | | | |
| | **97,03** | 7,87 | 37/3 | 7,2 | 224 | *0,19* | 76 | 4,6 | 221 | 0,12 | 75 | 2,6 | 221 | *0,07* | 75 | | | | | | |
| | **79,54** | 14,46 | 33/6 | 8,8 | 198 | *0,19* | 83 | 5,7 | 196 | 0,12 | 82 | 3,1 | 196 | *0,07* | 82 | | | | | | |
| | **65,20** | 11,86 | 33/6 | 11 | 168 | *0,19* | 83 | 6,9 | 168 | 0,12 | 83 | 3,8 | 166 | *0,07* | 82 | | | | | | |

| | | | | | | | | | | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 12063** | **#626,79** | 12,29 | 51/1 | 1,1 | 384 | 0,10 | 46 | 0,72 | 403 | 0,07 | 46 | 0,4 | 423 | 0,04 | 45 | * | * | | | | |
| | **#529,38** | 10,38 | 51/1 | 1,3 | 385 | 0,11 | 47 | 0,85 | 401 | 0,08 | 46 | 0,47 | 424 | 0,05 | 45 | | * | | | | |
| | **#464,61** | 9,11 | 51/1 | 1,5 | 385 | 0,13 | 47 | 0,97 | 399 | 0,09 | 46 | 0,54 | 426 | 0,05 | 46 | | * | | | | |
| W | **#413,10** | 8,10 | 51/1 | 1,7 | 385 | 0,15 | 47 | 1,1 | 401 | 0,10 | 46 | 0,61 | 428 | 0,06 | 46 | | * | * | | | |
| + | **#264,24** | 12,29 | 43/2 | 2,6 | 344 | 0,14 | 65 | 1,7 | 344 | 0,09 | 65 | 0,95 | 338 | 0,05 | 64 | | * | | | | |
| IEC | **#223,17** | 10,38 | 43/2 | 3,1 | 385 | 0,19 | 66 | 2,0 | 401 | 0,13 | 65 | 1,1 | 424 | 0,08 | 64 | | * | | | | |
| mm | **#195,86** | 9,11 | 43/2 | 3,6 | 385 | 0,22 | 66 | 2,3 | 399 | 0,15 | 65 | 1,3 | 426 | 0,09 | 64 | | * | | | | |
| | 183,60 | 3,60 | 51/1 | 3,8 | 359 | 0,29 | 50 | 2,5 | 377 | 0,21 | 48 | 1,4 | 399 | 0,12 | 47 | | | * | * | | |
| ⇨ E52 | 162,18 | 3,18 | 51/1 | 4,3 | 343 | 0,30 | 51 | 2,8 | 363 | 0,22 | 49 | 1,5 | 384 | 0,13 | 47 | | | * | * | | |
| | 144,33 | 2,83 | 51/1 | 4,8 | 333 | 0,33 | 51 | 3,1 | 355 | 0,24 | 49 | 1,7 | 376 | 0,14 | 47 | | | * | * | * | |
| | 118,32 | 2,32 | 51/1 | 5,9 | 333 | 0,39 | 53 | 3,8 | 355 | 0,28 | 50 | 2,1 | 377 | 0,17 | 48 | | | * | * | * | |
| | 104,04 | 2,04 | 51/1 | 6,7 | 338 | 0,45 | 53 | 4,3 | 359 | 0,32 | 51 | 2,4 | 385 | 0,20 | 48 | | | * | * | * | |
| | 92,31 | 1,81 | 51/1 | 7,6 | 343 | 0,51 | 54 | 4,9 | 363 | 0,37 | 51 | 2,7 | 393 | 0,23 | 49 | | | * | * | * | |
| | 77,40 | 3,60 | 43/2 | 9 | 336 | 0,46 | 69 | 5,8 | 353 | 0,32 | 67 | 3,2 | 374 | 0,19 | 66 | | | * | * | | |
| | 68,37 | 3,18 | 43/2 | 10 | 327 | 0,50 | 69 | 6,6 | 345 | 0,36 | 67 | 3,7 | 366 | 0,21 | 66 | | | * | * | | |
| | 60,85 | 2,83 | 43/2 | 12 | 311 | 0,56 | 70 | 7,4 | 332 | 0,38 | 68 | 4,1 | 351 | 0,23 | 66 | | | | * | * | |
| | 49,88 | 2,32 | 43/2 | 14 | 296 | 0,61 | 71 | 9 | 315 | 0,43 | 69 | 5 | 335 | 0,26 | 67 | | | | * | * | |
| | 43,86 | 2,04 | 43/2 | 16 | 286 | 0,67 | 71 | 10 | 304 | 0,46 | 69 | 5,7 | 326 | 0,29 | 67 | | | | * | * | |
| | 38,92 | 1,81 | 43/2 | 18 | 285 | 0,75 | 72 | 12 | 301 | 0,54 | 70 | 6,4 | 327 | 0,33 | 67 | | | | * | * | |
| | 34,89 | 2,83 | 37/3 | 20 | 291 | 0,77 | 79 | 13 | 310 | 0,55 | 77 | 7,2 | 328 | 0,33 | 76 | | | | * | * | |
| | 28,61 | 2,32 | 37/3 | 24 | 277 | 0,88 | 79 | 16 | 295 | 0,63 | 78 | 8,7 | 313 | 0,38 | 76 | | | | * | * | |
| | 25,15 | 2,04 | 37/3 | 28 | 281 | 1,03 | 80 | 18 | 298 | 0,72 | 78 | 9,9 | 320 | 0,43 | 77 | | | | * | * | |
| | 22,32 | 1,81 | 37/3 | 31 | 285 | 1,16 | 80 | 20 | 301 | 0,80 | 79 | 11 | 327 | 0,49 | 77 | | | | * | * | |
| | 18,99 | 1,54 | 37/3 | 37 | 254 | 1,21 | 81 | 24 | 272 | 0,87 | 79 | 13 | 295 | 0,52 | 77 | | | | | * | |
| | 15,57 | 2,83 | 33/6 | 45 | 211 | 1,16 | 86 | 29 | 225 | 0,81 | 84 | 16 | 238 | 0,48 | 83 | | | | | * | |
| | 12,76 | 2,32 | 33/6 | 55 | 203 | *1,10* | 86 | 35 | 216 | *0,73* | 85 | 20 | 230 | *0,40* | 84 | | | | | * | |
| | 11,22 | 2,04 | 33/6 | 62 | 200 | *1,10* | 86 | 40 | 213 | *0,73* | 85 | 22 | 228 | *0,40* | 84 | | | | | * | |
| | 9,96 | 1,81 | 33/6 | 70 | 197 | *1,10* | 87 | 45 | 209 | *0,73* | 86 | 25 | 227 | *0,40* | 84 | | | | | * | |
| | 8,47 | 1,54 | 33/6 | 83 | 196 | *1,10* | 87 | 53 | 210 | *0,73* | 86 | 30 | 228 | *0,40* | 85 | | | | | * | |
| | 7,43 | 1,35 | 33/6 | 94 | 187 | *1,10* | 88 | 61 | 202 | *0,73* | 86 | 34 | 220 | *0,40* | 85 | | | | | * | |

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 |
|---|---|---|---|---|---|---|
| **SK 13063** | 29 | 30 | 31 | - | - | - |
| **SK 12063** | 24 | 25 | 26 | 29 | 29 | 29 |

* # ⇨ A63

Helical-worm gear units

# SK 13080
# SK 12080

NORD DRIVESYSTEMS

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ $f_B = 1$ [kW] | W $P_{1max}$ $f_B \geq 1$ [kW] | W η [%] | IEC $f_B$ ⇨ E4 - E20 63 | 71 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $n_1$ = 1400 min$^{-1}$ | | | | | $n_1$ = 930 min$^{-1}$ | | | | | IEC | | | | | | | |
| **SK 13080** | **#3356,66** | 65,82 | 51/1 | 0,42 | 770 | 0,08 | | 45 | 0,28 | 786 | 0,05 | | 45 | * | * | | | | | | |
| | **#2658,22** | 52,12 | 51/1 | 0,53 | 770 | 0,09 | | 45 | 0,35 | 790 | 0,06 | | 45 | * | * | | | | | | |
| **W + IEC** | **#2058,82** | 40,37 | 51/1 | 0,68 | 770 | 0,12 | | 46 | 0,45 | 796 | 0,08 | | 45 | * | * | | | | | | |
| mm | **1198,81** | 23,51 | 51/1 | 1,2 | 770 | 0,21 | | 47 | 0,78 | 804 | 0,14 | | 46 | | * | | | | | | |
| ⇨ E52 | **956,44** | 18,75 | 51/1 | 1,5 | 770 | 0,26 | | 47 | 0,97 | 795 | 0,18 | | 46 | | * | | | | | | |
| | **805,28** | 15,79 | 51/1 | 1,7 | 770 | 0,29 | | 48 | 1,2 | 800 | 0,21 | | 47 | | * | | | | | | |
| | **706,25** | 13,85 | 51/1 | 2,0 | 770 | 0,33 | | 49 | 1,3 | 804 | 0,23 | | 47 | | * | | | | | | |
| | **630,68** | 12,37 | 51/1 | 2,2 | 770 | 0,36 | | 49 | 1,5 | 802 | 0,27 | | 47 | | * | | | | | | |
| | **542,07** | 10,63 | 51/1 | 2,6 | 770 | *0,37* | | 50 | 1,7 | 781 | *0,24* | | 48 | | | | | | | | |
| | **482,13** | 9,45 | 51/1 | 2,9 | 770 | *0,37* | | 50 | 1,9 | 739 | *0,24* | | 48 | | | | | | | | |
| | **403,20** | 18,75 | 43/2 | 3,5 | 770 | *0,37* | | 67 | 2,3 | 795 | *0,24* | | 66 | | | | | | | | |
| | **339,48** | 15,79 | 43/2 | 4,1 | 700 | *0,37* | | 68 | 2,7 | 679 | *0,24* | | 66 | | | | | | | | |
| | **297,73** | 13,85 | 43/2 | 4,7 | 610 | *0,37* | | 68 | 3,1 | 601 | *0,24* | | 67 | | | | | | | | |
| | **265,87** | 12,37 | 43/2 | 5,3 | 570 | *0,37* | | 68 | 3,5 | 562 | *0,24* | | 67 | | | | | | | | |
| | **228,52** | 10,63 | 43/2 | 6,1 | 570 | *0,37* | | 69 | 4,1 | 554 | *0,24* | | 67 | | | | | | | | |
| | **193,73** | 18,75 | 31/3 | 7,2 | 450 | *0,37* | | 78 | 4,8 | 448 | *0,24* | | 77 | | | | | | | | |
| | **163,11** | 15,79 | 31/3 | 8,6 | 380 | *0,37* | | 78 | 5,7 | 377 | *0,24* | | 77 | | | | | | | | |
| | **143,05** | 13,85 | 31/3 | 9,8 | 340 | *0,37* | | 78 | 6,5 | 335 | *0,24* | | 77 | | | | | | | | |
| | **127,74** | 12,37 | 31/3 | 11 | 300 | *0,37* | | 79 | 7,3 | 299 | *0,24* | | 78 | | | | | | | | |
| | **109,80** | 10,63 | 31/3 | 13 | 260 | *0,37* | | 79 | 8,5 | 257 | *0,24* | | 78 | | | | | | | | |
| | **97,65** | 9,45 | 31/3 | 14 | 230 | *0,37* | | 79 | 9,5 | 229 | *0,24* | | 78 | | | | | | | | |

| | | | | | | | | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 12080** | **#656,88** | 12,88 | 51/1 | 2,1 | 710 | 0,32 | | 49 | 1,4 | 740 | 0,23 | | 47 | | * | | | | | | |
| | **#520,20** | 10,20 | 51/1 | 2,7 | 710 | 0,4 | | 50 | 1,8 | 737 | 0,29 | | 48 | | | * | | | | | |
| **W + IEC** | **#402,90** | 7,90 | 51/1 | 3,5 | 710 | 0,51 | | 51 | 2,3 | 740 | 0,36 | | 49 | | | * | | | | | |
| mm | **#276,92** | 12,88 | 43/2 | 5,1 | 710 | 0,56 | | 68 | 3,4 | 740 | 0,39 | | 67 | | | | | | | | |
| ⇨ E52 | 234,60 | 4,60 | 51/1 | 6,0 | 710 | 0,81 | | 55 | 4 | 752 | 0,61 | | 52 | | | | * | | | | |
| | 187,17 | 3,67 | 51/1 | 7,5 | 670 | 0,92 | | 57 | 5 | 706 | 0,68 | | 54 | | | | * | * | * | | |
| | 157,59 | 3,09 | 51/1 | 8,9 | 670 | 1,08 | | 58 | 5,9 | 714 | 0,8 | | 55 | | | | * | * | * | | |
| | 138,21 | 2,71 | 51/1 | 10 | 645 | 1,13 | | 60 | 6,7 | 694 | 0,87 | | 56 | | | | * | * | * | | |
| | 123,42 | 2,42 | 51/1 | 11 | 620 | 1,17 | | 61 | 7,5 | 671 | 0,92 | | 57 | | | | * | * | * | | |
| | 106,08 | 2,08 | 51/1 | 13 | 590 | 1,3 | | 62 | 8,8 | 643 | 1,02 | | 58 | | | | * | * | * | | |
| | 94,35 | 1,85 | 51/1 | 15 | 560 | 1,4 | | 63 | 9,9 | 615 | 1,08 | | 59 | | | | * | * | * | | |
| | 78,91 | 3,67 | 43/2 | 18 | 655 | 1,65 | | 75 | 12 | 690 | 1,2 | | 72 | | | | | * | * | | |
| | 66,44 | 3,09 | 43/2 | 21 | 630 | 1,82 | | 76 | 14 | 672 | 1,35 | | 73 | | | | | * | * | | |
| | 58,27 | 2,71 | 43/2 | 24 | 600 | 1,96 | | 77 | 16 | 646 | 1,46 | | 74 | | | | | * | * | | |
| | 52,03 | 2,42 | 43/2 | 27 | 575 | 2,11 | | 77 | 18 | 622 | 1,56 | | 75 | | | | | * | * | | |
| | 44,72 | 2,08 | 43/2 | 31 | 550 | 2,29 | | 78 | 21 | 600 | 1,74 | | 76 | | | | | * | * | | |
| | 37,91 | 3,67 | 31/3 | 37 | 550 | 2,57 | | 83 | 25 | 580 | 1,85 | | 82 | | | | | * | * | | |
| | 31,92 | 3,09 | 31/3 | 44 | 525 | 2,88 | | 84 | 29 | 560 | 2,07 | | 82 | | | | | * | * | | |
| | 27,99 | 2,71 | 31/3 | 50 | 510 | 3,14 | | 85 | 33 | 549 | 2,29 | | 83 | | | | | | * | | |
| | 25,00 | 2,42 | 31/3 | 56 | 490 | 3,38 | | 85 | 37 | 530 | 2,47 | | 83 | | | | | | * | | |
| | 21,49 | 2,08 | 31/3 | 65 | 470 | 3,72 | | 86 | 43 | 513 | 2,75 | | 84 | | | | | | * | | |
| | 19,11 | 1,85 | 31/3 | 73 | 455 | *4,00* | | 86 | 49 | 500 | *2,64* | | 85 | | | | | | | | |
| | 15,98 | 3,09 | 31/6 | 88 | 395 | *4,00* | | 89 | 58 | 421 | *2,64* | | 88 | | | | | | | | |
| | 14,01 | 2,71 | 31/6 | 100 | 365 | *4,00* | | 89 | 66 | 393 | *2,64* | | 88 | | | | | | | | |
| | 12,51 | 2,42 | 31/6 | 112 | 345 | *4,00* | | 90 | 74 | 373 | *2,64* | | 88 | | | | | | | | |
| | 10,75 | 2,08 | 31/6 | 130 | 340 | *4,00* | | 90 | 87 | 371 | *2,64* | | 89 | | | | | | | | |
| | 9,56 | 1,85 | 31/6 | 146 | 340 | *4,00* | | 90 | 97 | 374 | *2,64* | | 89 | | | | | | | | |
| | 7,55 | 1,46 | 31/6 | 185 | 295 | *4,00* | | 91 | 123 | 330 | *2,64* | | 90 | | | | | | | | |

* # ⇨ A63

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 13080** | 39 | 40 | 41 | - | - | - | - |
| **SK 12080** | 34 | 35 | 36 | 39 | 39 | 46 | 46 |

# SK 13080
# SK 12080

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | $M_{2max}$ [Nm] | $P_{1max}$ [kW] | η [%] | W $n_2$ [min$^{-1}$] | $M_{2max}$ [Nm] | $P_{1max}$ [kW] | η [%] | W $n_2$ [min$^{-1}$] | $M_{2max}$ [Nm] | $P_{1max}$ [kW] | η [%] | IEC $f_B$ ⇨ E4 - E20 IEC 63 | 71 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | | | | | | |
| | | | | $n_1$ = 700 min$^{-1}$ | | | | $n_1$ = 450 min$^{-1}$ | | | | $n_1$ = 250 min$^{-1}$ | | | | | | | | | |
| **SK 13080** | **#3356,66** | 65,82 | 51/1 | 0,21 | 793 | 0,04 | 45 | 0,13 | 857 | 0,03 | 45 | 0,07 | 918 | 0,02 | 44 | * | * | | | | |
| | **#2658,22** | 52,12 | 51/1 | 0,26 | 800 | 0,05 | 45 | 0,17 | 835 | 0,03 | 45 | 0,09 | 912 | 0,02 | 44 | * | * | | | | |
| W | **#2058,82** | 40,37 | 51/1 | 0,34 | 809 | 0,06 | 45 | 0,22 | 823 | 0,04 | 45 | 0,12 | 905 | 0,03 | 44 | * | * | | | | |
| + | **1198,81** | 23,51 | 51/1 | 0,58 | 828 | 0,11 | 46 | 0,38 | 853 | 0,08 | 45 | 0,21 | 874 | 0,04 | 45 | | * | | | | |
| IEC | **956,44** | 18,75 | 51/1 | 0,73 | 825 | 0,14 | 46 | 0,47 | 858 | 0,09 | 45 | 0,26 | 884 | 0,05 | 45 | | * | | | | |
| mm | **805,28** | 15,79 | 51/1 | 0,87 | 823 | 0,16 | 46 | 0,56 | 862 | 0,11 | 46 | 0,31 | 894 | 0,06 | 45 | | * | | | | |
| ⇨ E52 | **706,25** | 13,85 | 51/1 | 0,99 | 821 | 0,19 | 46 | 0,64 | 866 | 0,13 | 46 | 0,35 | 902 | 0,07 | 45 | | * | | | | |
| | **630,68** | 12,37 | 51/1 | 1,1 | 821 | 0,2 | 47 | 0,71 | 863 | 0,14 | 46 | 0,4 | 851 | 0,08 | 45 | | * | | | | |
| | **542,07** | 10,63 | 51/1 | 1,3 | 764 | *0,19* | 47 | 0,83 | 748 | *0,12* | 46 | 0,46 | 732 | *0,07* | 45 | | | | | | |
| | **482,13** | 9,45 | 51/1 | 1,5 | 724 | *0,19* | 47 | 0,93 | 709 | *0,12* | 46 | 0,52 | 693 | *0,07* | 45 | | | | | | |
| | **403,20** | 18,75 | 43/2 | 1,7 | 798 | *0,19* | 66 | 1,1 | 786 | *0,12* | 65 | 0,62 | 786 | *0,07* | 65 | | * | | | | |
| | **339,48** | 15,79 | 43/2 | 2,1 | 679 | *0,19* | 66 | 1,3 | 669 | *0,12* | 65 | 0,74 | 669 | *0,07* | 65 | | | | | | |
| | **297,73** | 13,85 | 43/2 | 2,4 | 592 | *0,19* | 66 | 1,5 | 583 | *0,12* | 65 | 0,84 | 583 | *0,07* | 65 | | | | | | |
| | **265,87** | 12,37 | 43/2 | 2,6 | 554 | *0,19* | 66 | 1,7 | 554 | *0,12* | 66 | 0,94 | 545 | *0,07* | 65 | | | | | | |
| | **228,52** | 10,63 | 43/2 | 3,1 | 554 | *0,19* | 67 | 2,0 | 545 | *0,12* | 66 | 1,1 | 537 | *0,07* | 65 | | | | | | |
| | **193,73** | 18,75 | 31/3 | 3,6 | 442 | *0,19* | 76 | 2,3 | 442 | *0,12* | 76 | 1,3 | 442 | *0,07* | 76 | | | | | | |
| | **163,11** | 15,79 | 31/3 | 4,3 | 377 | *0,19* | 77 | 2,8 | 372 | *0,12* | 76 | 1,5 | 372 | *0,07* | 76 | | | | | | |
| | **143,05** | 13,85 | 31/3 | 4,9 | 335 | *0,19* | 77 | 3,1 | 331 | *0,12* | 76 | 1,7 | 331 | *0,07* | 76 | | | | | | |
| | **127,74** | 12,37 | 31/3 | 5,5 | 295 | *0,19* | 77 | 3,5 | 291 | *0,12* | 76 | 2,0 | 291 | *0,07* | 76 | | | | | | |
| | **109,80** | 10,63 | 31/3 | 6,4 | 254 | *0,19* | 77 | 4,1 | 254 | *0,12* | 77 | 2,3 | 250 | *0,07* | 76 | | | | | | |
| | **97,65** | 9,45 | 31/3 | 7,2 | 229 | *0,19* | 78 | 4,6 | 226 | *0,12* | 77 | 2,6 | 223 | *0,07* | 76 | | | | | | |

| | | | | | | | | | | | | | | | | IEC 63 | 71 | 80 | 90 | 100 | 112 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 12080** | **#656,88** | 12,88 | 51/1 | 1,1 | 757 | 0,19 | 47 | 0,69 | 797 | 0,13 | 46 | 0,38 | 833 | 0,07 | 45 | | * | | | | |
| | **#520,20** | 10,20 | 51/1 | 1,3 | 759 | 0,22 | 47 | 0,87 | 791 | 0,16 | 46 | 0,48 | 838 | 0,09 | 45 | | | * | | | |
| W | **#402,90** | 7,90 | 51/1 | 1,7 | 761 | 0,28 | 48 | 1,1 | 792 | 0,19 | 47 | 0,62 | 844 | 0,12 | 46 | | | * | | | |
| + | **#276,92** | 12,88 | 43/2 | 2,5 | 731 | 0,29 | 66 | 1,6 | 731 | 0,19 | 66 | 0,9 | 720 | 0,10 | 65 | | | | | | |
| IEC | 234,60 | 4,60 | 51/1 | 3,0 | 779 | 0,49 | 50 | 1,9 | 810 | 0,34 | 48 | 1,1 | 857 | 0,21 | 47 | | | * | * | | |
| mm | 187,17 | 3,67 | 51/1 | 3,7 | 739 | 0,55 | 52 | 2,4 | 775 | 0,40 | 49 | 1,3 | 820 | 0,24 | 47 | | | | * | * | * |
| | 157,59 | 3,09 | 51/1 | 4,4 | 742 | 0,65 | 53 | 2,9 | 787 | 0,48 | 50 | 1,6 | 832 | 0,29 | 48 | | | | * | * | * |
| ⇨ E52 | 138,21 | 2,71 | 51/1 | 5,1 | 719 | 0,71 | 54 | 3,3 | 767 | 0,52 | 51 | 1,8 | 811 | 0,32 | 48 | | | | * | * | * |
| | 123,42 | 2,42 | 51/1 | 5,7 | 698 | 0,76 | 55 | 3,6 | 743 | 0,54 | 52 | 2,0 | 787 | 0,34 | 49 | | | | * | * | * |
| | 106,08 | 2,08 | 51/1 | 6,6 | 674 | 0,83 | 56 | 4,2 | 716 | 0,59 | 53 | 2,4 | 767 | 0,39 | 49 | | | | * | * | * |
| | 94,35 | 1,85 | 51/1 | 7,4 | 649 | 0,88 | 57 | 4,8 | 688 | 0,65 | 53 | 2,6 | 744 | 0,41 | 50 | | | | * | * | * |
| | 78,91 | 3,67 | 43/2 | 8,9 | 722 | 0,95 | 71 | 5,7 | 758 | 0,66 | 69 | 3,2 | 802 | 0,40 | 67 | | | | * | * | * |
| | 66,44 | 3,09 | 43/2 | 11 | 698 | 1,12 | 72 | 6,8 | 740 | 0,76 | 69 | 3,8 | 783 | 0,47 | 67 | | | | * | * | * |
| | 58,27 | 2,71 | 43/2 | 12 | 668 | 1,17 | 72 | 7,7 | 713 | 0,82 | 70 | 4,3 | 754 | 0,50 | 68 | | | | | * | * |
| | 52,03 | 2,42 | 43/2 | 13 | 647 | 1,21 | 73 | 8,6 | 689 | 0,89 | 70 | 4,8 | 730 | 0,54 | 68 | | | | | * | * |
| | 44,72 | 2,08 | 43/2 | 16 | 629 | 1,42 | 74 | 10 | 668 | 0,99 | 71 | 5,6 | 715 | 0,61 | 69 | | | | | * | * |
| | 37,91 | 3,67 | 31/3 | 18 | 607 | 1,43 | 80 | 12 | 636 | 1,01 | 79 | 6,6 | 673 | 0,60 | 77 | | | | | * | * |
| | 31,92 | 3,09 | 31/3 | 22 | 582 | 1,66 | 81 | 14 | 616 | 1,14 | 79 | 7,8 | 652 | 0,68 | 78 | | | | | * | * |
| | 27,99 | 2,71 | 31/3 | 25 | 568 | 1,81 | 82 | 16 | 606 | 1,27 | 80 | 8,9 | 641 | 0,77 | 78 | | | | | * | * |
| | 25,00 | 2,42 | 31/3 | 28 | 551 | 1,97 | 82 | 18 | 587 | 1,38 | 80 | 10 | 622 | 0,84 | 78 | | | | | * | * |
| | 21,49 | 2,08 | 31/3 | 33 | 537 | 2,24 | 83 | 21 | 571 | 1,55 | 81 | 12 | 611 | 0,97 | 79 | | | | | * | * |
| | 19,11 | 1,85 | 31/3 | 37 | 528 | *2,00* | 83 | 24 | 559 | *1,32* | 81 | 13 | 604 | *0,72* | 79 | | | | | | * |
| | 15,98 | 3,09 | 31/6 | 44 | 417 | *2,00* | 87 | 28 | 408 | *1,32* | 85 | 16 | 403 | *0,72* | 84 | | | | | | * |
| | 14,01 | 2,71 | 31/6 | 50 | 407 | *2,00* | 87 | 32 | 409 | *1,32* | 86 | 18 | 399 | *0,72* | 84 | | | | | | * |
| | 12,51 | 2,42 | 31/6 | 56 | 388 | *2,00* | 87 | 36 | 406 | *1,32* | 86 | 20 | 401 | *0,72* | 85 | | | | | | * |
| | 10,75 | 2,08 | 31/6 | 65 | 389 | *2,00* | 88 | 42 | 406 | *1,32* | 87 | 23 | 397 | *0,72* | 85 | | | | | | * |
| | 9,56 | 1,85 | 31/6 | 73 | 394 | *2,00* | 88 | 47 | 402 | *1,32* | 87 | 26 | 393 | *0,72* | 85 | | | | | | * |
| | 7,55 | 1,46 | 31/6 | 93 | 351 | *2,00* | 89 | 60 | 377 | *1,32* | 88 | 33 | 390 | *0,72* | 86 | | | | | | * |

* # ⇨ A63

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 |
|---|---|---|---|---|---|---|---|
| **SK 13080** | 39 | 40 | 41 | - | - | - | - |
| **SK 12080** | 34 | 35 | 36 | 39 | 39 | 46 | 46 |

# SK 33100
# SK 32100

NORD DRIVESYSTEMS

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] ($n_1$ = 1400 min$^{-1}$) | W $M_{2max}$ [Nm] $f_B = 1$ | W $P_{1max}$ [kW] $f_B \geq 1$ | W η [%] | W $n_2$ [min$^{-1}$] ($n_1$ = 930 min$^{-1}$) | W $M_{2max}$ [Nm] $f_B = 1$ | W $P_{1max}$ [kW] $f_B \geq 1$ | W η [%] | IEC $f_B$ ⇨ E4 - E20 IEC 63 | 71 | 80 | 90 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 33100** W + IEC mm ⇨ E52 | **5875,95** | 117,52 | 50/1 | 0,24 | 1590 | 0,09 | 45 | 0,16 | 1682 | 0,06 | 45 | * | * | | | | | | |
| | **4646,10** | 92,92 | 50/1 | 0,30 | 1590 | 0,11 | 46 | 0,2 | 1612 | 0,08 | 45 | * | * | | | | | | |
| | **3735,10** | 74,70 | 50/1 | 0,37 | 1590 | 0,13 | 46 | 0,25 | 1618 | 0,09 | 45 | * | * | | | | | | |
| | **2200,07** | 44,00 | 50/1 | 0,64 | 1590 | 0,23 | 47 | 0,42 | 1640 | 0,16 | 46 | | * | | | | | | |
| | **1671,69** | 33,43 | 50/1 | 0,84 | 1590 | 0,30 | 47 | 0,56 | 1657 | 0,21 | 46 | | * | | | | | | |
| | **1507,71** | 30,15 | 50/1 | 0,93 | 1590 | 0,32 | 48 | 0,62 | 1666 | 0,23 | 47 | | * | | | | | | |
| | **1175,19** | 23,50 | 50/1 | 1,2 | 1590 | 0,42 | 48 | 0,79 | 1661 | 0,29 | 47 | | | | | | | | |
| | 660,60 | 13,21 | 50/1 | 2,1 | 1590 | 0,69 | 51 | 1,4 | 1659 | 0,50 | 49 | | | * | * | | | | |
| | 519,31 | 10,39 | 50/1 | 2,7 | 1590 | 0,86 | 52 | 1,8 | 1651 | 0,62 | 50 | | | | * | | | | |
| | 468,37 | 9,37 | 50/1 | 3,0 | 1590 | 0,94 | 53 | 2,0 | 1647 | 0,69 | 50 | | | | * | | | | |
| | 365,07 | 7,30 | 50/1 | 3,8 | 1510 | 1,09 | 55 | 2,5 | 1580 | 0,80 | 52 | | | | * | | | | |
| | 299,28 | 5,99 | 50/1 | 4,7 | 1510 | 1,33 | 56 | 3,1 | 1599 | 0,98 | 53 | | | | * | | | | |
| | 257,63 | 13,21 | 39/2 | 5,4 | 1510 | 1,22 | 70 | 3,6 | 1575 | 0,86 | 69 | | | | * | | | | |
| | 182,66 | 9,37 | 39/2 | 7,7 | 1420 | 1,5 | 72 | 5,1 | 1471 | 0,99 | 70 | | | | | | | | |
| | 142,38 | 7,30 | 39/2 | 9,8 | 1310 | 1,5 | 74 | 6,5 | 1371 | 0,99 | 71 | | | | | | | | |
| | 121,21 | 10,39 | 35/3 | 12 | 1190 | 1,5 | 80 | 7,7 | 1236 | 0,99 | 78 | | | | | | | | |
| | 109,32 | 9,37 | 35/3 | 13 | 1190 | 1,5 | 80 | 8,5 | 1232 | 0,99 | 79 | | | | | | | | |
| | 85,21 | 7,30 | 35/3 | 16 | 1080 | 1,5 | 81 | 11 | 1130 | 0,99 | 80 | | | | | | | | |
| | 69,85 | 5,99 | 35/3 | 20 | 1080 | 1,5 | 82 | 13 | 1143 | 0,99 | 80 | | | | | | | | |
| | 53,70 | 10,39 | 31/6 | 26 | 690 | 1,5 | 86 | 17 | 696 | 0,99 | 85 | | | | | | | | |

| | | | | | | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 32100** W + IEC mm ⇨ E53 | **645,00** | 12,90 | 50/1 | 2,2 | 1420 | 0,64 | 51 | 1,4 | 1481 | 0,44 | 49 | | | * | * | | | | |
| | **510,00** | 10,20 | 50/1 | 2,7 | 1420 | 0,77 | 52 | 1,8 | 1474 | 0,56 | 50 | | | | * | | | | |
| | **410,00** | 8,20 | 50/1 | 3,4 | 1355 | 0,89 | 54 | 2,3 | 1410 | 0,67 | 51 | | | | * | * | * | | |
| | **304,00** | 6,08 | 50/1 | 4,6 | 1420 | 1,22 | 56 | 3,1 | 1502 | 0,92 | 53 | | | | * | | | | |
| | 241,50 | 4,83 | 50/1 | 5,8 | 1420 | 1,49 | 58 | 3,9 | 1506 | 1,12 | 55 | | | | * | * | * | | |
| | 183,50 | 3,67 | 50/1 | 7,6 | 1365 | 1,78 | 61 | 5,1 | 1439 | 1,35 | 57 | | | | | * | * | | |
| | 165,50 | 3,31 | 50/1 | 8,5 | 1330 | 1,91 | 62 | 5,6 | 1411 | 1,43 | 58 | | | | | * | * | | |
| | 129,00 | 2,58 | 50/1 | 11 | 1240 | 2,2 | 65 | 7,2 | 1337 | 1,68 | 60 | | | | | * | * | * | |
| | 104,00 | 2,08 | 50/1 | 13 | 1170 | 2,38 | 67 | 8,9 | 1276 | 1,89 | 63 | | | | | * | * | * | |
| | 94,19 | 4,83 | 39/2 | 15 | 1310 | 2,71 | 76 | 9,9 | 1389 | 1,95 | 74 | | | | | * | * | | |
| | 71,57 | 3,67 | 39/2 | 20 | 1220 | 3,28 | 78 | 13 | 1286 | 2,33 | 75 | | | | | | * | | |
| | 64,55 | 3,31 | 39/2 | 22 | 1190 | 3,47 | 79 | 14 | 1263 | 2,44 | 76 | | | | | | * | | |
| | 50,31 | 2,58 | 39/2 | 28 | 1110 | 4,07 | 80 | 18 | 1197 | 2,89 | 78 | | | | | | | * | |
| | 42,83 | 3,67 | 35/3 | 33 | 1100 | 4,47 | 85 | 22 | 1159 | 3,22 | 83 | | | | | | | | |
| | 38,63 | 3,31 | 35/3 | 36 | 1100 | 4,88 | 85 | 24 | 1167 | 3,53 | 83 | | | | | | | | |
| | 34,32 | 1,76 | 39/2 | 41 | 1090 | 5,64 | 83 | 27 | 1202 | 4,25 | 80 | | | | | | | * | |
| | 30,11 | 2,58 | 35/3 | 46 | 1050 | 5,88 | 86 | 31 | 1132 | 4,37 | 84 | | | | | | | * | |
| | 24,27 | 2,08 | 35/3 | 58 | 1020 | 7,12 | 87 | 38 | 1112 | 5,21 | 85 | | | | | | | * | |
| | 20,54 | 1,76 | 35/3 | 68 | 840 | 6,80 | 88 | 45 | 926 | 5,07 | 86 | | | | | | | * | |
| | 18,97 | 3,67 | 31/6 | 74 | 720 | 6,20 | 90 | 49 | 721 | 4,20 | 88 | | | | | | | * | |
| | 17,11 | 3,31 | 31/6 | 82 | 710 | 6,77 | 90 | 54 | 725 | 4,61 | 89 | | | | | | | * | |
| | 16,22 | 1,39 | 35/3 | 86 | 750 | *7,50* | 89 | 57 | 844 | *4,95* | 87 | | | | | | | * | |
| | 13,34 | 2,58 | 31/6 | 105 | 710 | *7,50* | 91 | 70 | 712 | *4,95* | 89 | | | | | | | * | |
| | 10,75 | 2,08 | 31/6 | 130 | 725 | *7,50* | 91 | 87 | 717 | *4,95* | 90 | | | | | | | * | |
| | 9,10 | 1,76 | 31/6 | 154 | 725 | *7,50* | 92 | 102 | 717 | *4,95* | 91 | | | | | | | * | |
| | 7,19 | 1,39 | 31/6 | 195 | 680 | *7,50* | 92 | 129 | 680 | *4,95* | 91 | | | | | | | * | |

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Helical-worm gear units

| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 33100** | 68 | 69 | 70 | 73 | 73 | - | - | - |
| **SK 32100** | 66 | - | 64 | 68 | 68 | 72 | 72 | 81 |

# SK 33100
# SK 32100

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | W $n_2$ [min$^{-1}$] | W $M_{2max}$ [Nm] | W $P_{1max}$ [kW] | W η [%] | IEC 63 | IEC 71 | IEC 80 | IEC 90 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | | | | | | |
| | | | | $n_1$ = 700 min$^{-1}$ | | | | $n_1$ = 450 min$^{-1}$ | | | | $n_1$ = 250 min$^{-1}$ | | | | IEC $f_B$ ⇨ E4 - E20 | | | | | |
| **SK 33100** | **5875,95** | 117,52 | 50/1 | 0,12 | 1760 | 0,05 | 45 | 0,08 | 1845 | 0,03 | 45 | 0,04 | 1913 | 0,02 | 45 | * | * | | | | |
| | **4646,10** | 92,92 | 50/1 | 0,15 | 1712 | 0,06 | 45 | 0,10 | 1820 | 0,04 | 45 | 0,05 | 1907 | 0,02 | 45 | * | * | | | | |
| **W** | **3735,10** | 74,70 | 50/1 | 0,19 | 1655 | 0,07 | 45 | 0,12 | 1791 | 0,05 | 45 | 0,07 | 1900 | 0,03 | 45 | * | * | | | | |
| **+** | **2200,07** | 44,00 | 50/1 | 0,32 | 1664 | 0,12 | 46 | 0,20 | 1690 | 0,08 | 45 | 0,11 | 1874 | 0,05 | 45 | | * | | | | |
| **IEC** | **1671,69** | 33,43 | 50/1 | 0,42 | 1690 | 0,16 | 46 | 0,27 | 1726 | 0,11 | 46 | 0,15 | 1853 | 0,06 | 45 | | * | | | | |
| | **1507,71** | 30,15 | 50/1 | 0,46 | 1703 | 0,18 | 46 | 0,30 | 1743 | 0,12 | 46 | 0,17 | 1843 | 0,07 | 45 | | | | | | |
| mm | **1175,19** | 23,50 | 50/1 | 0,6 | 1710 | 0,23 | 47 | 0,38 | 1762 | 0,15 | 46 | 0,21 | 1805 | 0,09 | 45 | | | | | | |
| | 660,60 | 13,21 | 50/1 | 1,1 | 1695 | 0,41 | 48 | 0,68 | 1785 | 0,27 | 47 | 0,38 | 1865 | 0,16 | 46 | | | * | * | | |
| ⇨ E52 | 519,31 | 10,39 | 50/1 | 1,3 | 1698 | 0,47 | 49 | 0,87 | 1772 | 0,34 | 47 | 0,48 | 1875 | 0,20 | 46 | | | | * | | |
| | 468,37 | 9,37 | 50/1 | 1,5 | 1700 | 0,54 | 49 | 0,96 | 1764 | 0,37 | 48 | 0,53 | 1880 | 0,23 | 46 | | | | * | | |
| | 365,07 | 7,30 | 50/1 | 1,9 | 1619 | 0,64 | 50 | 1,2 | 1692 | 0,44 | 48 | 0,68 | 1800 | 0,27 | 47 | | | | * | | |
| | 299,28 | 5,99 | 50/1 | 2,3 | 1642 | *0,78* | 51 | 1,5 | 1715 | *0,55* | 49 | 0,84 | 1815 | *0,34* | 47 | | | | * | | |
| | 257,63 | 13,21 | 39/2 | 2,7 | 1610 | *0,67* | 68 | 1,7 | 1696 | *0,45* | 67 | 0,97 | 1771 | *0,27* | 66 | | | | * | | |
| | 182,66 | 9,37 | 39/2 | 3,8 | 1518 | *0,75* | 69 | 2,5 | 1576 | *0,50* | 68 | 1,4 | 1679 | *0,27* | 67 | | | | * | | |
| | 142,38 | 7,30 | 39/2 | 4,9 | 1405 | *0,75* | 70 | 3,2 | 1468 | *0,50* | 68 | 1,8 | 1562 | *0,27* | 67 | | | | | | |
| | 121,21 | 10,39 | 35/3 | 5,8 | 1271 | *0,75* | 78 | 3,7 | 1326 | *0,50* | 77 | 2,1 | 1403 | *0,27* | 76 | | | | | | |
| | 109,32 | 9,37 | 35/3 | 6,4 | 1272 | *0,75* | 78 | 4,1 | 1320 | *0,50* | 77 | 2,3 | 1397 | *0,27* | 76 | | | | | | |
| | 85,21 | 7,30 | 35/3 | 8,2 | 1158 | *0,75* | 79 | 5,3 | 1210 | *0,50* | 77 | 2,9 | 1287 | *0,27* | 76 | | | | | | |
| | 69,85 | 5,99 | 35/3 | 10 | 1174 | *0,75* | 79 | 6,4 | 1227 | *0,50* | 78 | 3,6 | 1298 | *0,27* | 76 | | | | | | |
| | 53,70 | 10,39 | 31/6 | 13 | 688 | *0,75* | 84 | 8,4 | 688 | *0,50* | 84 | 4,7 | 680 | *0,27* | 83 | | | | | | |

| | | | | | | | | | | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 32100** | **645,00** | 12,90 | 50/1 | 1,1 | 1514 | 0,36 | 48 | 0,70 | 1593 | 0,25 | 47 | 0,39 | 1666 | 0,15 | 46 | | * | * | | | |
| | **510,00** | 10,20 | 50/1 | 1,4 | 1517 | 0,45 | 49 | 0,88 | 1581 | 0,31 | 47 | 0,49 | 1675 | 0,19 | 46 | | | * | | | |
| **W** | **410,00** | 8,20 | 50/1 | 1,7 | 1451 | 0,52 | 50 | 1,1 | 1508 | 0,36 | 48 | 0,61 | 1609 | 0,22 | 47 | | | * | * | * | |
| **+** | **304,00** | 6,08 | 50/1 | 2,3 | 1542 | 0,73 | 51 | 1,5 | 1611 | 0,52 | 49 | 0,82 | 1706 | 0,31 | 47 | | | * | | | |
| **IEC** | 241,50 | 4,83 | 50/1 | 2,9 | 1558 | 0,89 | 53 | 1,9 | 1621 | 0,65 | 50 | 1,0 | 1709 | 0,37 | 48 | | | * | * | * | |
| | 183,50 | 3,67 | 50/1 | 3,8 | 1505 | 1,09 | 55 | 2,5 | 1579 | 0,79 | 52 | 1,4 | 1671 | 0,50 | 49 | | | | * | * | |
| mm | 165,50 | 3,31 | 50/1 | 4,2 | 1470 | 1,18 | 55 | 2,7 | 1552 | 0,84 | 52 | 1,5 | 1642 | 0,53 | 49 | | | | * | * | |
| | 129,00 | 2,58 | 50/1 | 5,4 | 1387 | 1,35 | 58 | 3,5 | 1479 | 1,00 | 54 | 1,9 | 1564 | 0,62 | 50 | | | | * | * | * |
| ⇨ E53 | 104,00 | 2,08 | 50/1 | 6,7 | 1337 | 1,56 | 60 | 4,3 | 1420 | 1,14 | 56 | 2,4 | 1521 | 0,75 | 51 | | | | * | * | * |
| | 94,19 | 4,83 | 39/2 | 7,4 | 1437 | 1,55 | 72 | 4,8 | 1495 | 1,07 | 70 | 2,7 | 1576 | 0,66 | 68 | | | | * | * | |
| | 71,57 | 3,67 | 39/2 | 9,8 | 1345 | 1,89 | 73 | 6,3 | 1412 | 1,31 | 71 | 3,5 | 1494 | 0,79 | 69 | | | | * | * | |
| | 64,55 | 3,31 | 39/2 | 11 | 1316 | 2,05 | 74 | 7,0 | 1389 | 1,41 | 72 | 3,9 | 1469 | 0,87 | 69 | | | | * | * | |
| | 50,31 | 2,58 | 39/2 | 14 | 1242 | 2,40 | 76 | 8,9 | 1324 | 1,69 | 73 | 5 | 1400 | 1,05 | 70 | | | | | * | * |
| | 42,83 | 3,67 | 35/3 | 16 | 1213 | 2,51 | 81 | 11 | 1273 | 1,86 | 79 | 5,8 | 1347 | 1,05 | 78 | | | | | * | |
| | 38,63 | 3,31 | 35/3 | 18 | 1216 | 2,80 | 82 | 12 | 1284 | 2,02 | 80 | 6,5 | 1358 | 1,18 | 78 | | | | | * | |
| | 34,32 | 1,76 | 39/2 | 20 | 1269 | 3,41 | 78 | 13 | 1346 | 2,44 | 75 | 7,3 | 1459 | 1,55 | 72 | | | | | | * |
| | 30,11 | 2,58 | 35/3 | 23 | 1175 | 3,41 | 83 | 15 | 1252 | 2,43 | 81 | 8,3 | 1324 | 1,46 | 79 | | | | | | * |
| | 24,27 | 2,08 | 35/3 | 29 | 1166 | 4,22 | 84 | 19 | 1238 | 3,00 | 82 | 10 | 1326 | 1,76 | 79 | | | | | | * |
| | 20,54 | 1,76 | 35/3 | 34 | 978 | 4,10 | 85 | 22 | 1037 | 2,88 | 83 | 12 | 1125 | 1,77 | 80 | | | | | | * |
| | 18,97 | 3,67 | 31/6 | 37 | 712 | 3,17 | 87 | 24 | 704 | 2,06 | 86 | 13 | 688 | 1,11 | 84 | | | | | | |
| | 17,11 | 3,31 | 31/6 | 41 | 717 | 3,50 | 88 | 26 | 700 | 2,22 | 86 | 15 | 692 | 1,28 | 85 | | | | | | |
| | 16,22 | 1,39 | 35/3 | 43 | 897 | *3,75* | 86 | 28 | 968 | *2,48* | 84 | 15 | 1051 | *1,35* | 81 | | | | | | * |
| | 13,34 | 2,58 | 31/6 | 52 | 712 | *3,75* | 89 | 34 | 696 | *2,48* | 87 | 19 | 680 | *1,35* | 85 | | | | | | * |
| | 10,75 | 2,08 | 31/6 | 65 | 709 | *3,75* | 89 | 42 | 701 | *2,48* | 88 | 23 | 685 | *1,35* | 86 | | | | | | * |
| | 9,10 | 1,76 | 31/6 | 77 | 709 | *3,75* | 90 | 49 | 694 | *2,48* | 88 | 27 | 678 | *1,35* | 86 | | | | | | * |
| | 7,19 | 1,39 | 31/6 | 97 | 680 | *3,75* | 91 | 63 | 665 | *2,48* | 89 | 35 | 650 | *1,35* | 87 | | | | | | * |

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| kg | W | IEC 63 | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 |
|---|---|---|---|---|---|---|---|---|
| **SK 33100** | 68 | 69 | 70 | 73 | 73 | - | - | - |
| **SK 32100** | 66 | - | 64 | 68 | 68 | 72 | 72 | 81 |

# SK 43125
# SK 42125

NORD DRIVESYSTEMS

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ [min$^{-1}$] ($n_1$ = 1400 min$^{-1}$) | W $M_{2max}$ [Nm] $f_B = 1$ | W $P_{1max}$ [kW] $f_B \geq 1$ | W η [%] | W $n_2$ [min$^{-1}$] ($n_1$ = 930 min$^{-1}$) | W $M_{2max}$ [Nm] $f_B = 1$ | W $P_{1max}$ [kW] $f_B \geq 1$ | W η [%] | IEC $f_B$ ⇨ E4 - E20 IEC 71 | 80 | 90 | 100 | 112 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 43125** W + IEC mm ⇨ E53 | **7095,12** | 150,96 | 47/1 | 0,20 | 3000 | 0,13 | 47 | 0,13 | 3000 | 0,09 | 47 | * | * | * | | | | | |
| | **5057,67** | 107,61 | 47/1 | 0,28 | 3090 | 0,19 | 48 | 0,18 | 3222 | 0,13 | 47 | * | * | * | | | | | |
| | **3442,09** | 73,24 | 47/1 | 0,41 | 3090 | 0,28 | 48 | 0,27 | 3146 | 0,19 | 48 | * | * | * | | | | | |
| | **2526,44** | 53,75 | 47/1 | 0,55 | 3090 | 0,36 | 49 | 0,37 | 3168 | 0,26 | 48 | * | * | * | | | | | |
| | **2056,63** | 43,76 | 47/1 | 0,68 | 3090 | 0,45 | 49 | 0,45 | 3187 | 0,31 | 48 | | * | * | | | | | |
| | **1860,07** | 39,58 | 47/1 | 0,75 | 3090 | 0,50 | 49 | 0,50 | 3198 | 0,35 | 48 | | * | * | | | | | |
| | **1639,55** | 34,88 | 47/1 | 0,85 | 3090 | 0,55 | 50 | 0,57 | 3215 | 0,39 | 49 | | * | * | | | | | |
| | **1476,55** | 31,42 | 47/1 | 0,95 | 3090 | 0,61 | 50 | 0,63 | 3230 | 0,43 | 49 | | * | * | | | | | |
| | **1198,50** | 25,50 | 47/1 | 1,2 | 3090 | 0,76 | 51 | 0,78 | 3239 | 0,54 | 49 | | | * | | | | | |
| | **928,25** | 19,75 | 47/1 | 1,5 | 3090 | 0,93 | 52 | 1,0 | 3200 | 0,67 | 50 | | | * | | | | | |
| | **794,58** | 16,91 | 47/1 | 1,8 | 3090 | 1,10 | 53 | 1,2 | 3201 | 0,79 | 51 | | | * | | | | | |
| | **689,67** | 30,65 | 45/2 | 2,0 | 2830 | 0,87 | 68 | 1,3 | 2962 | 0,60 | 67 | | | * | | | | | |
| | **607,91** | 27,02 | 45/2 | 2,3 | 2670 | 0,95 | 68 | 1,5 | 2805 | 0,66 | 67 | | | * | | | | | |
| | **547,47** | 24,33 | 45/2 | 2,6 | 3090 | 1,22 | 69 | 1,7 | 3233 | 0,86 | 67 | | | * | | | | | |
| | **444,38** | 19,75 | 45/2 | 3,2 | 2990 | 1,45 | 69 | 2,1 | 3022 | 0,98 | 68 | | | * | | | | | |
| | **380,39** | 16,91 | 45/2 | 3,7 | 2610 | 1,44 | 70 | 2,4 | 2625 | 0,96 | 69 | | | * | | | | | |
| | **323,51** | 14,38 | 45/2 | 4,3 | 2400 | 1,52 | 71 | 2,9 | 2332 | 1,03 | 69 | | | | | | | | |
| | 269,76 | 11,99 | 45/2 | 5,2 | 2810 | 2,13 | 72 | 3,4 | 2926 | 1,49 | 70 | | | | * | * | | | |
| | 236,58 | 10,51 | 45/2 | 5,9 | 2810 | 2,38 | 73 | 3,9 | 2918 | 1,70 | 70 | | | | * | * | | | |
| | 187,80 | 8,35 | 45/2 | 7,5 | 2590 | 2,75 | 74 | 5,0 | 2694 | 1,96 | 72 | | | | * | * | | | |
| | 152,44 | 6,78 | 45/2 | 9,2 | 2590 | 3,28 | 76 | 6,1 | 2721 | 2,38 | 73 | | | | | * | | | |
| | 130,49 | 5,80 | 45/2 | 11 | 2480 | 3,71 | 77 | 7,1 | 2631 | 2,64 | 74 | | | | | * | | | |
| | 110,97 | 4,93 | 45/2 | 13 | 2370 | 4,00 | 78 | 8,4 | 2514 | 2,64 | 75 | | | | | | | | |
| | 86,22 | 8,35 | 31/3 | 16 | 1760 | 3,55 | 83 | 11 | 1830 | 2,60 | 81 | | | | | * | | | |
| | 69,99 | 6,78 | 31/3 | 20 | 1560 | 3,89 | 84 | 13 | 1639 | 2,72 | 82 | | | | | * | | | |
| | 62,50 | 6,05 | 31/3 | 22 | 1570 | 4,00 | 85 | 15 | 1661 | 2,64 | 83 | | | | | | | | |

| | | | | | | | | | | | | IEC 71 | 80 | 90 | 100 | 112 | 132 | 160 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 42125** W + IEC mm ⇨ E54 | **695,60** | 14,80 | 47/1 | 2,0 | 2850 | 1,11 | 54 | 1,3 | 2968 | 0,79 | 51 | | | * | | | | | |
| | **495,85** | 10,55 | 47/1 | 2,8 | 2850 | 1,49 | 56 | 1,9 | 2960 | 1,11 | 53 | | | * | * | * | | | |
| | **337,46** | 7,18 | 47/1 | 4,1 | 2850 | 2,07 | 59 | 2,8 | 2985 | 1,56 | 56 | | | | * | * | * | | |
| | **247,69** | 5,27 | 47/1 | 5,7 | 2760 | 2,66 | 62 | 3,8 | 2932 | 2,01 | 58 | | | | | | * | | |
| | 201,63 | 4,29 | 47/1 | 6,9 | 2630 | 2,92 | 65 | 4,6 | 2781 | 2,23 | 60 | | | | * | * | * | | |
| | 182,36 | 3,88 | 47/1 | 7,7 | 2560 | 3,13 | 66 | 5,1 | 2700 | 2,36 | 61 | | | | | * | * | | |
| | 160,74 | 3,42 | 47/1 | 8,7 | 2470 | 3,36 | 67 | 5,8 | 2615 | 2,52 | 63 | | | | | * | * | | |
| | 144,76 | 3,08 | 47/1 | 9,7 | 2390 | 3,57 | 68 | 6,4 | 2549 | 2,67 | 64 | | | | | * | * | * | |
| | 117,50 | 2,50 | 47/1 | 12 | 2240 | 3,96 | 71 | 7,9 | 2419 | 3,03 | 66 | | | | | * | * | * | |
| | 100,58 | 2,14 | 47/1 | 14 | 2130 | 4,34 | 72 | 9,2 | 2319 | 3,29 | 68 | | | | | | * | * | |
| | 87,30 | 3,88 | 45/2 | 16 | 2360 | 4,94 | 80 | 11 | 2489 | 3,72 | 77 | | | | | | * | | |
| | 76,95 | 3,42 | 45/2 | 18 | 2290 | 5,33 | 81 | 12 | 2424 | 3,90 | 78 | | | | | | * | | |
| | 69,30 | 3,08 | 45/2 | 20 | 2220 | 5,74 | 81 | 13 | 2368 | 4,13 | 78 | | | | | | * | * | |
| | 56,25 | 2,50 | 45/2 | 25 | 2060 | 6,50 | 83 | 17 | 2225 | 4,95 | 80 | | | | | | * | * | |
| | 48,15 | 2,14 | 45/2 | 29 | 1960 | 7,09 | 84 | 19 | 2134 | 5,24 | 81 | | | | | | * | * | |
| | 40,95 | 1,82 | 45/2 | 34 | 1840 | 7,71 | 85 | 23 | 2024 | 5,94 | 82 | | | | | | * | * | |
| | 35,33 | 3,42 | 31/3 | 40 | 1600 | 7,62 | 88 | 26 | 1694 | 5,36 | 86 | | | | | | * | | |
| | 31,82 | 3,08 | 31/3 | 44 | 1840 | 9,63 | 88 | 29 | 1962 | 6,93 | 86 | | | | | | | * | |
| | 25,83 | 2,50 | 31/3 | 54 | 1710 | 10,86 | 89 | 36 | 1847 | 8,00 | 87 | | | | | | | * | |
| | 22,11 | 2,14 | 31/3 | 63 | 1610 | 11,80 | 90 | 42 | 1753 | 8,76 | 88 | | | | | | | * | |
| | 18,80 | 1,82 | 31/3 | 74 | 1510 | 13,0 | 90 | 49 | 1661 | 9,58 | 89 | | | | | | | * | |
| | 15,92 | 3,08 | 31/6 | 88 | 1240 | 12,42 | 92 | 58 | 1300 | 8,77 | 90 | | | | | | | * | |
| | 14,57 | 1,41 | 31/3 | 96 | 1340 | 14,80 | 91 | 64 | 1506 | 11,21 | 90 | | | | | | | * | |
| | 12,93 | 2,50 | 31/6 | 108 | 1240 | *15,0* | 92 | 72 | 1314 | *9,90* | 91 | | | | | | | | |
| | 11,06 | 2,14 | 31/6 | 127 | 1240 | *15,0* | 93 | 84 | 1297 | *9,90* | 92 | | | | | | | | |
| | 9,41 | 1,82 | 31/6 | 149 | 1140 | *15,0* | 93 | 99 | 1254 | *9,90* | 92 | | | | | | | | |
| | 8,43 | 1,63 | 31/6 | 166 | 1140 | *15,0* | 93 | 110 | 1234 | *9,90* | 92 | | | | | | | | |
| | 7,76 | 1,50 | 31/6 | 180 | 1010 | *15,0* | 93 | 120 | 1129 | *9,90* | 93 | | | | | | | | |
| | 7,29 | 1,41 | 31/6 | 192 | 940 | *15,0* | 93 | 128 | 1057 | *9,90* | 93 | | | | | | | | |

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| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|---|---|
| **SK 43125** | 123 | 121 | 125 | 125 | 129 | 129 | - | - |
| **SK 42125** | 116 | - | - | 111 | 118 | 118 | 132 | 142 |

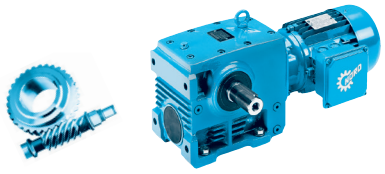
# SK 43125
# SK 42125

| | $i_{ges}$ | i1 | z2/z1 | W $n_2$ | $M_{2max}$ | $P_{1max}$ | η | W $n_2$ | $M_{2max}$ | $P_{1max}$ | η | W $n_2$ | $M_{2max}$ | $P_{1max}$ | η | IEC $f_B$ ⇨ E4 - E20 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | $f_B = 1$ | $f_B \geq 1$ | | | | | | | |
| | | | | $n_1$ = 700 min$^{-1}$ | | | | $n_1$ = 450 min$^{-1}$ | | | | $n_1$ = 250 min$^{-1}$ | | | | IEC | | | | |
| | | | | [min$^{-1}$] | [Nm] | [kW] | [%] | [min$^{-1}$] | [Nm] | [kW] | [%] | [min$^{-1}$] | [Nm] | [kW] | [%] | 71 | 80 | 90 | 100 | 112 |
| **SK 43125** | **7095,12** | 150,96 | 47/1 | 0,10 | 3000 | 0,07 | 47 | 0,06 | 3000 | 0,04 | 47 | 0,04 | 3000 | 0,03 | 47 | * | * | * | | |
| | **5057,67** | 107,61 | 47/1 | 0,14 | 3388 | 0,11 | 47 | 0,09 | 3569 | 0,07 | 47 | 0,05 | 3714 | 0,04 | 47 | * | * | * | | |
| **W** | **3442,09** | 73,24 | 47/1 | 0,2 | 3204 | 0,14 | 47 | 0,13 | 3475 | 0,10 | 47 | 0,07 | 3691 | 0,06 | 47 | * | * | * | | |
| **+** | **2526,44** | 53,75 | 47/1 | 0,28 | 3206 | 0,20 | 48 | 0,18 | 3364 | 0,13 | 47 | 0,10 | 3665 | 0,08 | 47 | | * | * | | |
| **IEC** | **2056,63** | 43,76 | 47/1 | 0,34 | 3235 | 0,24 | 48 | 0,22 | 3286 | 0,16 | 47 | 0,12 | 3641 | 0,10 | 47 | | * | * | | |
| | **1860,07** | 39,58 | 47/1 | 0,38 | 3252 | 0,27 | 48 | 0,24 | 3309 | 0,18 | 47 | 0,13 | 3628 | 0,11 | 47 | | * | * | | |
| mm | **1639,55** | 34,88 | 47/1 | 0,43 | 3276 | 0,31 | 48 | 0,27 | 3342 | 0,20 | 48 | 0,15 | 3608 | 0,12 | 47 | | * | * | | |
| | **1476,55** | 31,42 | 47/1 | 0,47 | 3299 | 0,34 | 48 | 0,3 | 3374 | 0,22 | 48 | 0,17 | 3589 | 0,14 | 47 | | * | * | | |
| ⇨ E53 | **1198,50** | 25,50 | 47/1 | 0,58 | 3325 | 0,41 | 49 | 0,38 | 3420 | 0,28 | 48 | 0,21 | 3380 | 0,16 | 47 | | * | * | | |
| | **928,25** | 19,75 | 47/1 | 0,75 | 3315 | 0,53 | 49 | 0,48 | 3439 | 0,36 | 48 | 0,27 | 3538 | 0,21 | 48 | | | * | | |
| | **794,58** | 16,91 | 47/1 | 0,88 | 3306 | 0,61 | 50 | 0,57 | 3453 | 0,42 | 49 | 0,31 | 3571 | 0,24 | 48 | | | * | | |
| | **689,67** | 30,65 | 45/2 | 1,0 | 3027 | 0,48 | 66 | 0,65 | 3097 | 0,32 | 66 | 0,36 | 3282 | 0,19 | 65 | | | * | | |
| | **607,91** | 27,02 | 45/2 | 1,2 | 2875 | 0,54 | 67 | 0,74 | 2952 | 0,35 | 66 | 0,41 | 3063 | 0,20 | 65 | | | * | | |
| | **547,47** | 24,33 | 45/2 | 1,3 | 3324 | 0,68 | 67 | 0,82 | 3396 | 0,44 | 66 | 0,46 | 3396 | 0,25 | 66 | | | * | | |
| | **444,38** | 19,75 | 45/2 | 1,6 | 2977 | 0,74 | 67 | 1,2 | 2933 | 0,47 | 66 | 0,56 | 2933 | 0,26 | 66 | | | * | | |
| | **380,39** | 16,91 | 45/2 | 1,8 | 2587 | 0,72 | 68 | 1,2 | 2549 | 0,48 | 67 | 0,66 | 2511 | 0,26 | 66 | | | * | | |
| | **323,51** | 14,38 | 45/2 | 2,2 | 2298 | 0,78 | 68 | 1,4 | 2265 | 0,50 | 67 | 0,77 | 2231 | 0,27 | 66 | | | * | | |
| | 269,76 | 11,99 | 45/2 | 2,6 | 2998 | 1,18 | 69 | 1,7 | 3146 | 0,84 | 67 | 0,93 | 3302 | 0,49 | 66 | | | | * | * |
| | 236,58 | 10,51 | 45/2 | 3,0 | 3001 | 1,37 | 69 | 1,9 | 3132 | 0,92 | 68 | 1,1 | 3312 | 0,58 | 66 | | | | * | * |
| | 187,80 | 8,35 | 45/2 | 3,7 | 2772 | 1,53 | 70 | 2,4 | 2880 | 1,06 | 68 | 1,3 | 3073 | 0,62 | 67 | | | | * | * |
| | 152,44 | 6,78 | 45/2 | 4,6 | 2786 | 1,89 | 71 | 3,2 | 2916 | 1,33 | 69 | 1,6 | 3096 | 0,77 | 67 | | | | * | * |
| | 130,49 | 5,80 | 45/2 | 5,4 | 2705 | 2,12 | 72 | 3,4 | 2824 | 1,44 | 70 | 1,9 | 2986 | 0,87 | 68 | | | | | * |
| | 110,97 | 4,93 | 45/2 | 6,3 | 2599 | 2,00 | 73 | 4,1 | 2706 | 1,32 | 71 | 2,3 | 2849 | 0,72 | 68 | | | | | * |
| | 86,22 | 8,35 | 31/3 | 8,1 | 1884 | 2,00 | 80 | 5,2 | 1866 | 1,29 | 79 | 2,9 | 1842 | 0,72 | 78 | | | | | * |
| | 69,99 | 6,78 | 31/3 | 10 | 1678 | 2,17 | 81 | 6,4 | 1756 | 1,47 | 80 | 3,6 | 1810 | 0,87 | 78 | | | | | * |
| | 62,50 | 6,05 | 31/3 | 11 | 1705 | 2,00 | 82 | 7,2 | 1782 | 1,32 | 80 | 4,0 | 1810 | 0,72 | 78 | | | | | * |

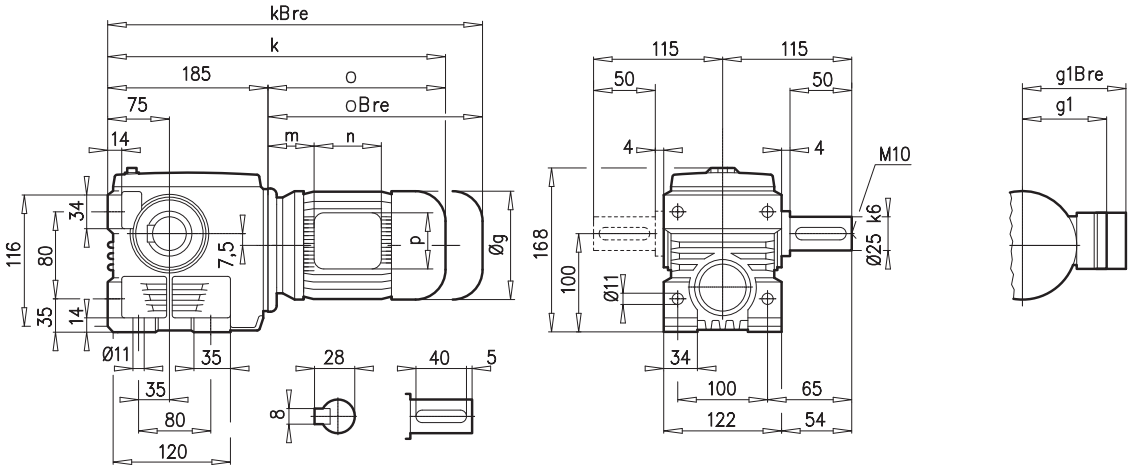
| | | | | | | | | | | | | | | | | IEC | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | 90 | 100 | 112 | 132 | 160 |
| **SK 42125** | **695,60** | 14,80 | 47/1 | 1 | 3041 | 0,64 | 50 | 0,65 | 3068 | 0,43 | 49 | 0,36 | 3005 | 0,24 | 48 | * | | | | |
| | **495,85** | 10,55 | 47/1 | 1,4 | 3044 | 0,86 | 52 | 0,91 | 3177 | 0,61 | 50 | 0,5 | 3359 | 0,37 | 48 | * | * | * | | |
| **W** | **337,46** | 7,18 | 47/1 | 2,1 | 3056 | 1,24 | 54 | 1,3 | 3196 | 0,85 | 51 | 0,74 | 3399 | 0,54 | 49 | | * | * | * | |
| **+** | **247,69** | 5,27 | 47/1 | 2,8 | 3023 | 1,58 | 56 | 1,8 | 3152 | 1,12 | 53 | 1 | 3322 | 0,7 | 50 | | | | * | |
| **IEC** | 201,63 | 4,29 | 47/1 | 3,5 | 2891 | 1,83 | 58 | 2,2 | 3010 | 1,28 | 54 | 1,2 | 3186 | 0,78 | 51 | | | * | * | |
| | 182,36 | 3,88 | 47/1 | 3,8 | 2820 | 1,9 | 59 | 2,5 | 2950 | 1,4 | 55 | 1,4 | 3122 | 0,88 | 52 | | | * | * | |
| mm | 160,74 | 3,42 | 47/1 | 4,4 | 2729 | 2,1 | 60 | 2,8 | 2874 | 1,5 | 56 | 1,6 | 3041 | 0,98 | 52 | | | | * | |
| | 144,76 | 3,08 | 47/1 | 4,8 | 2648 | 2,18 | 61 | 3,1 | 2807 | 1,6 | 57 | 1,7 | 2970 | 1 | 53 | | | | * | * |
| ⇨ E54 | 117,50 | 2,50 | 47/1 | 6 | 2513 | 2,51 | 63 | 3,8 | 2678 | 1,81 | 59 | 2,1 | 2831 | 1,15 | 54 | | | | * | * |
| | 100,58 | 2,14 | 47/1 | 7 | 2427 | 2,74 | 65 | 4,5 | 2579 | 2,03 | 60 | 2,5 | 2756 | 1,31 | 55 | | | | * | * |
| | 87,30 | 3,88 | 45/2 | 8 | 2599 | 2,9 | 75 | 5,2 | 2720 | 2,06 | 72 | 2,9 | 2878 | 1,27 | 69 | | | | * | |
| | 76,95 | 3,42 | 45/2 | 9,1 | 2530 | 3,21 | 75 | 5,8 | 2665 | 2,22 | 73 | 3,2 | 2820 | 1,35 | 70 | | | | * | |
| | 69,30 | 3,08 | 45/2 | 10 | 2459 | 3,39 | 76 | 6,5 | 2608 | 2,43 | 73 | 3,6 | 2759 | 1,49 | 70 | | | | * | * |
| | 56,25 | 2,50 | 45/2 | 12 | 2311 | 3,72 | 78 | 8 | 2462 | 2,75 | 75 | 4,4 | 2604 | 1,69 | 71 | | | | * | * |
| | 48,15 | 2,14 | 45/2 | 15 | 2233 | 4,44 | 79 | 9,3 | 2373 | 3,04 | 76 | 5,2 | 2536 | 1,92 | 72 | | | | * | * |
| | 40,95 | 1,82 | 45/2 | 17 | 2136 | 4,75 | 80 | 11 | 2263 | 3,39 | 77 | 6,1 | 2450 | 2,14 | 73 | | | | | * |
| | 35,33 | 3,42 | 31/3 | 20 | 1767 | 4,41 | 84 | 13 | 1862 | 3,09 | 82 | 7,1 | 1904 | 1,77 | 80 | | | | | |
| | 31,82 | 3,08 | 31/3 | 22 | 2008 | 5,44 | 85 | 14 | 1960 | 3,46 | 83 | 7,9 | 1890 | 1,95 | 80 | | | | | * |
| | 25,83 | 2,50 | 31/3 | 27 | 1918 | 6,31 | 86 | 17 | 1949 | 4,13 | 84 | 9,7 | 1880 | 2,36 | 81 | | | | | * |
| | 22,11 | 2,14 | 31/3 | 32 | 1834 | 7,06 | 87 | 20 | 1917 | 4,78 | 84 | 11 | 1872 | 2,63 | 82 | | | | | * |
| | 18,80 | 1,82 | 31/3 | 37 | 1753 | 7,81 | 87 | 24 | 1857 | 5,49 | 85 | 13 | 1829 | 3,04 | 82 | | | | | * |
| | 15,92 | 3,08 | 31/6 | 44 | 1285 | 6,65 | 89 | 28 | 1271 | 4,23 | 88 | 16 | 1242 | 2,42 | 86 | | | | | * |
| | 14,57 | 1,41 | 31/3 | 48 | 1599 | 9,03 | 89 | 31 | 1725 | 6,44 | 87 | 17 | 1801 | 3,82 | 84 | | | | | * |
| | 12,93 | 2,50 | 31/6 | 54 | 1300 | *7,5* | 90 | 35 | 1271 | *4,95* | 88 | 19 | 1242 | *2,70* | 86 | | | | | * |
| | 11,06 | 2,14 | 31/6 | 63 | 1283 | *7,5* | 91 | 41 | 1255 | *4,95* | 89 | 23 | 1226 | *2,70* | 87 | | | | | * |
| | 9,41 | 1,82 | 31/6 | 74 | 1251 | *7,5* | 91 | 48 | 1238 | *4,95* | 90 | 27 | 1196 | *2,70* | 87 | | | | | * |
| | 8,43 | 1,63 | 31/6 | 83 | 1220 | *7,5* | 91 | 53 | 1207 | *4,95* | 90 | 30 | 1180 | *2,70* | 88 | | | | | * |
| | 7,76 | 1,50 | 31/6 | 90 | 1196 | *7,5* | 92 | 58 | 1207 | *4,95* | 90 | 32 | 1180 | *2,70* | 88 | | | | | |
| | 7,29 | 1,41 | 31/6 | 96 | 1122 | *7,5* | 92 | 62 | 1189 | *4,95* | 91 | 34 | 1150 | *2,70* | 88 | | | | | |

* ⇨ A63

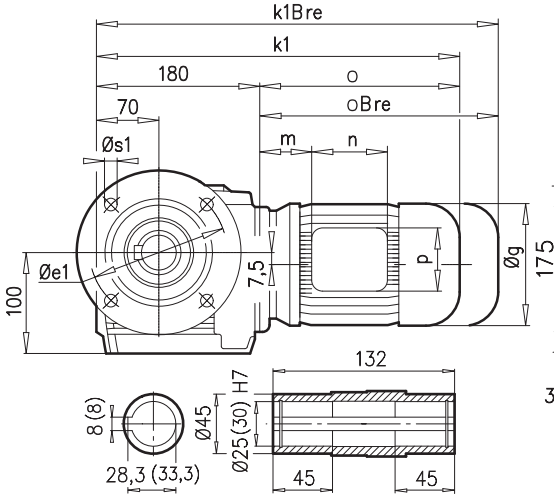
| kg | W | IEC 71 | IEC 80 | IEC 90 | IEC 100 | IEC 112 | IEC 132 | IEC 160 |
|---|---|---|---|---|---|---|---|---|
| **SK 43125** | 123 | 121 | 125 | 125 | 129 | 129 | - | - |
| **SK 42125** | 116 | - | - | 111 | 118 | 118 | 132 | 142 |

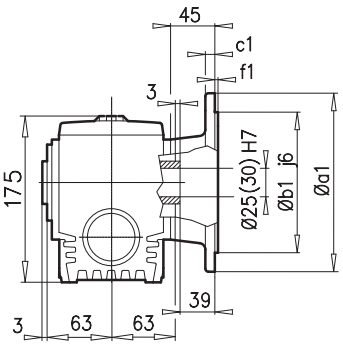


## SK 02050



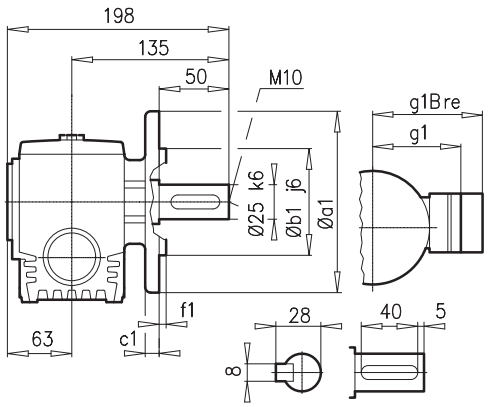

## SK 02050AF



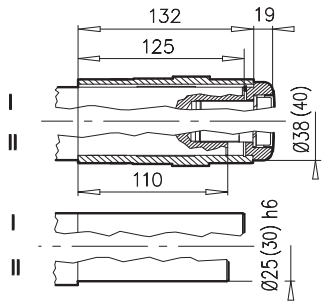

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 02050VF



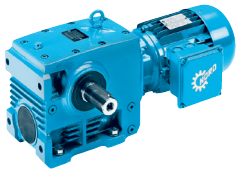

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 4 | 4 x 9 |

## SK 02050AFB



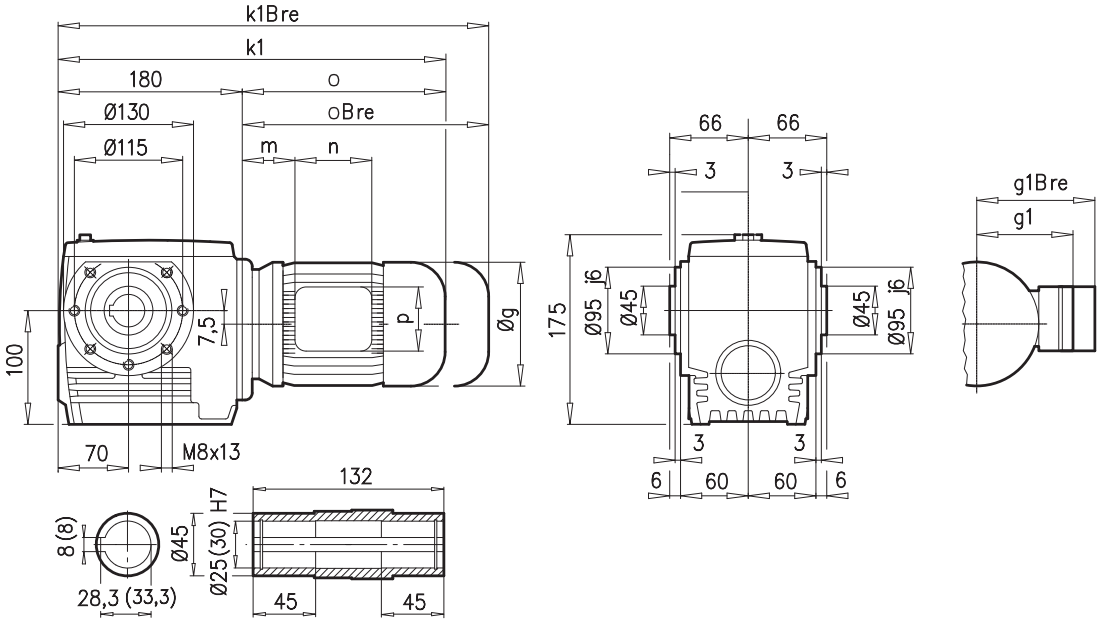

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | | |
| k / kBre | 381 / 437 | 421 / 479 | 446 / 510 | 446 / 510 | 487 / 562 | | | |
| k1 / k1Bre | 376 / 432 | 416 / 474 | 441 / 505 | 441 / 505 | 482 / 557 | | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

📖F52

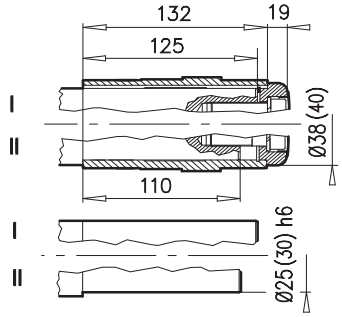


# SK 02050

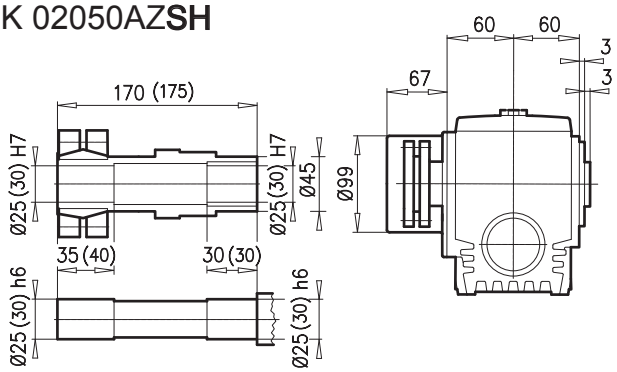
## SK 02050AZ



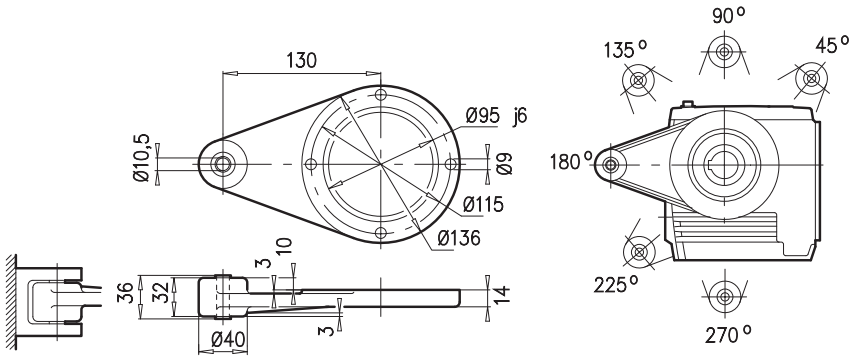

## SK 02050AZB




## SK 02050AZSH

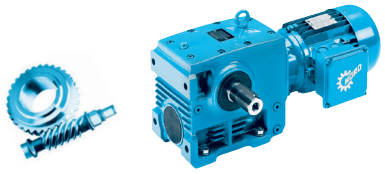



## SK 02050AZD

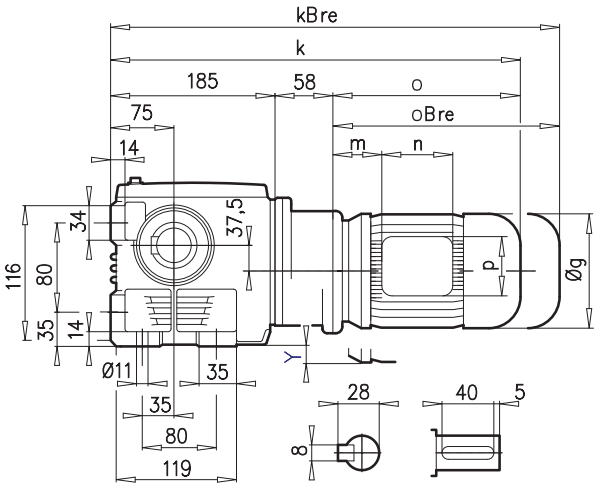


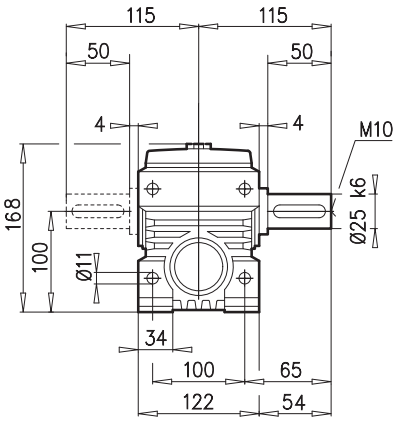

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | | |
| k1 / k1Bre | 376 / 432 | 416 / 474 | 441 / 505 | 441 / 505 | 482 / 557 | | | |
| o / oBre | 196 / 252 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

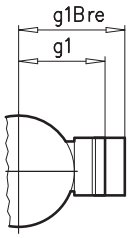
📖F52



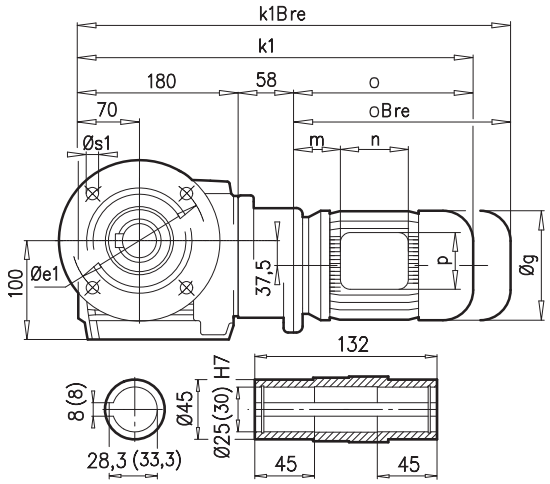
## SK 13050

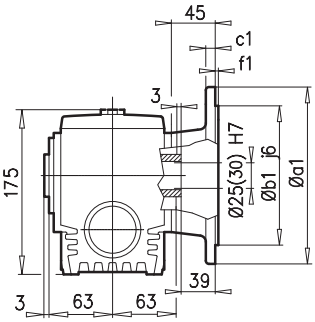


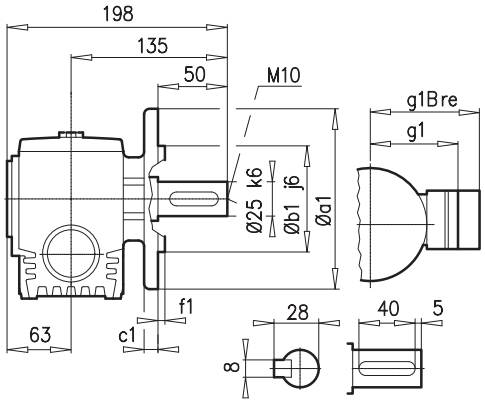

## SK 13050AF



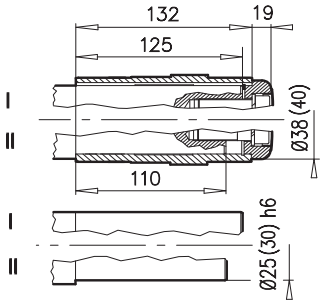

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 13050VF



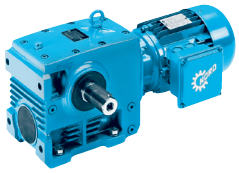

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 160 | 110 | 10 | 130 | 4 | 4 x 9 |

## SK 13050AFB



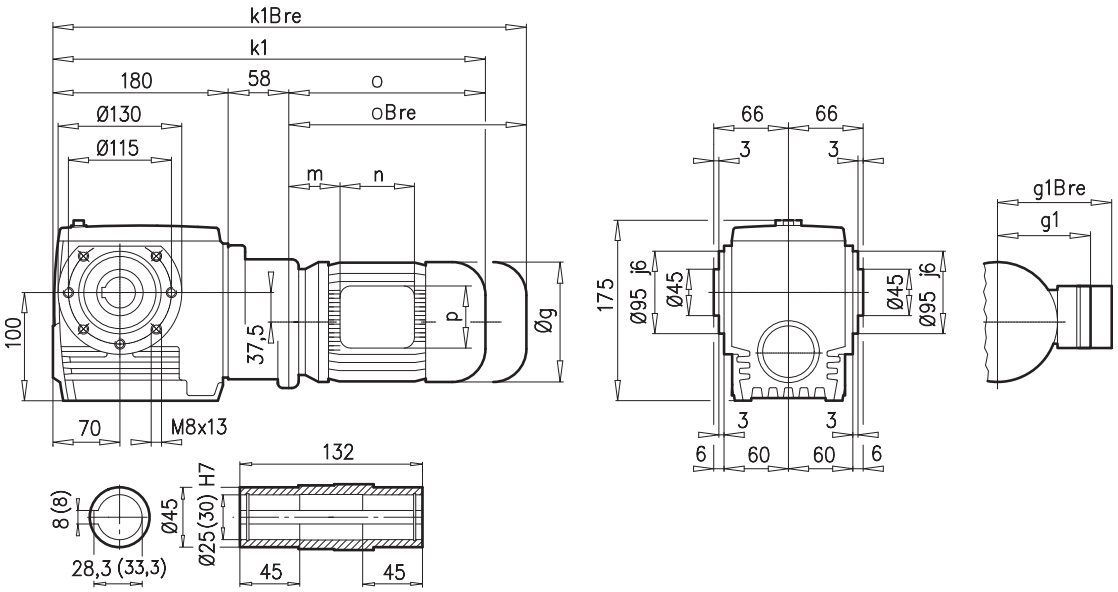

| ± ⇨📖A61 | 63 S | 71 S | | | | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | | |
| k / kBre | 439 / 495 | 479 / 537 | | | | | | |
| k1 / k1Bre | 434 / 490 | 474 / 532 | | | | | | |
| o / oBre | 192 / 248 | 236 / 294 | | | | | | |
| m / mBre | 16 / 22 | 42 / 43 | | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | | |

📖F52

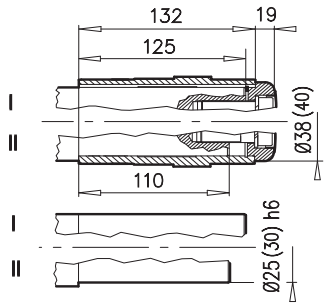


# SK 13050

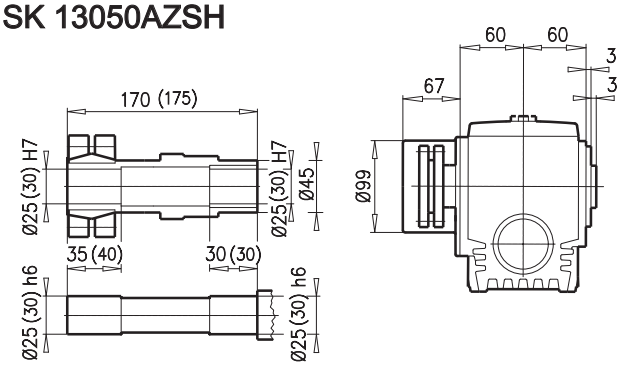
## SK 13050AZ



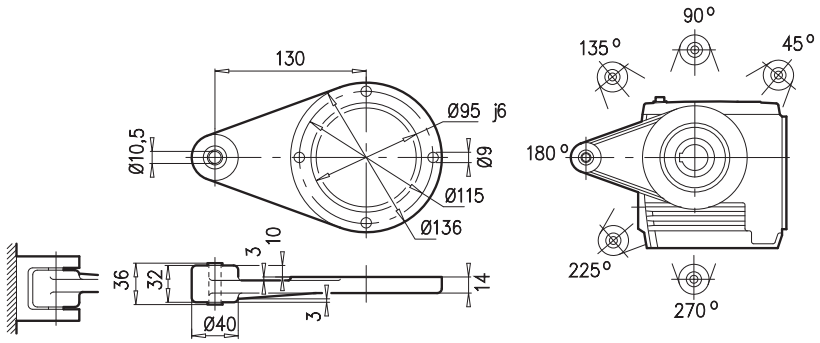

## SK 13050AZB




## SK 13050AZSH

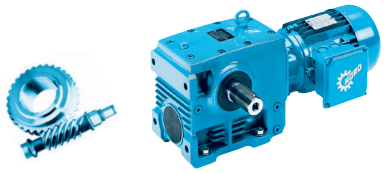



## SK 13050AZD

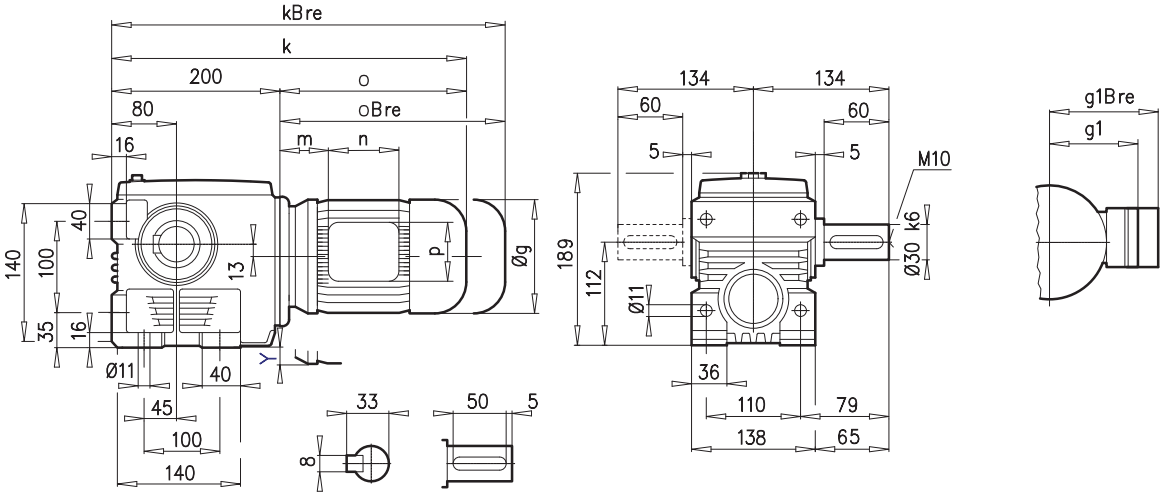



| ± ⇨📖A61 | 63 S | 71 S | | | | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | | |
| k1 / k1Bre | 434 / 490 | 474 / 532 | | | | | | |
| o / oBre | 192 / 248 | 236 / 294 | | | | | | |
| m / mBre | 16 / 22 | 42 / 43 | | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | | |

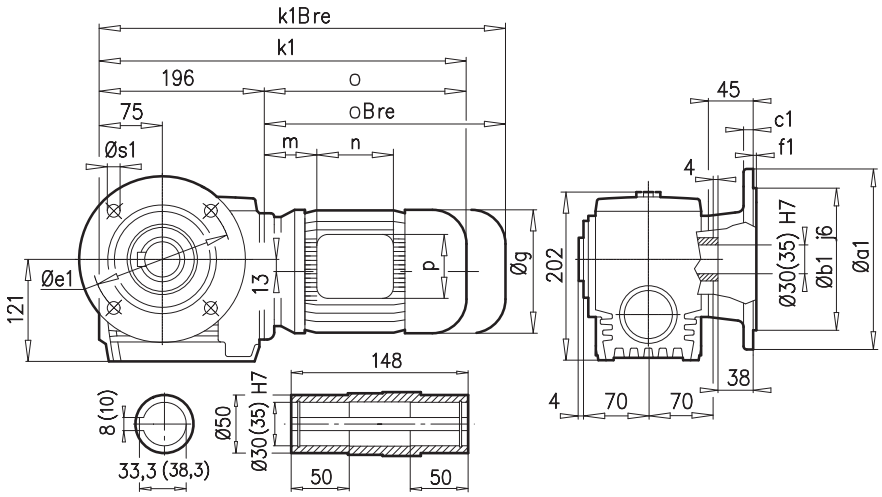
📖F52



## SK 12063

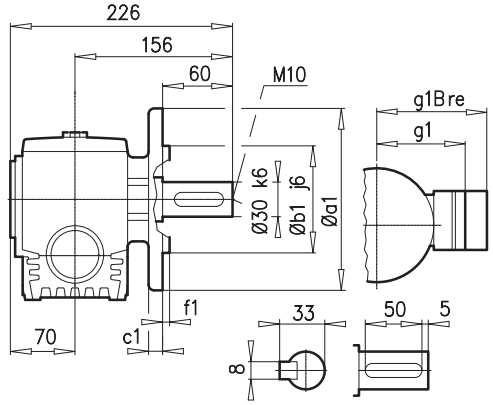



## SK 12063AF



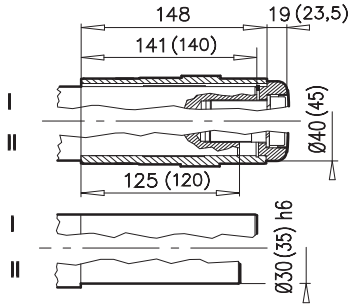

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 12063VF



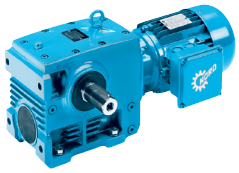

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4,0 | 4 x 11 |

## SK 12063AFB

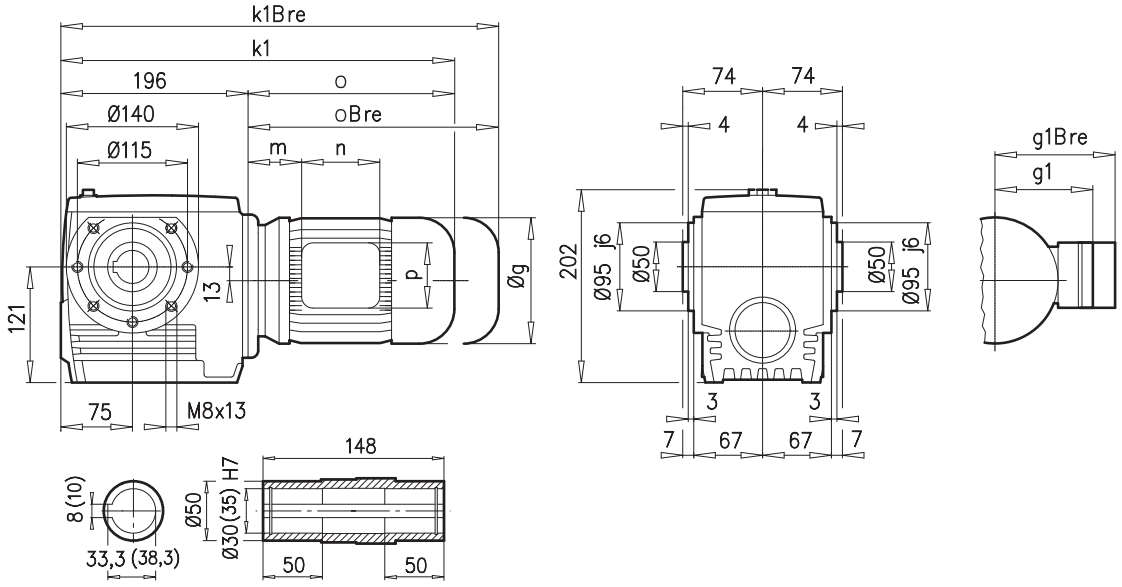



| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | | |
| k / kBre | 396 / 452 | 436 / 494 | 461 / 525 | 461 / 525 | 502 / 577 | 532 / 623 | | |
| k1 / k1Bre | 392 / 448 | 432 / 490 | 457 / 521 | 457 / 521 | 498 / 573 | 528 / 619 | | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |

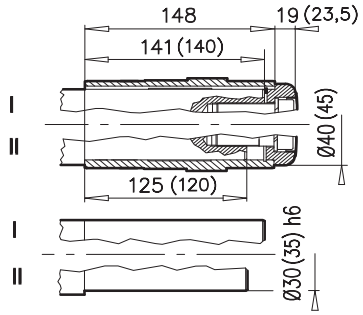
📖F52



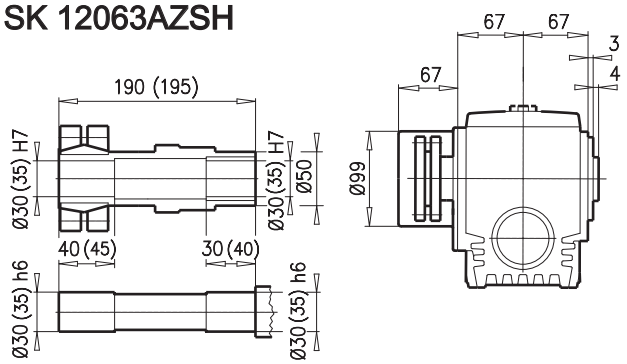
## SK 12063AZ



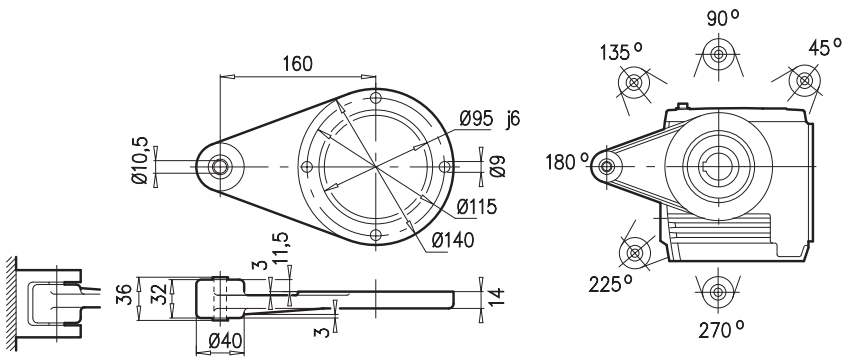

## SK 12063AZB




## SK 12063AZSH

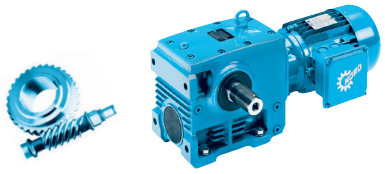



## SK 12063AZD

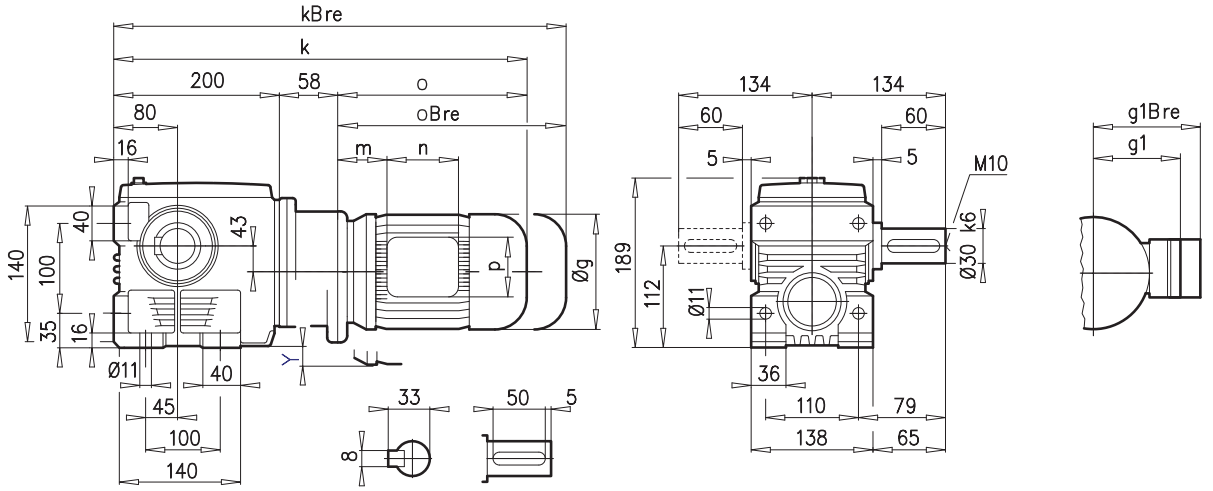



| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | | |
| k1 / k1Bre | 392 / 448 | 432 / 490 | 457 / 521 | 457 / 521 | 498 / 573 | 528 / 619 | | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |

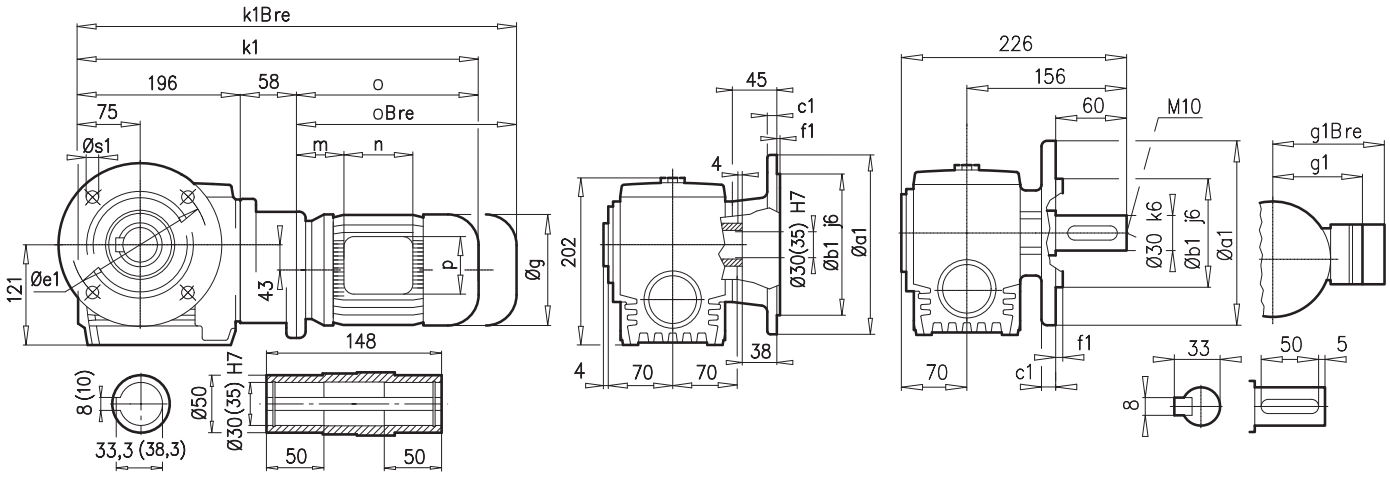
📖F52



## SK 13063




## SK 13063AF



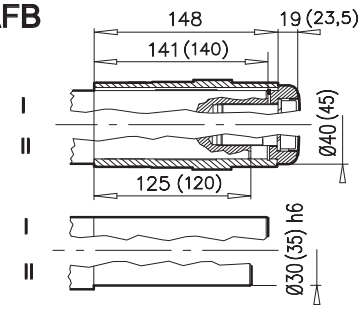

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 3,5 | 4 x 11 |

## SK 13063VF



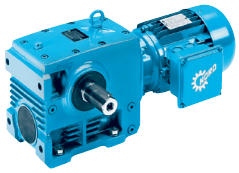

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4,0 | 4 x 11 |

## SK 13063AFB



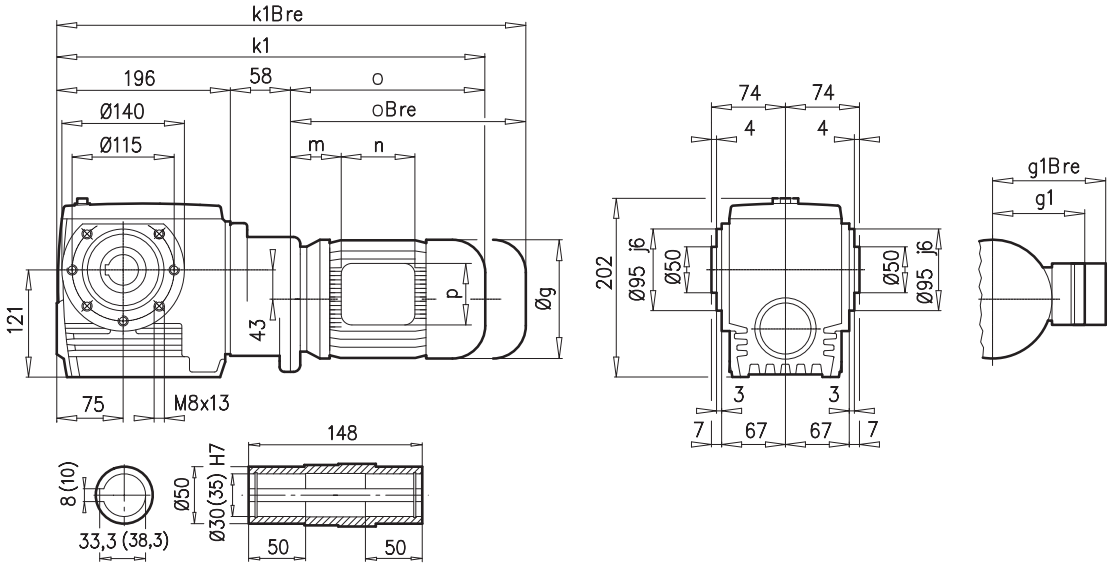

| ± ⇨📖A61 | 63 S/L | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | | | | | | | |
| g1 / g1Bre | 115 / 123 | | | | | | | |
| k / kBre | 454 / 510 | | | | | | | |
| k1 / k1Bre | 450 / 506 | | | | | | | |
| o / oBre | 192 / 248 | | | | | | | |
| m / mBre | 16 / 22 | | | | | | | |
| n / nBre | 100 / 134 | | | | | | | |
| p / pBre | 100 / 89 | | | | | | | |

📖F52

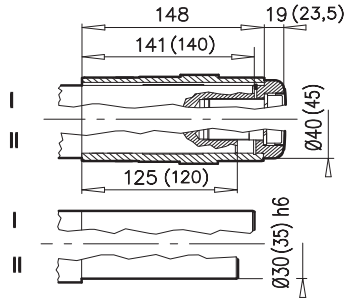


# SK 13063

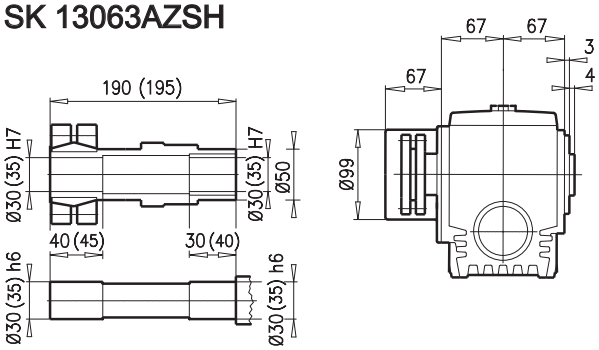
## SK 13063AZ



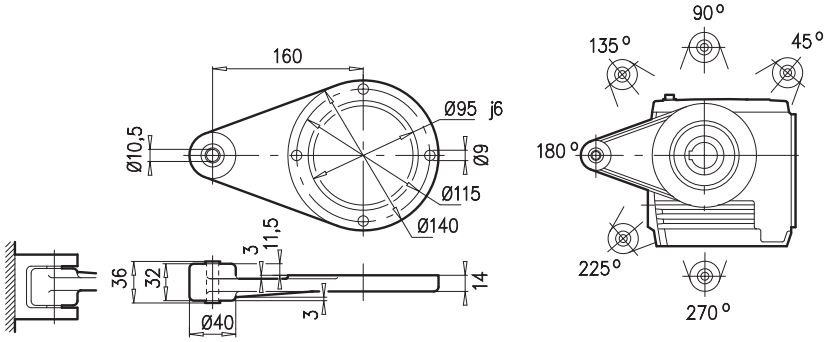

## SK 13063AZB




## SK 13063AZSH

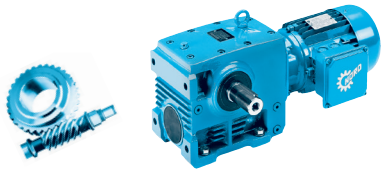



## SK 13063AZD

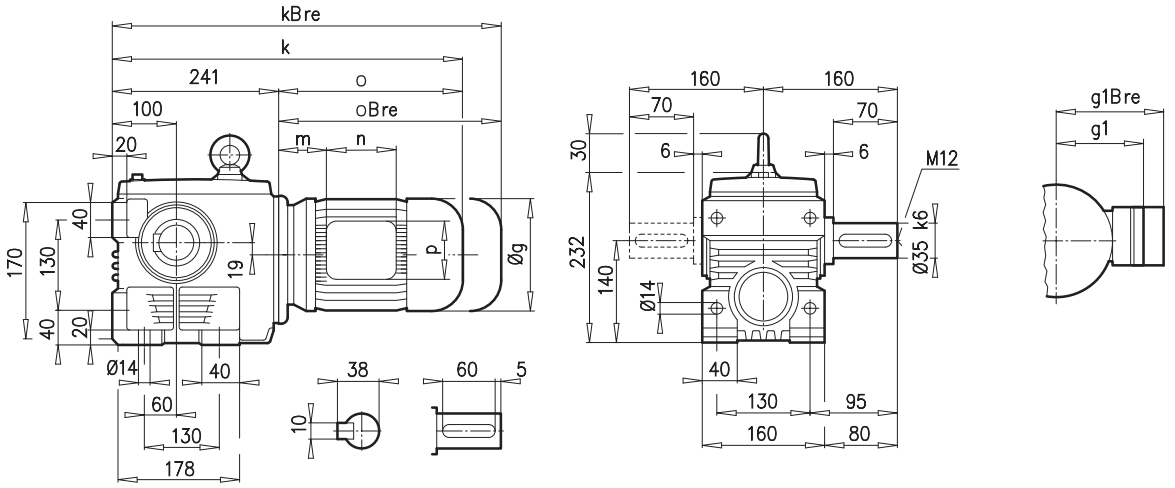



| ± ⇨📖A61 | 63 S/L | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| g | 130 | | | | | | | | |
| g1 / g1Bre | 115 / 123 | | | | | | | | |
| k1 / k1Bre | 450 / 506 | | | | | | | | |
| o / oBre | 192 / 248 | | | | | | | | |
| m / mBre | 16 / 22 | | | | | | | | |
| n / nBre | 100 / 134 | | | | | | | | |
| p / pBre | 100 / 89 | | | | | | | | |

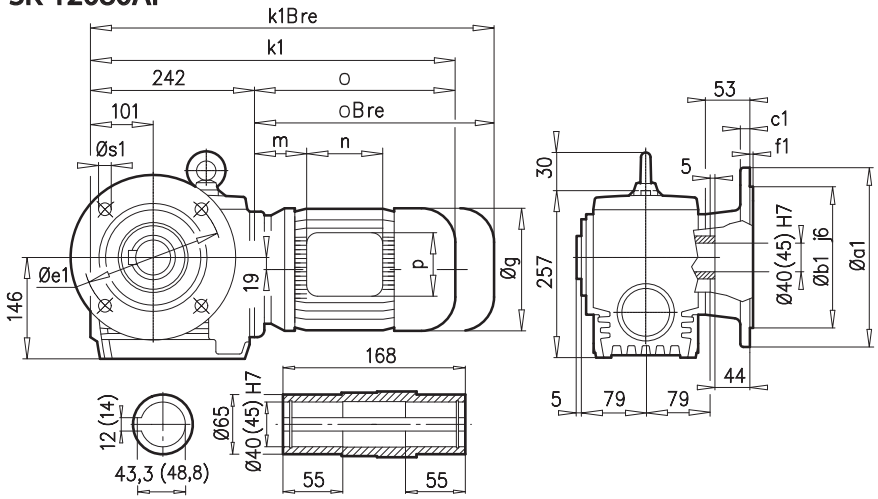
📖F52



## SK 12080

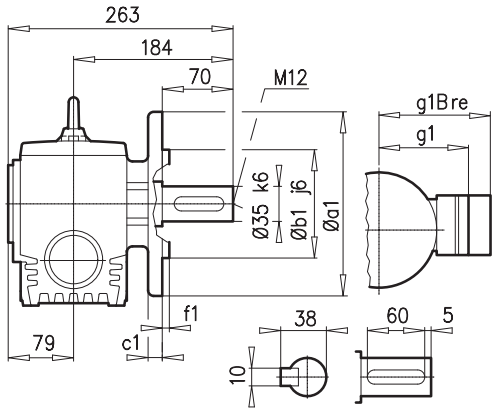



## SK 12080AF



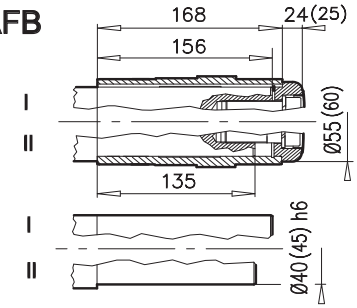

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4,0 | 4 x 14 |
| 300 | 230 | 20 | 265 | 4,0 | 4 x 14 |

## SK 12080VF



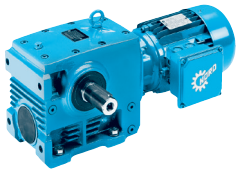

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4,0 | 4 x 11 |

## SK 12080AFB



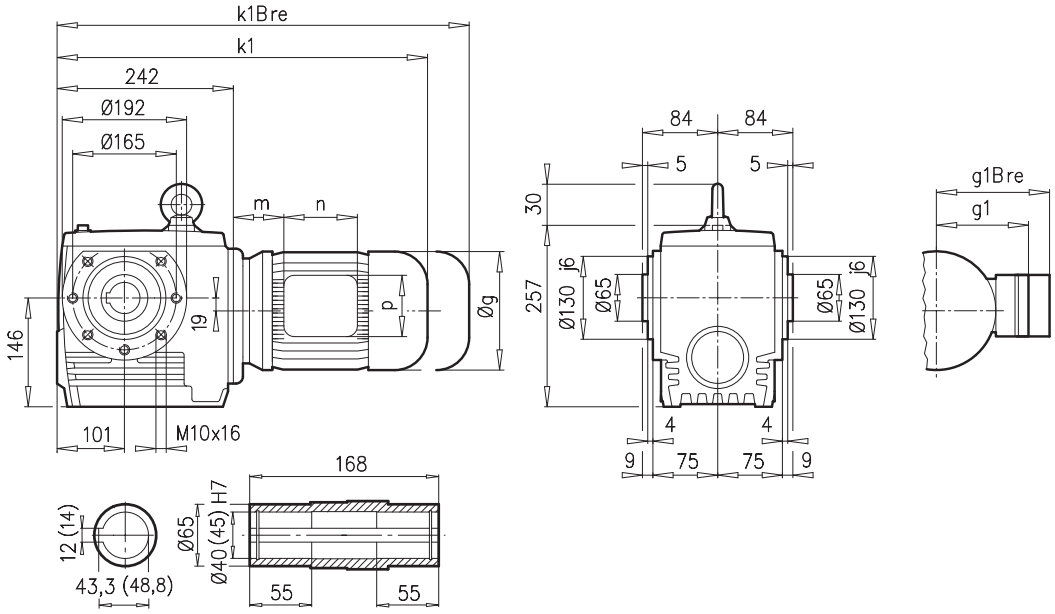

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| k / kBre | 437 / 493 | 477 / 535 | 502 / 566 | 502 / 566 | 543 / 618 | 573 / 664 | 621 / 714 | |
| k1 / k1Bre | 438 / 494 | 478 / 536 | 503 / 567 | 503 / 567 | 544 / 619 | 574 / 665 | 622 / 715 | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 74 / 78 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

📖F52

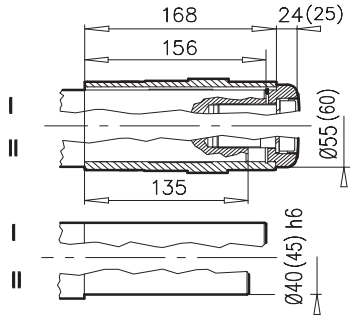


# SK 12080

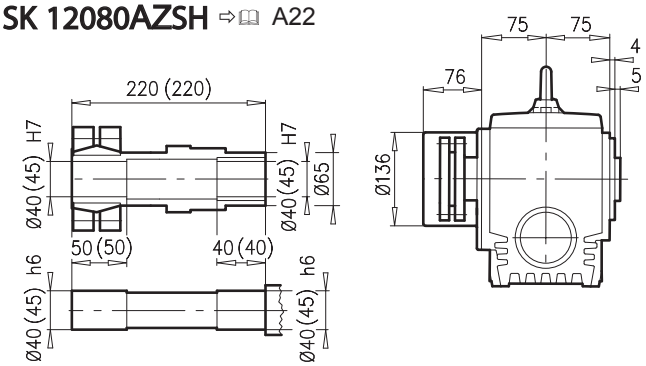
## SK 12080AZ



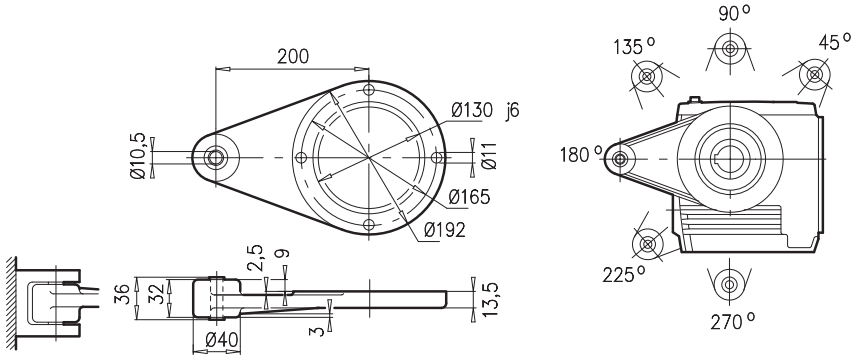

## SK 12080AZB ⇨🕮 A27




## SK 12080AZSH ⇨🕮 A22

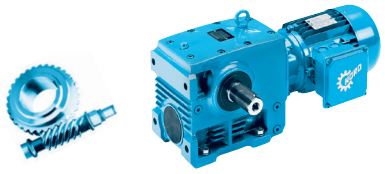



## SK 12080AZD

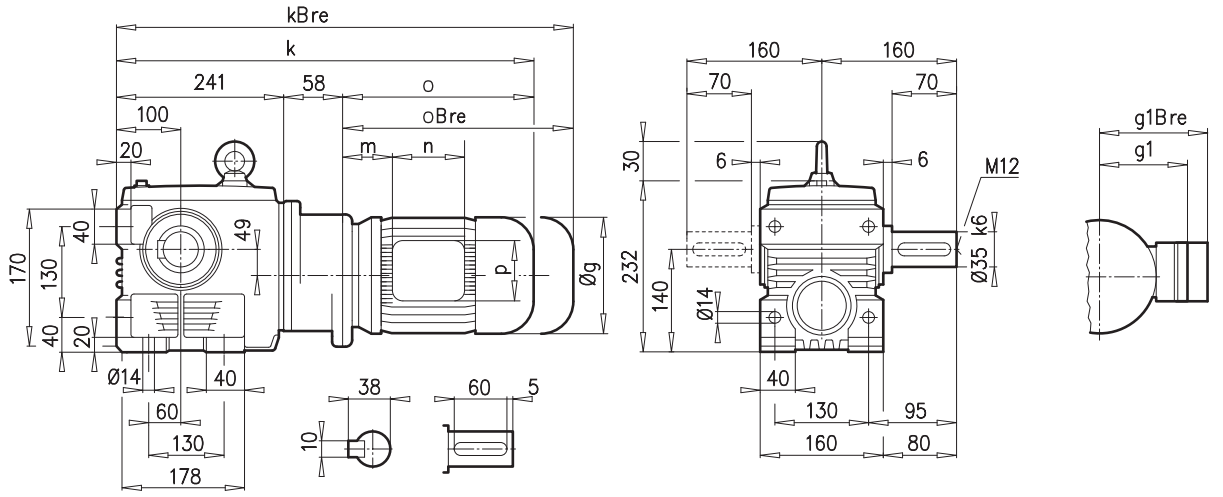



| ± ⇨🕮A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | 201 | 228 | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | |
| k1 / k1Bre | 438 / 494 | 478 / 536 | 503 / 567 | 503 / 567 | 544 / 619 | 574 / 665 | 622 / 715 | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | 332 / 423 | 380 / 473 | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | 58 / 62 | 74 / 78 | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | |

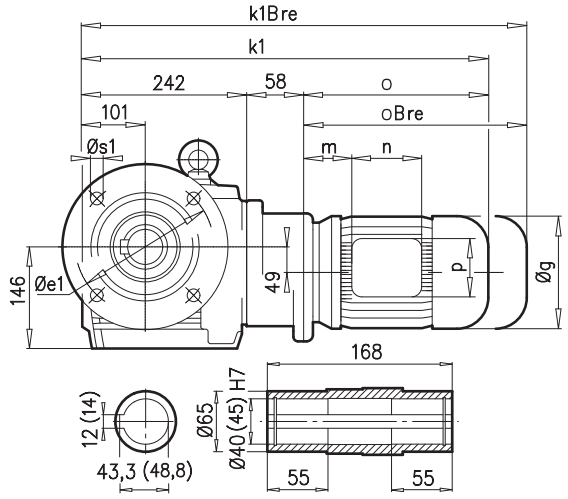
🕮F52

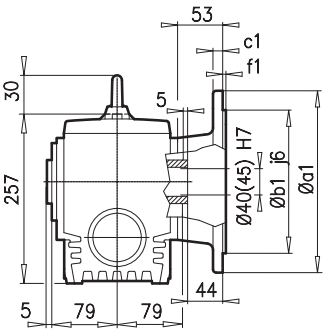


## SK 13080



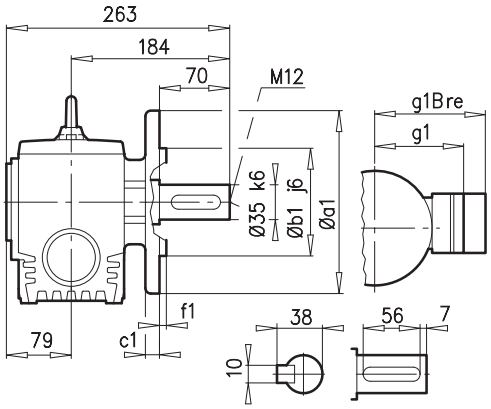

## SK 13080AF



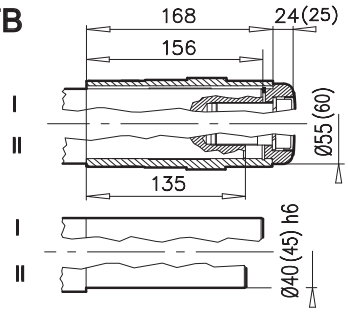

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 15 | 215 | 4,0 | 4 x 14 |
| 300 | 230 | 20 | 265 | 4,0 | 4 x 14 |

## SK 13080VF



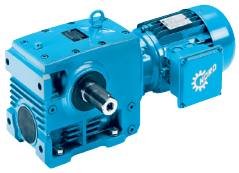

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 200 | 130 | 12 | 165 | 4,0 | 4 x 11 |

## SK 13080AFB



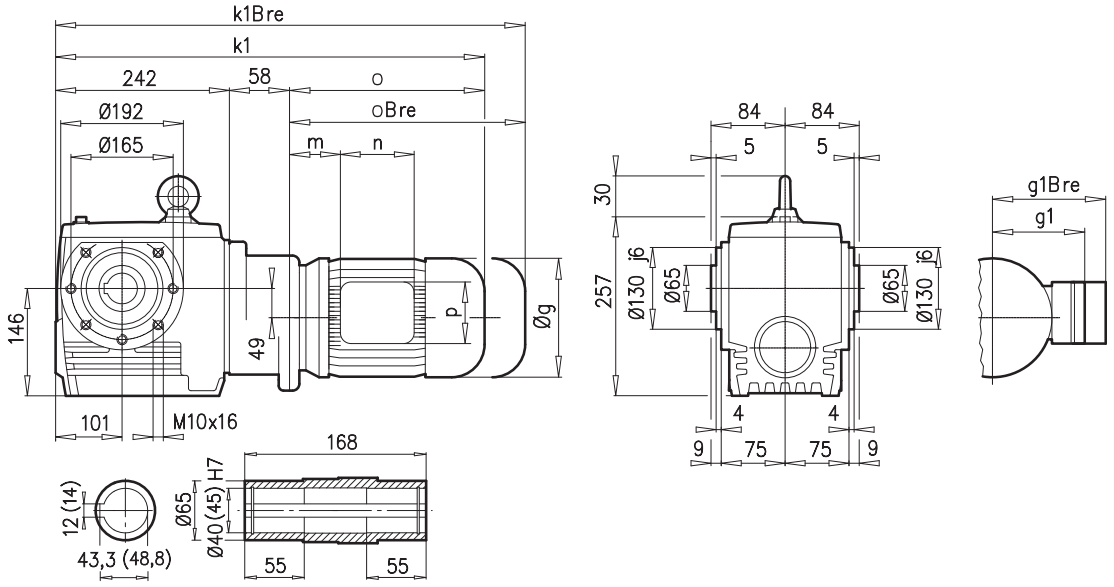

| ± ⇨📖A61 | 63 S/L | 71 S/L | | | | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | | |
| k / kBre | 495 / 551 | 535 / 593 | | | | | | |
| k1 / k1Bre | 496 / 552 | 536 / 594 | | | | | | |
| o / oBre | 192 / 248 | 236 / 294 | | | | | | |
| m / mBre | 16 / 22 | 42 / 43 | | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | | |

📖F52

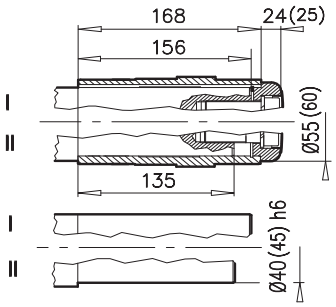


# SK 13080

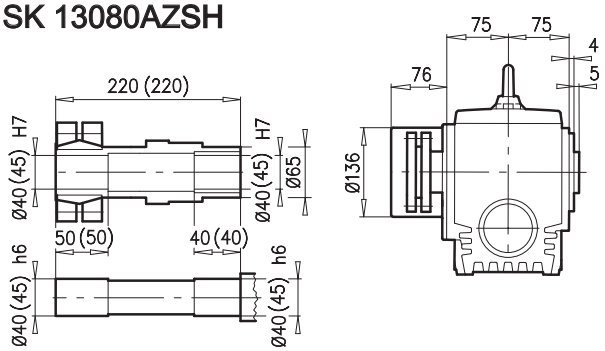
## SK 13080AZ



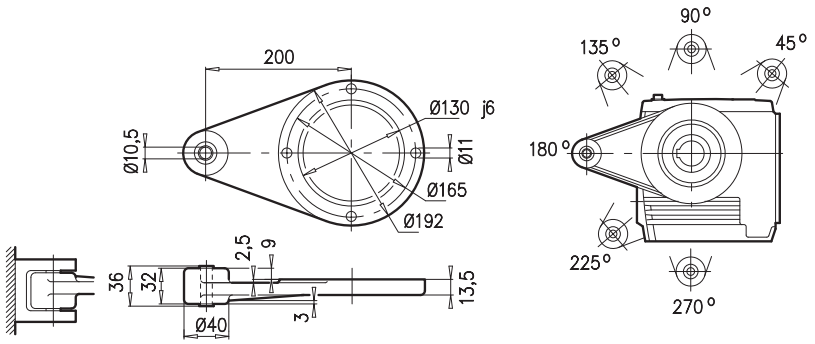

## SK 13080AZB




## SK 13080AZSH

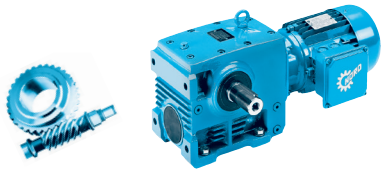



## SK 13080AZD

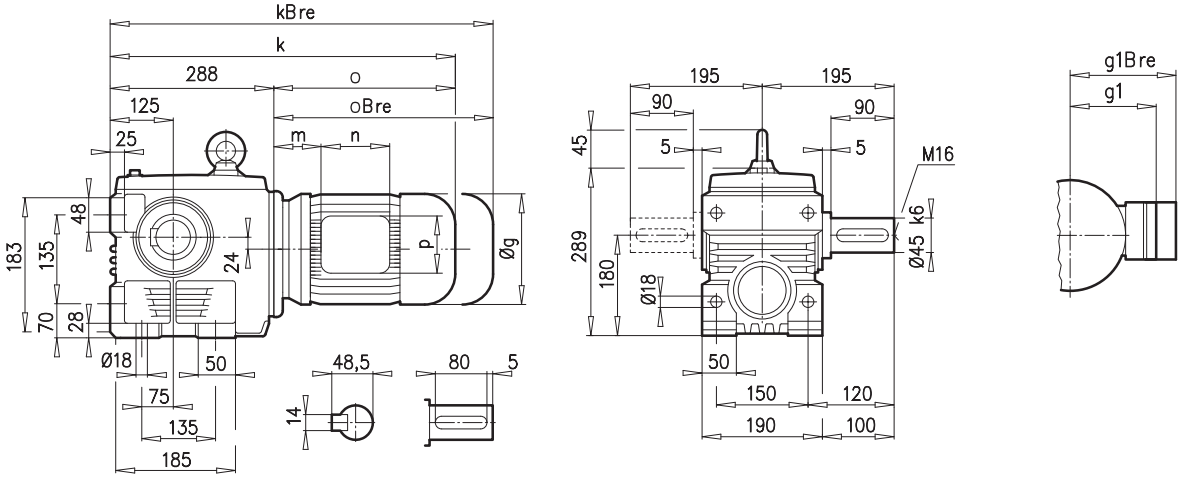



| ± ⇨📖A61 | 63 S/L | 71 S/L | | | | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | | | | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | | | | | | |
| k1 / k1Bre | 496 / 552 | 536 / 594 | | | | | | |
| o / oBre | 192 / 248 | 236 / 294 | | | | | | |
| m / mBre | 16 / 22 | 42 / 43 | | | | | | |
| n / nBre | 100 / 134 | 100 / 134 | | | | | | |
| p / pBre | 100 / 89 | 100 / 89 | | | | | | |

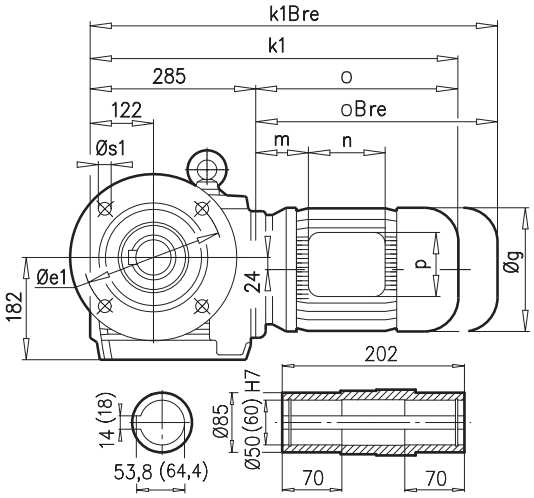
📖F52

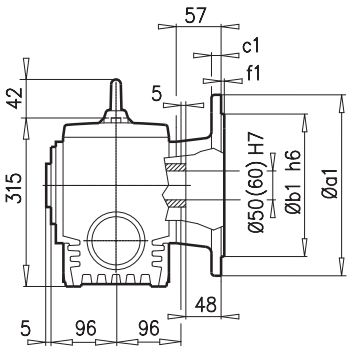


## SK 32100



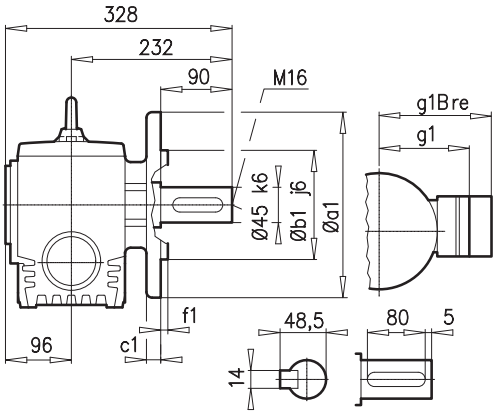

## SK 32100AF



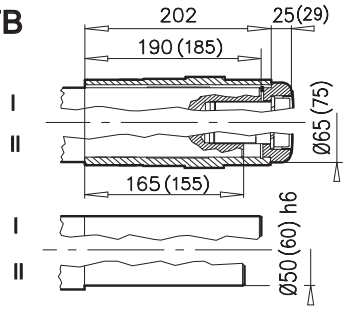

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5,0 | 4 x 18 |

## SK 32100VF



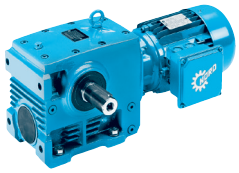

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4,0 | 4 x 14 |

## SK 32100AFB



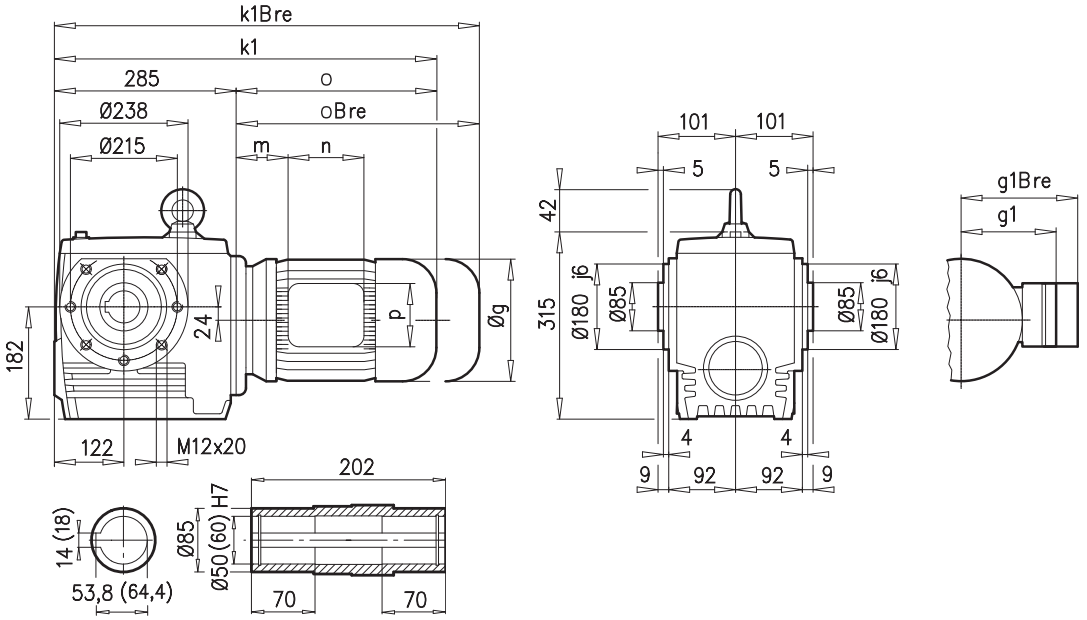

| ± ⇨📖A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | |
| k / kBre | 518 / 576 | 543 / 607 | 543 / 607 | 584 / 659 | 614 / 705 | 662 / 755 | 720 / 827 | |
| k1 / k1Bre | 515 / 573 | 540 / 604 | 540 / 604 | 581 / 656 | 611 / 702 | 659 / 752 | 723 / 830 | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | 71 / 51 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | |

📖F53

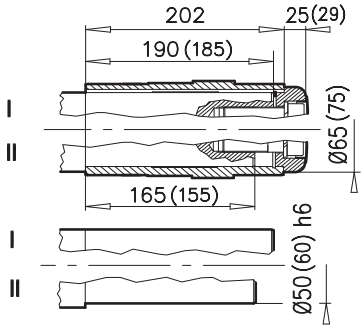


# SK 32100

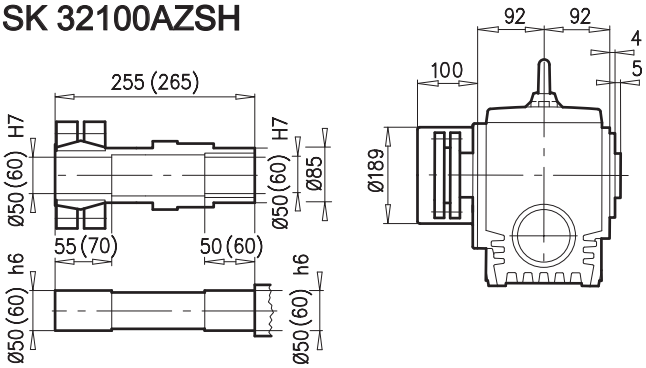
## SK 32100AZ



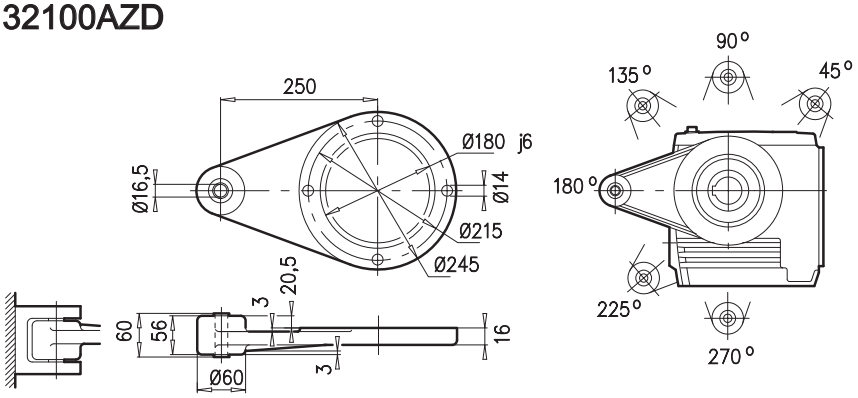

## SK 32100AZB




## SK 32100AZSH

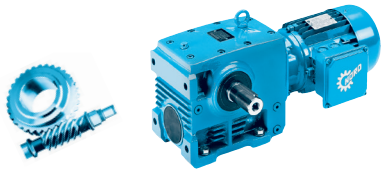



## SK 32100AZD

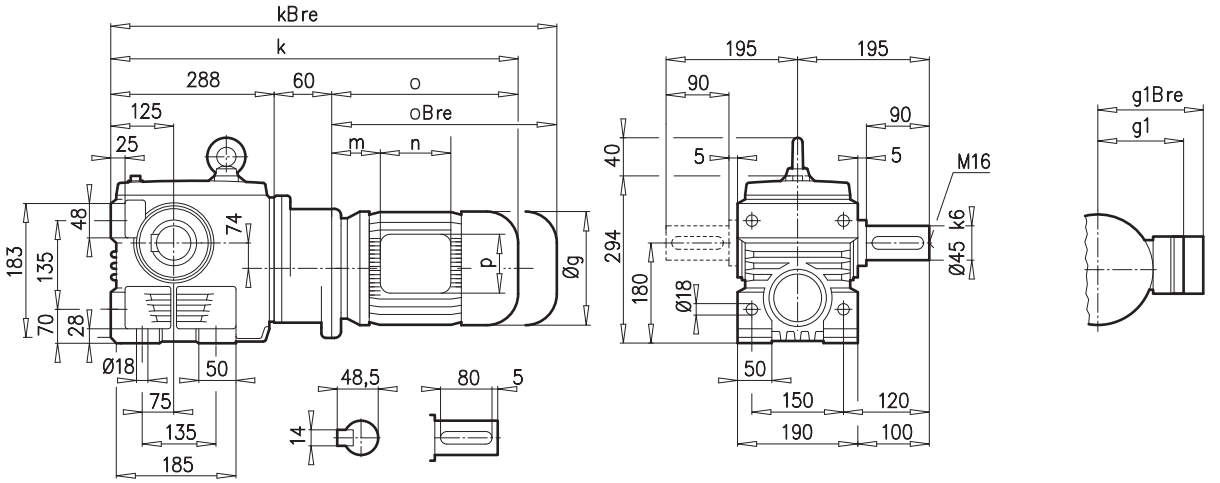



| ± ⇨📖A61 | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | 266 | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | |
| k1 / k1Bre | 515 / 573 | 540 / 604 | 540 / 604 | 581 / 656 | 611 / 702 | 659 / 752 | 723 / 830 | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | 435 / 542 | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | 71 / 51 | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | |

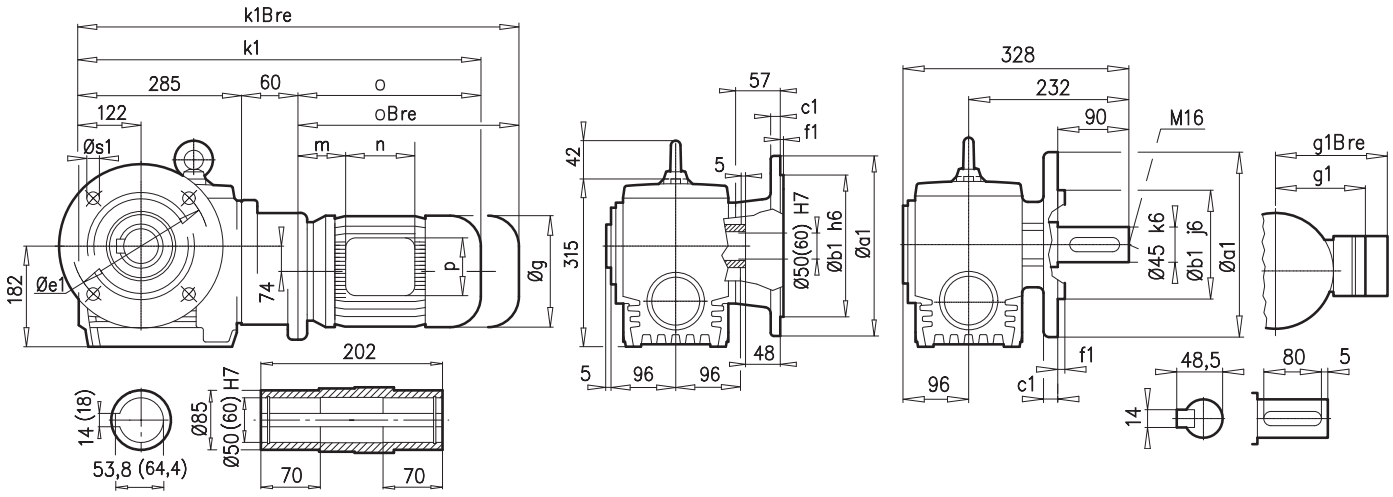
📖F53



## SK 33100




## SK 33100AF



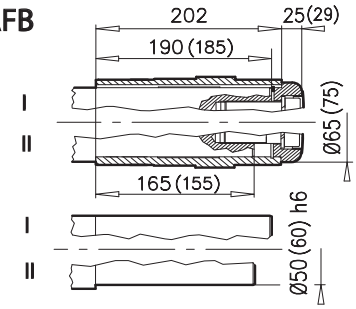

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5,0 | 4 x 18 |

## SK 33100VF




| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 250 | 180 | 16 | 215 | 4,0 | 4 x 14 |

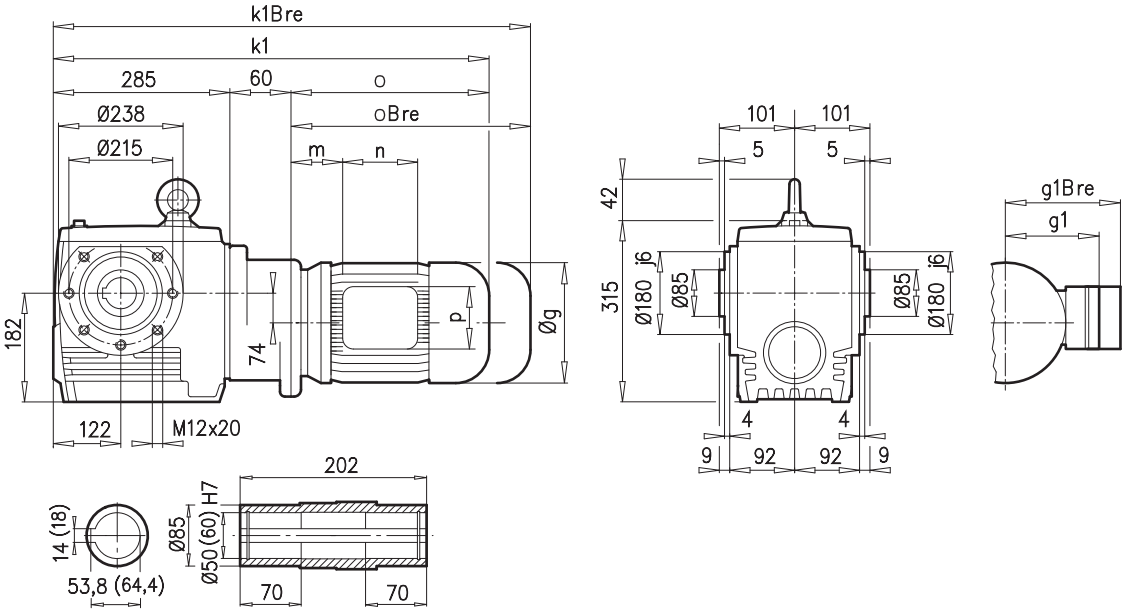
## SK 33100AFB



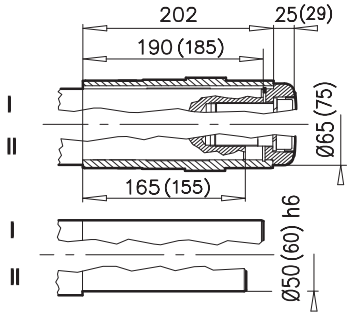

| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | | |
| k / kBre | 545 / 601 | 585 / 643 | 610 / 674 | 610 / 674 | 651 / 726 | | | |
| k1 / k1Bre | 542 / 598 | 582 / 640 | 607 / 671 | 607 / 671 | 648 / 723 | | | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

📖F52

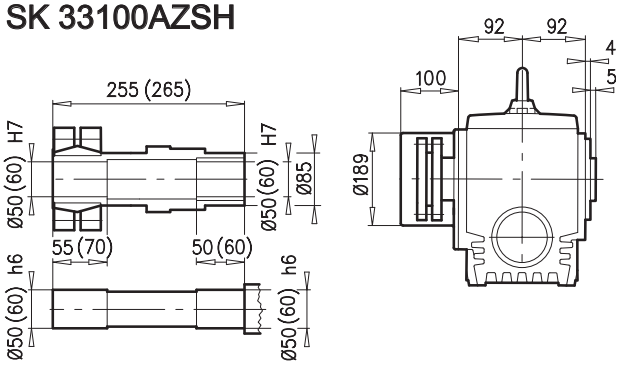
## SK 33100AZ



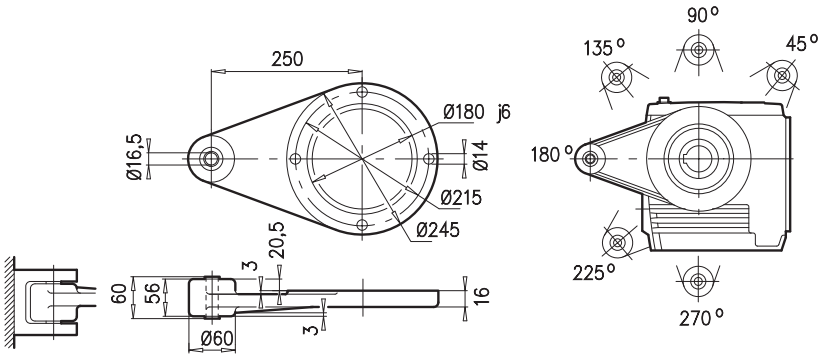

## SK 33100AZ




## SK 33100AZSH

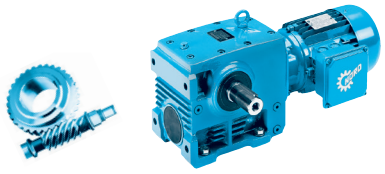



## SK 33100AZD

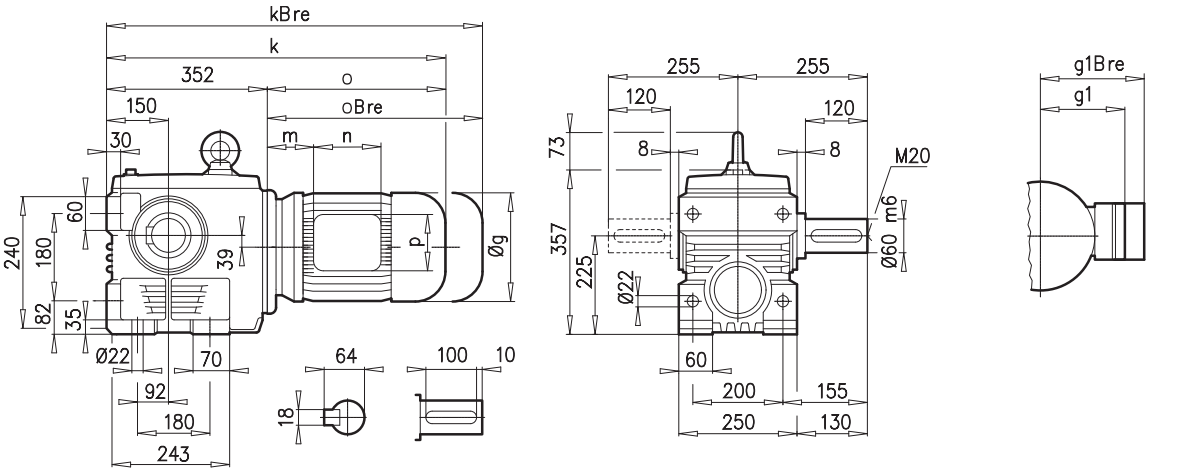



| ± ⇨📖A61 | 63 S/L | 71 S/L | 80 S/SH | 80 LP | 90 SP/LP | | | |
|---|---|---|---|---|---|---|---|---|
| g | 130 | 145 | 165 | 165 | 183 | | | |
| g1 / g1Bre | 115 / 123 | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | | | |
| k1 / k1Bre | 542 / 598 | 582 / 640 | 607 / 671 | 607 / 671 | 648 / 723 | | | |
| o / oBre | 192 / 248 | 236 / 294 | 261 / 325 | 261 / 325 | 302 / 377 | | | |
| m / mBre | 16 / 22 | 42 / 43 | 47 / 51 | 47 / 51 | 52 / 56 | | | |
| n / nBre | 100 / 134 | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | | | |
| p / pBre | 100 / 89 | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | | | |

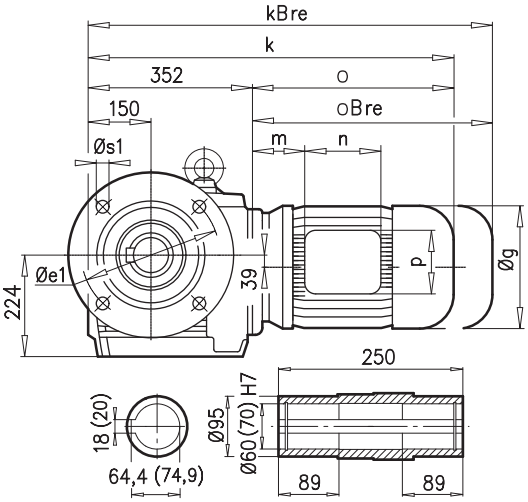
📖F52

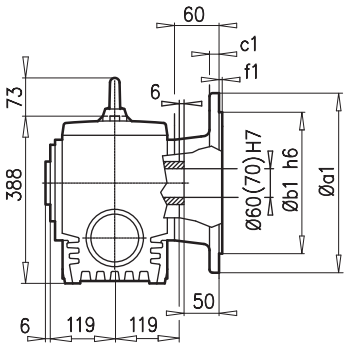


## SK 42125



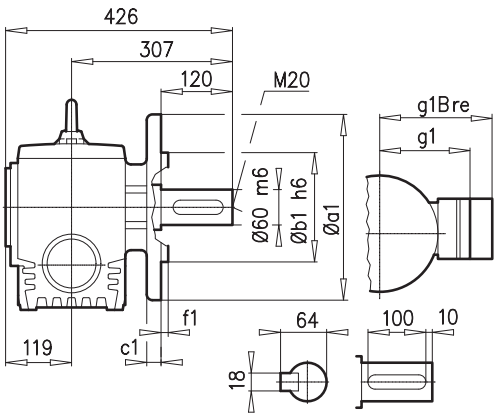

## SK 42125AF



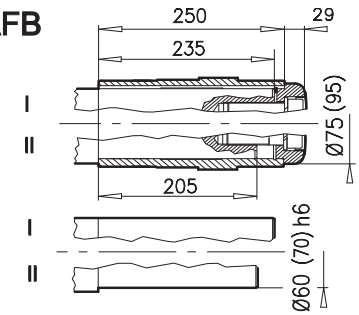

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 400 | 300 | 20 | 350 | 5 | 4 x 18 |
| 450 | 350 | 22 | 400 | 5 | 8 x 18 |

## SK 42125VF



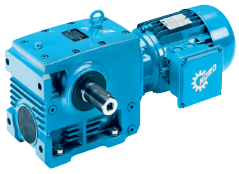

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

## SK 42125AFB



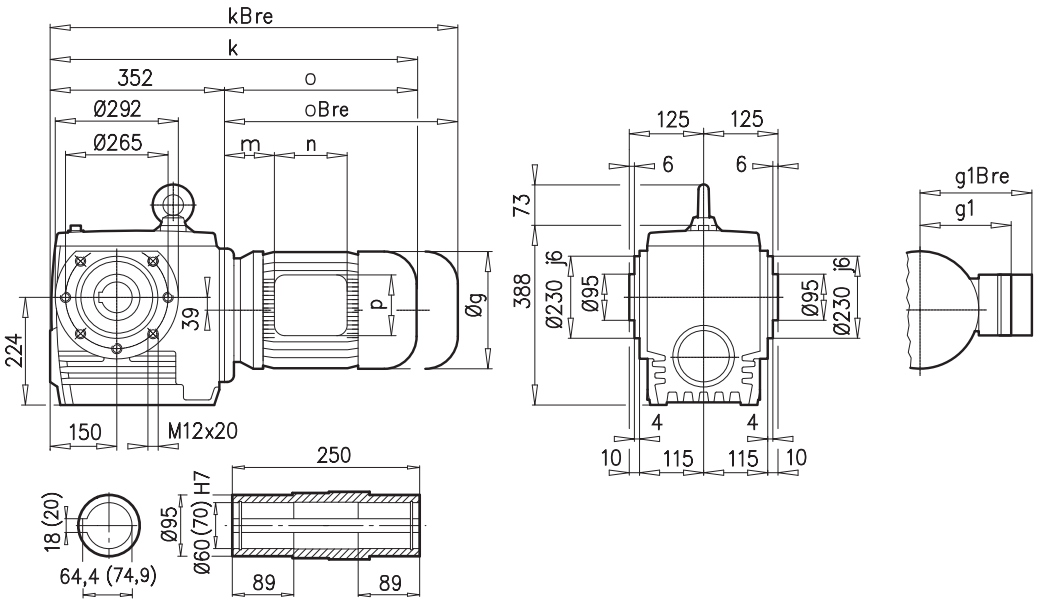

| ± ⇨📖A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | |
|---|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 348 | |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | |
| k / kBre | 628 / 703 | 658 / 749 | 706 / 799 | 767 / 874 | 844 / 979 | 888 / 1023 | 986 / 1114 | |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 | |
| m / mBre | 26 / 30 | 32 / 36 | 48 / 52 | 51 / 44 | 52 / 52 | 52 / 52 | 74 / 74 | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | |

📖F54

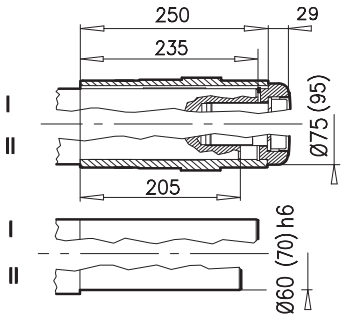


# SK 42125

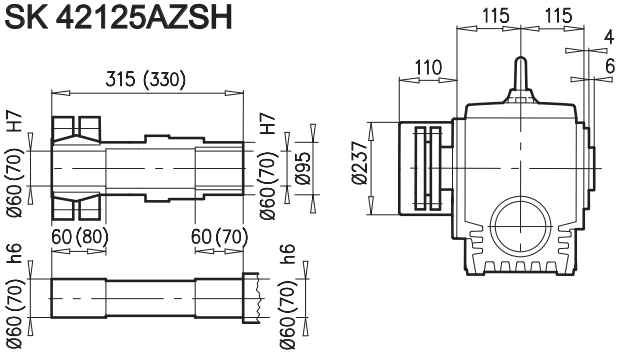
## SK 42125AZ



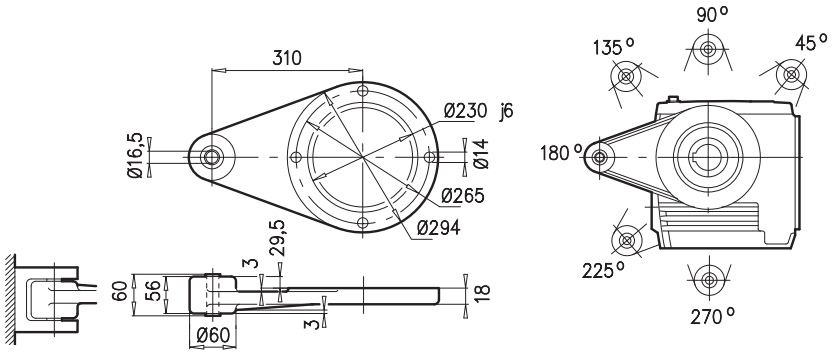

## SK 42125AZB




## SK 42125AZSH

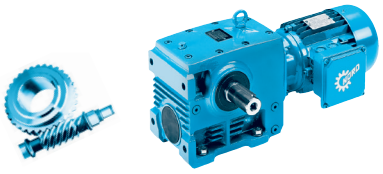



## SK 42125AZD

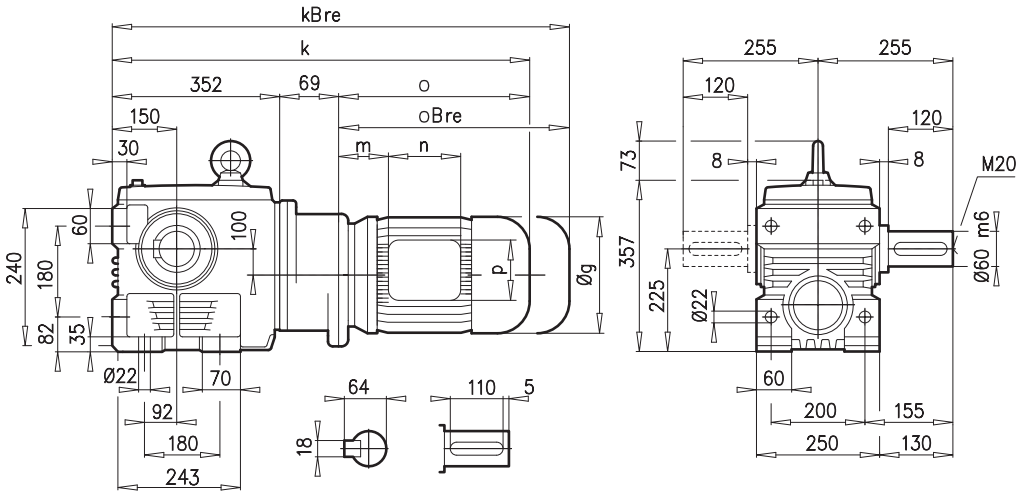



| ± ⇨📖A61 | 90 SP/LP | 100 LP/AP | 112 MP | 132 SP/MP | 160 SP/MP | 160 LP | 180 MP/LP | |
|---|---|---|---|---|---|---|---|---|
| g | 183 | 201 | 228 | 266 | 320 | 320 | 348 | |
| g1 / g1Bre | 147 / 147 | 169 / 173 | 179 / 182 | 204 / 201 | 242 / 242 | 242 / 242 | 258 / 258 | |
| k / kBre | 628 / 703 | 658 / 749 | 706 / 799 | 767 / 874 | 844 / 979 | 888 / 1023 | 986 / 1114 | |
| o / oBre | 276 / 351 | 306 / 397 | 354 / 447 | 415 / 522 | 492 / 627 | 536 / 671 | 634 / 762 | |
| m / mBre | 26 / 30 | 32 / 36 | 48 / 52 | 51 / 44 | 52 / 52 | 52 / 52 | 74 / 74 | |
| n / nBre | 114 / 153 | 114 / 153 | 114 / 153 | 122 / 185 | 186 / 186 | 186 / 186 | 186 / 186 | |
| p / pBre | 114 / 108 | 114 / 108 | 114 / 108 | 122 / 139 | 186 / 186 | 186 / 186 | 186 / 186 | |

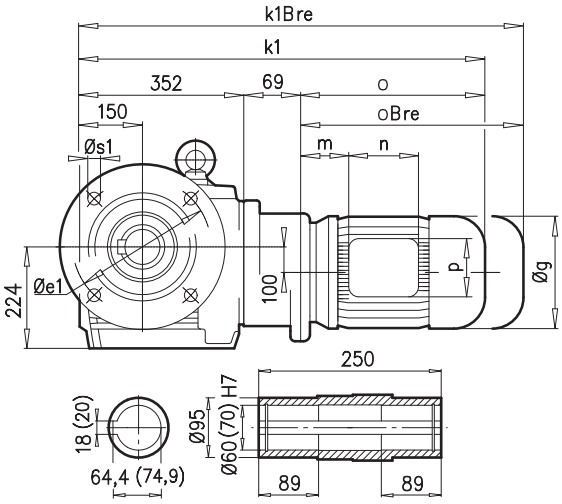
📖F54



## SK 43125

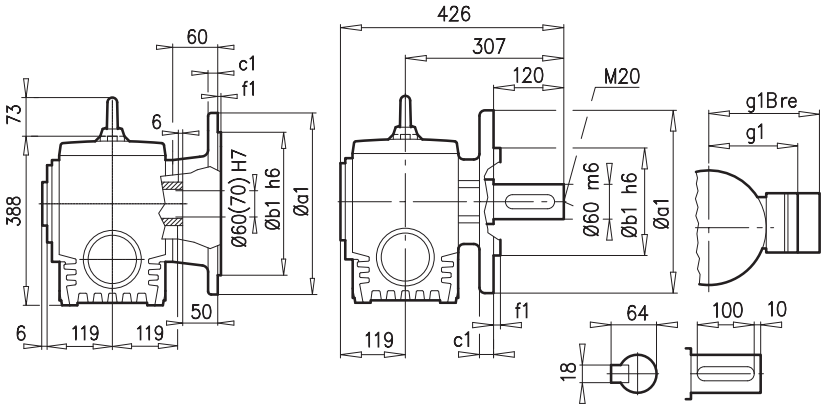



## SK 43125AF



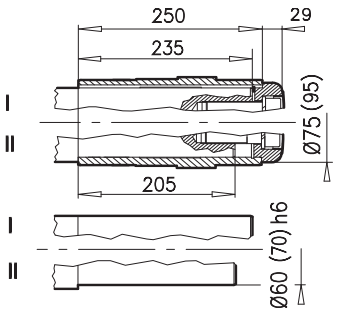

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 400 | 300 | 20 | 350 | 5 | 4 x 18 |
| 450 | 350 | 22 | 400 | 5 | 8 x 18 |

## SK 43125VF



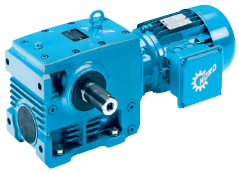

| a1 | b1 | c1 | e1 | f1 | s1 |
|---|---|---|---|---|---|
| 350 | 250 | 20 | 300 | 5 | 4 x 18 |

## SK 43125AFB



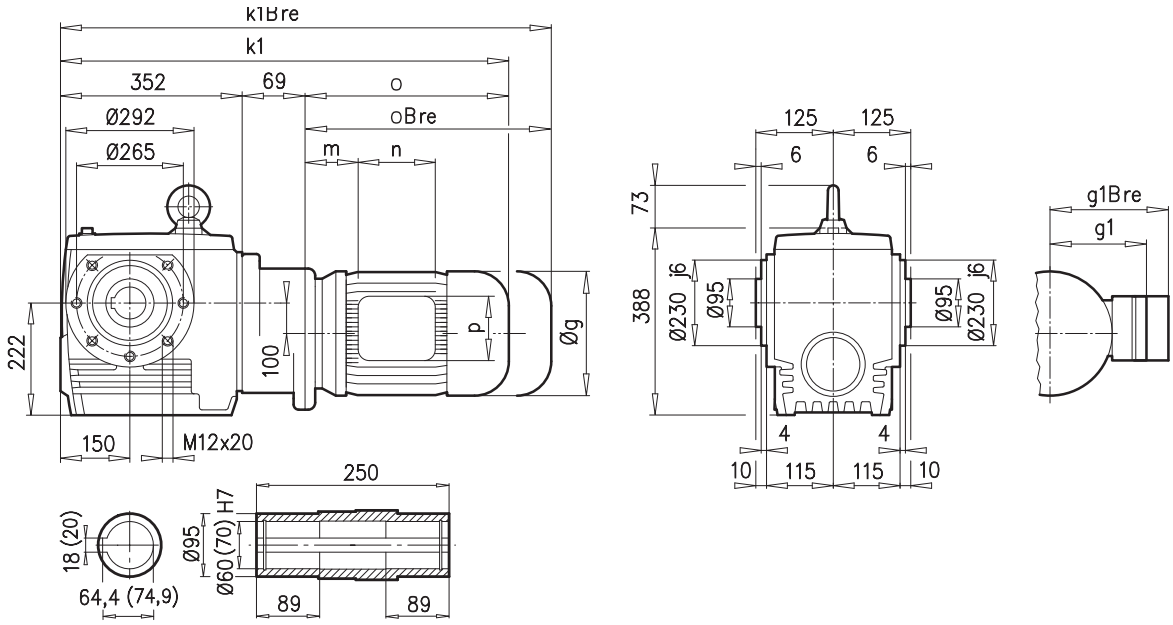

| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | | |
| k / kBre | 652 / 710 | 677 / 741 | 677 / 741 | 718 / 793 | 748 / 839 | 796 / 889 | | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |

📖E53

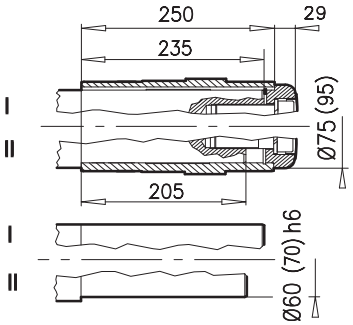


# SK 43125

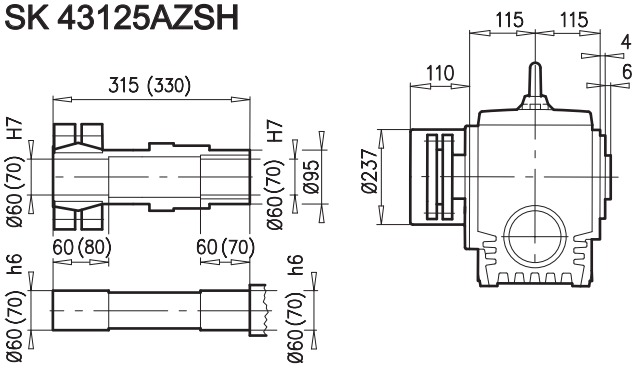
## SK 43125AZ



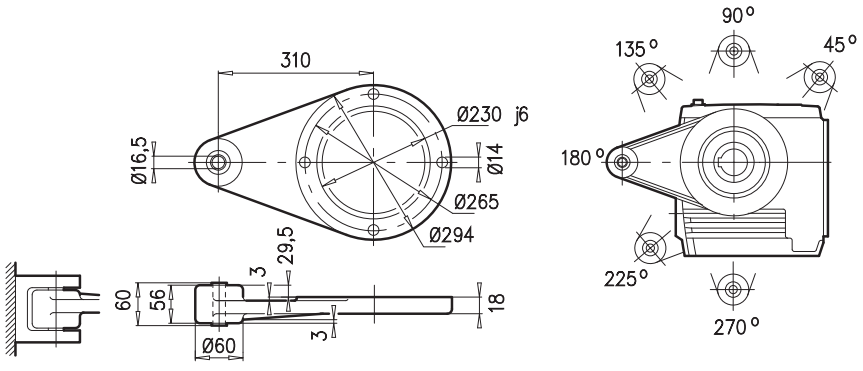

## SK 43125AZB




## SK 43125AZSH



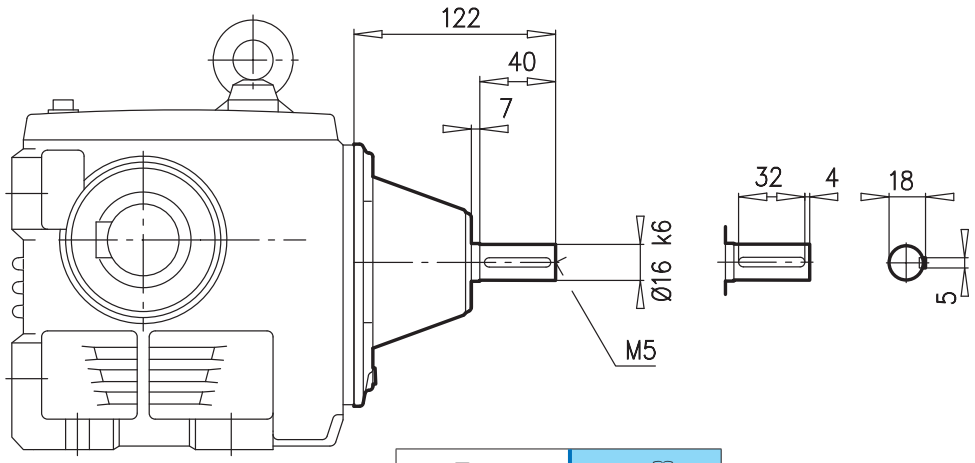

## SK 43125AZD




| ± ⇨📖A61 | 71 S/L | 80 SH | 80 LP | 90 SP/LP | 100 LP/AP | 112 MP | | |
|---|---|---|---|---|---|---|---|---|
| g | 145 | 165 | 165 | 183 | 201 | 228 | | |
| g1 / g1Bre | 124 / 132 | 142 / 142 | 142 / 142 | 147 / 147 | 169 / 173 | 179 / 182 | | |
| k / kBre | 652 / 710 | 677 / 741 | 677 / 741 | 718 / 793 | 748 / 839 | 796 / 889 | | |
| o / oBre | 230 / 288 | 255 / 319 | 255 / 319 | 296 / 371 | 326 / 417 | 374 / 467 | | |
| m / mBre | 36 / 42 | 41 / 45 | 41 / 45 | 46 / 50 | 52 / 56 | 68 / 72 | | |
| n / nBre | 100 / 134 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | 114 / 153 | | |
| p / pBre | 100 / 89 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | 114 / 108 | | |

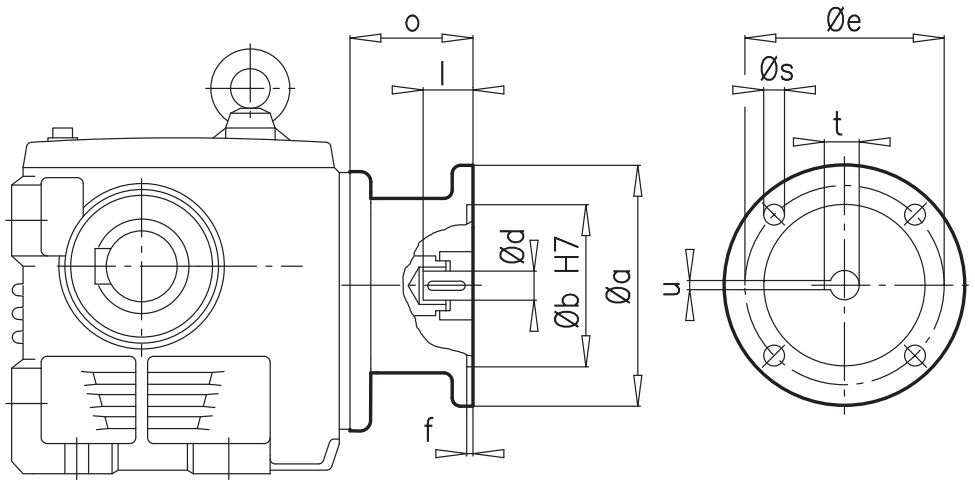
📖E53

## SK ... - W



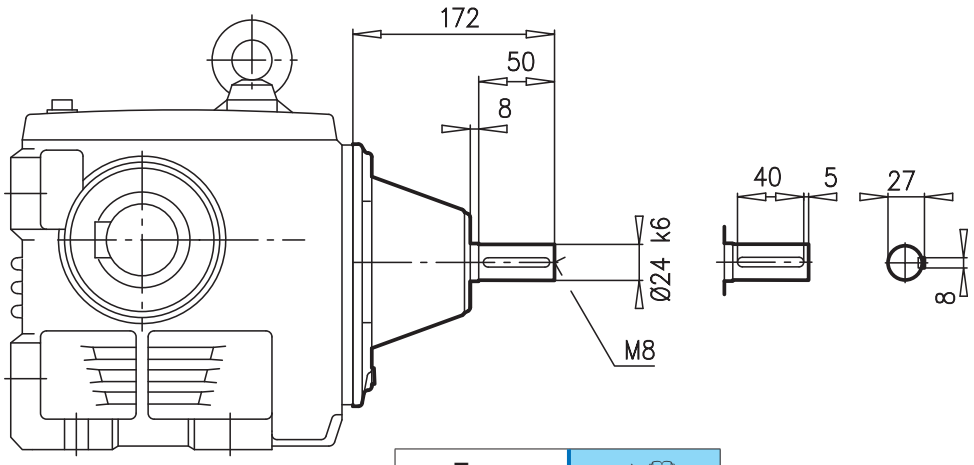

| Type | ⇨ 🕮 |
|---|---|
| SK 02050 | F32-F33 |
| SK 12063 | F36-F37 |
| SK 12080 | F40-F41 |
| SK 13050 | F34-F35 |
| SK 13063 | F38-F39 |
| SK 13080 | F42-F43 |
| SK 33100 | F46-F47 |

## SK ... - IEC ...



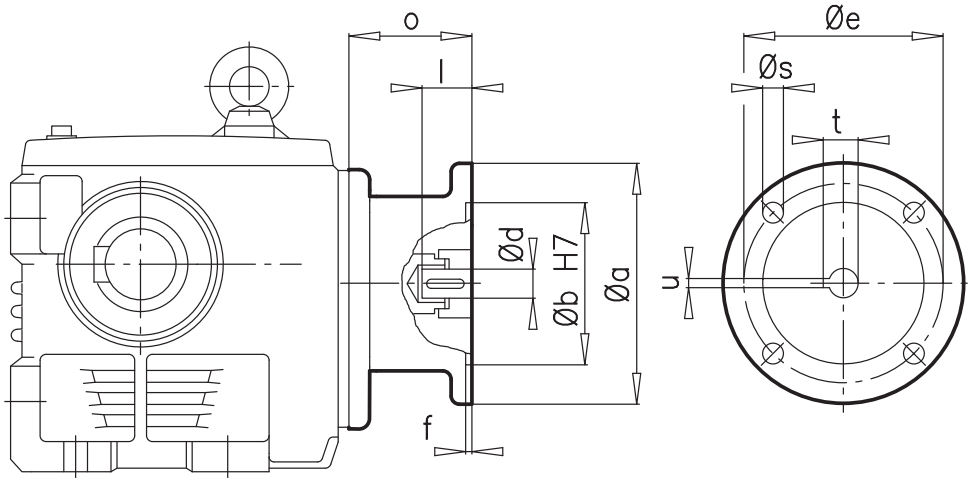

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **63** | 140 | 95 | 11 | 115 | 3,5 | 23 | 85 | M8 | 12,8 | 4 |
| **71** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **80** | 200 | 130 | 19 | 165 | 4,0 | 40 | 105 | M10 | 21,8 | 6 |
| **90** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **100** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |
| **112** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |

## SK ... - W



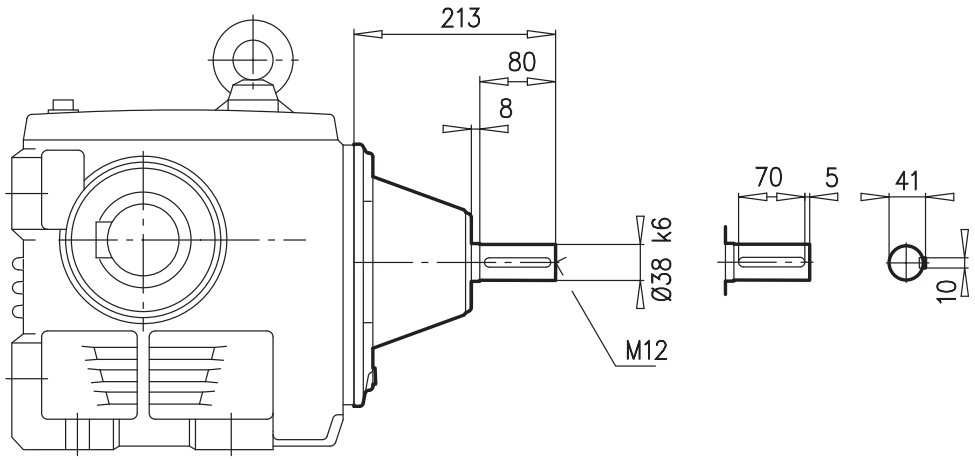

| Type | ⇨ 🕮 |
|---|---|
| SK 32100 | F44-F45 |
| SK 43125 | F50-F51 |

## SK ... - IEC ...



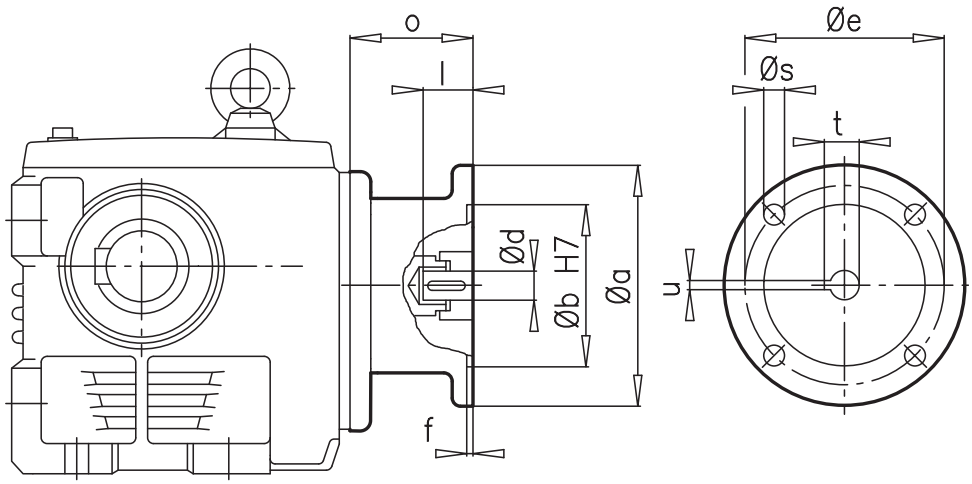

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| 71 | 160 | 110 | 14 | 130 | 4,0 | 30 | 88 | M8 | 16,3 | 5 |
| 80 | 200 | 130 | 19 | 165 | 4,0 | 40 | 107 | M10 | 21,8 | 6 |
| 90 | 200 | 130 | 24 | 165 | 4,0 | 50 | 107 | M10 | 27,3 | 8 |
| 100 | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| 112 | 250 | 180 | 28 | 215 | 5,0 | 60 | 124 | M12 | 31,3 | 8 |
| 132 | 300 | 230 | 38 | 265 | 5,0 | 80 | 156 | M12 | 41,3 | 10 |

## SK ... - W

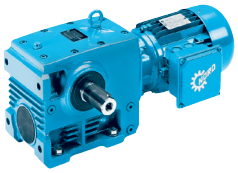


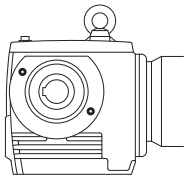

| Type | ⇨ 🕮 |
|---|---|
| SK 42125 | F48-F49 |

## SK ... - IEC ...



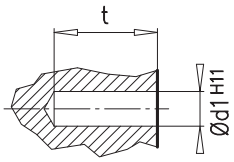

| IEC | a | b | d | e | f | l | o | s | t | u |
|---|---|---|---|---|---|---|---|---|---|---|
| **90** | 140 | 95 | 11 | 115 | 3,5 | 23 | 85 | M8 | 12,8 | 4 |
| **100** | 160 | 110 | 14 | 130 | 4,0 | 30 | 89 | M8 | 16,3 | 5 |
| **112** | 200 | 130 | 19 | 165 | 4,0 | 40 | 105 | M10 | 21,8 | 6 |
| **132** | 200 | 130 | 24 | 165 | 4,0 | 50 | 105 | M10 | 27,3 | 8 |
| **160** | 250 | 180 | 28 | 215 | 5,0 | 60 | 130 | M12 | 31,3 | 8 |

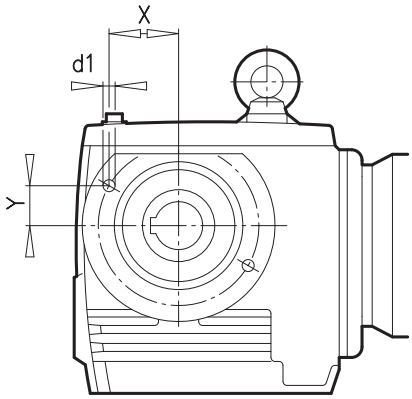


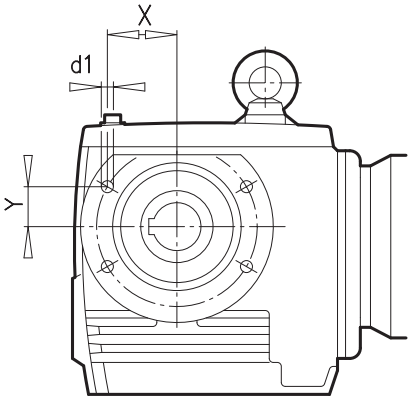


## SK 02050AZ - SK 33100AZ

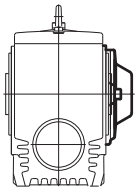
## SK 42125AZ
## SK 43125AZ

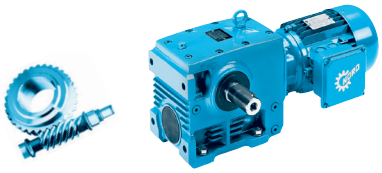


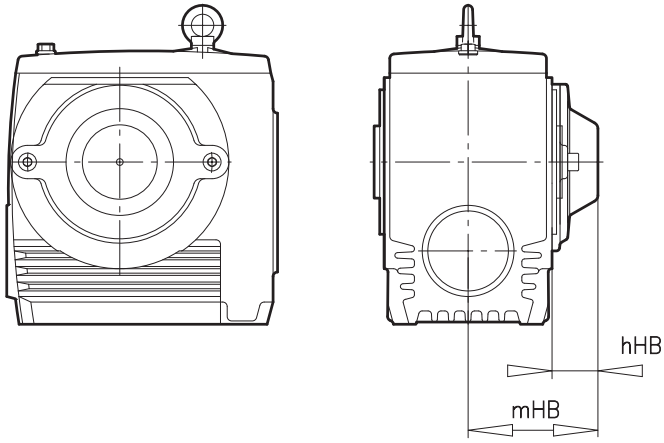




| ⇨ 🕮 A61 | $d1^{H11}$ | X | Y |
|---|---|---|---|
| **SK 02050 AZ**<br>**SK 13050 AZ** | 2 x Ø 8 x 12 | 56,14 | 12,45 |
| **SK 12063 AZ**<br>**SK 13063 AZ** | 2 x Ø 8 x 12 | 56,14 | 12,45 |
| **SK 12080 AZ**<br>**SK 13080 AZ** | 2 x Ø10 x 15 | 80,54 | 17,86 |
| **SK 32100 AZ**<br>**SK 33100 AZ** | 2 x Ø12 x 20 | 104,95 | 23,27 |
| **SK 42125 AZ**<br>**SK 43125 AZ** | 4 x Ø12 x 20 | 111,75 | 71,19 |



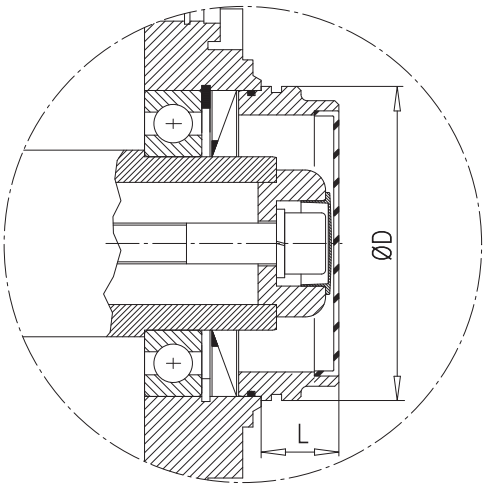


## SK ... AZH




| ⇨ 🕮 A61 | hHB | mHB |
|---|---|---|
| SK 02050 AZH<br>SK 13050 AZH | 37 | 97 |
| SK 12063 AZH<br>SK 13063 AZH | 37 | 104 |
| SK 12080 AZH<br>SK 13080 AZH | 41 | 116 |
| SK 32100 AZH<br>SK 33100 AZH | 49 | 141 |
| SK 42125 AZH<br>SK 43125 AZH | 53 | 168 |

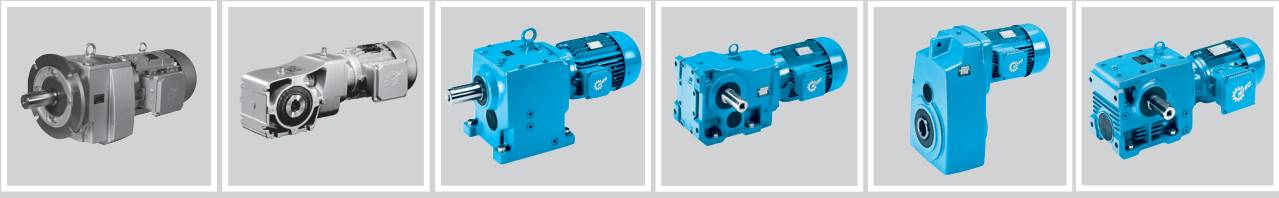
## SK ... AZH 66




| ⇨ 🕮 A61 | D | L |
|---|---|---|
| SK 02050 AZH66<br>SK 13050 AZH66 | 80 | 25 |
| SK 12063 AZH66<br>SK 13063 AZH66 | 85 | 28 |
| SK 12080 AZH66<br>SK 13080 AZH66 | 104 | 35 |
| SK 32100 AZH66<br>SK 33100 AZH66 | 135 | 40 |
| SK 42125 AZH66<br>SK 43125 AZH66 | 150 | 40 |

## APPENDIX

General enquiry form . . . . . G 2
Motor overviews . . . . . G 4



# Enquiry form

**This general enquiry form can be found in the attachment as well as on the NORD homepage under www.nord.com - Heading DOCUMENTATION / FORMS.**

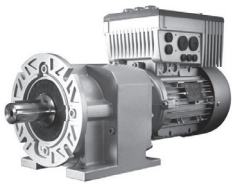
## General enquiry form


NORD DRIVESYSTEMS
Rudolf-Diesel-Straße 1
D-22941 Bargteheide
Tel.: +49(0) 4532/401-0
Fax: +49(0)4532/401-254
E-Mail info@nord.com
www.nord.com


| | | | |
|---|---|---|---|
| Company | | | |
| Street | | | |
| Town | | Post-code | |
| Contact | | | |
| Tel.: | | Customer No. | |
| Fax: | | Application | |
| Email | | Project | |

| Components required | | | |
|---|---|---|---|
| ◯ Gear unit motor | ◯ IEC – Gear unit motor | ◯ Gear unit with free shaft end | ◯ Stand-alone motor |

| | | | |
|---|---|---|---|
| Quantity | | Type | |



| **Parameters specific to the gear unit** | | | |
|---|---|---|---|
| Version | | Gear ratio | |
| Flange ◯ B14 ◯ B5 ø | | | [mm] |
| ◯ Hollow shaft ◯ Solid shaft ø | | x | [mm] |
| Output speed at mains frequency $n_2$ | | | [min$^{-1}$] |
| Output torque $M_2$ | | | [Nm] |
| Min. operating factor $f_b$ | | | |
| Min. bearing life Lh | | | [N] |
| Radial forces on output shaft $F_{R2}$ | | | [N] |
| Axial forces on output shaft $F_{A2}$ | | | [N] |
| Dist. from shaft collar to point of action of force | | | [mm] |

| **Parameters specific to gear unit** | | | | | |
|---|---|---|---|---|---|
| Bearings | ◯ Normal | ◯ VL | ◯ VL2 | ◯ VL3 | ◯ AL |
| For bevel gear or worm gear units | Shaft at | ◯ A | ◯ B | | |
| Oil type | ◯ Mineral | ◯ Synthetic | ◯ Foodstuff-compatible oil | | |
| | ◯ Special oil type | | | | |

| **Parameters specific to motor** | | | | |
|---|---|---|---|---|
| Effective motor power | | | | [kW] |
| Motor speed $n_1$ | | | | [min$^{-1}$] |
| Temperature sensor (PTC) ◯ | Bi-metal temperature monitor ◯ | | | |
| Mains voltage | | [V] | +/- | [%] |
| Mains frequency | | [Hz] | | |

# General enquiry form

| Parameters specific to motor | |
|---|---|
| Insulation class | F ☒ |
| Protection class | ○ IP55 (Standard) ○ IP |
| Operating mode | ○ S1 (Standard) ○ S [%] |
| Switching frequency | [c/h] |
| The relative switch-on time | [%] |
| Terminal box at | Cable gland at |

| Parameters specific to brake | |
|---|---|
| Rated brake torque | [Nm] |
| Rated brake voltage | [V] |
| ○ Holding brake / emergency brake | ○ Service brake |

| Frequency inverter operation | |
|---|---|
| ○ Control cabinet inverter | ○ Motor-mounted inverter |
| Adjustment range from | [Hz] to [Hz] |
| ☐ Constant torque within adjustment range | [Nm] |
| ☐ External fan | |
| ☐ Increase in motor size (with constant torque) | |
| ☐ Positioning | ○ Incremental ○ Absolute |
| ☐ Speed feedback | |
| ☐ Generator operation for power feedback | [kW] |
| ☐ Bus system- type of bus system | |
| ☐ Control via | ○ PC ○ Control box |

| Outline conditions | |
|---|---|
| Ambient temperatures | from [°C] |
| ☐ Buffer mounting for travelling drives | [Nm] |
| ☐ Relative humidity | [%] |
| ☐ Exposure to direct sunlight | |
| ☐ Aggressive media (e.g.: salty air) | |
| ☐ Increased installation altitude | [m] |
| ☐ Precipitation | |
| ☐ ATEX (explosive mixtures in the vicinity) | Zone |

| Painting | |
|---|---|
| ○ Not painted | |
| ○ Paint 1.0 - Primer | |
| ○ Paint 2.0 - standard | |
| ○ Paint 3.0 - normal environmental contamination | |
| ○ Paint 3.1 - moderate environmental contamination | |
| ○ Paint 3.2 - severe environmental contamination | |
| ○ Other painting (e.g.: Z, 3.4 or 3.5) | |
| ☐ Special colour (Standard RAL7031) | RAL |
| ☐ Regulations DIN EN, etc., please state | |

| General conditions | |
|---|---|
| Quote by | |
| Purchasing conditions | known ○ not known ○ |
| Purchasing conditions attached | ☐ |
| Delivery time after receipt of order | |
| Delivery carriage paid | ☐ |

| Comments | |
|---|---|

# Motor overview

## The motor overview is an exerpt from the motor catalogue M7000 IE1 IE2 IE3

**The motor catalogue M7000 IE1 IE2 IE3 can be found on the NORD homepage under www.nord.com - Heading DOCUMENTATION**

| 1500 1/min<br>50 Hz | | | | 400 V<br>4 - pole | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IE3<br>S1 | | | | | | | | | | | |
| | $P_N$ | $n_N$ | $M_N$ | $I_N$ | | cos | η | $M_A/M_N$ | $M_K/M_N$ | $I_A/I_N$ | J | kg |
| Type | | | | 230 V | 400 V | φ | 4/4 $P_N$ | | | | | * |
| | [kW] | [1/min] | [Nm] | [A] | [A] | | [%] | | | | [kgm²] | [kg] |
| **63 S/4 | 0,12 | 1335 | 0,86 | 0,95 | 0,55 | 0,64 | 49,9 | 2,7 | 2,7 | 2,9 | 0,00021 | 3,6 |
| **63 L/4 | 0,18 | 1390 | 1,24 | 1,18 | 0,68 | 0,64 | 56,2 | 2,6 | 2,6 | 3,3 | 0,00028 | 4,2 |
| **71 S/4 | 0,25 | 1380 | 1,73 | 1,32 | 0,76 | 0,77 | 61,6 | 2,2 | 2,1 | 3,3 | 0,00072 | 5,4 |
| **71 L/4 | 0,37 | 1380 | 2,56 | 1,89 | 1,09 | 0,71 | 64,4 | 2,0 | 2,4 | 3,6 | 0,00086 | 6,3 |
| **80 SH/4 | 0,55 | 1420 | 3,73 | 2,44 | 1,41 | 0,70 | 80,8 | 3,1 | 3,2 | 5,1 | 0,0014 | 9,0 |
| 80 LP/4 | 0,75 | 1415 | 5,06 | 3,10 | 1,79 | 0,72 | 83,7 | 3,0 | 3,1 | 5,4 | 0,0019 | 10,2 |
| 90 SP/4 | 1,1 | 1430 | 7,35 | 4,12 | 2,38 | 0,78 | 85,3 | 3,6 | 4,0 | 6,8 | 0,0034 | 15,1 |
| 90 LP/4 | 1,5 | 1415 | 10,1 | 5,59 | 3,23 | 0,79 | 85,3 | 3,3 | 3,5 | 5,9 | 0,0039 | 16,8 |
| 100 LP/4 | 2,2 | 1465 | 14,3 | 7,40 | 4,27 | 0,83 | 88,1 | 2,6 | 3,9 | 8,2 | 0,0081 | 28 |
| 100 AP/4 | 3 | 1460 | 19,6 | 10,5 | 6,06 | 0,81 | 88,1 | 2,4 | 3,6 | 7,3 | 0,0081 | 28 |
| 112 MP/4 | 4 | 1440 | 26,5 | 13,6 | 7,85 | 0,83 | 88,6 | 3,3 | 3,5 | 7,4 | 0,014 | 35,5 |
| 132 SP/4 | 5,5 | 1465 | 35,8 | 18,9 | 10,9 | 0,8 | 90,9 | 3,9 | 4,1 | 8,6 | 0,032 | 55 |
| 132 MP/4 | 7,5 | 1460 | 49,0 | 27,3 | 15,7 | 0,77 | 90,4 | 3,9 | 4,2 | 7,5 | 0,035 | 62 |
| 160 SP/4 | 9,2 | 1470 | 59,8 | 28,9 | 16,7 | 0,88 | 91,0 | 2,9 | 3,3 | 8,1 | 0,067 | 93 |
| 160 MP/4 | 11 | 1465 | 71,7 | 35,5 | 20,5 | 0,85 | 91,4 | 2,9 | 3,4 | 7,4 | 0,067 | 93 |
| 160 LP/4 | 15 | 1465 | 97,8 | 48,3 | 27,9 | 0,85 | 92,3 | 3,8 | 4,3 | 9,1 | 0,092 | 122 |
| 180 MP/4 | 18,5 | 1480 | 119 | 58,9 | 34 | 0,84 | 93,1 | 3,4 | 3,8 | 9,2 | 0,16 | 155 |
| 180 LP/4 | 22 | 1475 | 142 | 68,1 | 39,3 | 0,87 | 93,1 | 2,8 | 3,2 | 8,0 | 0,16 | 155 |
| 225 RP/4 | 30 | 1485 | 193 | 97,3 | 56,2 | 0,82 | 94,1 | 3,0 | 3,4 | 7,8 | 0,49 | 315 |
| 225 SP/4 | 37 | 1485 | 238 | 118 | 68,2 | 0,83 | 94,1 | 2,9 | 3,2 | 7,7 | 0,54 | 330 |
| 225 MP/4 | 45 | 1485 | 289 | 142 | 81,7 | 0,83 | 94,6 | 3,0 | 3,4 | 8,0 | 0,67 | 365 |
| 250 WP/4 | 55 | 1480 | 355 | 166 | 96,1 | 0,87 | 94,6 | 2,6 | 2,8 | 7,0 | 0,82 | 400 |
| 280 SP/4 | 75 | 1485 | 482 | - | 133 | 0,86 | 95 | 2,5 | 3 | 6,9 | 1,39 | 570 |
| 280 MP/4 | 90 | 1485 | 579 | - | 157 | 0,87 | 95,2 | 2,6 | 3 | 7,2 | 1,7 | 670 |
| 315 SP/4 | 110 | 1488 | 706 | - | 191 | 0,87 | 95,4 | 2,6 | 2,9 | 6,8 | 2,2 | 760 |
| 315 MP/4 | 132 | 1490 | 846 | - | 230 | 0,87 | 95,6 | 2,8 | 3 | 7,3 | 2,9 | 960 |
| 315 RP/4 | 160 | 1490 | 1025 | - | 275 | 0,87 | 95,8 | 2,9 | 3,1 | 7,3 | 3,1 | 990 |

* Version B5, without options ** not IE3

**1500 1/min** | **230/400 V / 400/690 V**
**50 Hz** | **4 - pole**

## IE2 - S1

| Type | $P_N$ | $n_N$ | $M_N$ | $I_N$ | | cos | η | | | $M_A/M_N$ | $M_K/M_N$ | $I_A/I_N$ | J | kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 230/400 V | 400/690 V | φ | 1/2 $P_N$ | 3/4 $P_N$ | 4/4 $P_N$ | | | | | * |
| | [kW] | [1/min] | [Nm] | [A] | | | [%] | | | | | | [kgm²] | [kg] |
| **63 S/4 | 0,12 | 1335 | 0,86 | 0,95 / 0,55 | | 0,64 | | | 49,9 | 2,7 | 2,7 | 2,9 | 0,00021 | 3,6 |
| **63 L/4 | 0,18 | 1360 | 1,26 | 1,18 / 0,68 | | 0,64 | | | 56,2 | 2,5 | 2,6 | 3,3 | 0,00028 | 4,2 |
| **71 S/4 | 0,25 | 1380 | 1,73 | 1,32 / 0,76 | | 0,77 | | | 61,6 | 2,2 | 2,1 | 3,3 | 0,00072 | 5,4 |
| **71 L/4 | 0,37 | 1380 | 2,56 | 1,89 / 1,09 | | 0,71 | | | 64,4 | 2,0 | 2,4 | 3,6 | 0,00086 | 6,3 |
| 80 SH/4 | 0,55 | 1420 | 3,73 | 2,44 / 1,41 | 1,41 / 0,81 | 0,70 | 77,7 | 80,7 | 80,8 | 3,1 | 3,2 | 5,1 | 0,0014 | 9,0 |
| 80 LH/4 | 0,75 | 1415 | 5,06 | 3,05 / 1,76 | 1,76 / 1,02 | 0,75 | 81,6 | 83,0 | 82,4 | 3,0 | 3,1 | 5,2 | 0,0019 | 10,2 |
| 90 SH/4 | 1,1 | 1435 | 7,32 | 4,19 / 2,42 | 2,42 / 1,40 | 0,80 | 80,9 | 82,0 | 81,8 | 3,1 | 3,5 | 6,1 | 0,0034 | 15,1 |
| 90 LH/4 | 1,5 | 1415 | 10,1 | 5,80 / 3,34 | 3,34 / 1,93 | 0,79 | 81,3 | 82,4 | 82,8 | 3,3 | 3,5 | 5,8 | 0,0039 | 16,8 |
| 100 LH/4 | 2,2 | 1445 | 14,5 | 8,10 / 4,65 | 4,65 / 2,68 | 0,79 | 85,2 | 86,7 | 86,6 | 3,7 | 4,3 | 7,3 | 0,0075 | 25,2 |
| 100 AH/4 | 3 | 1425 | 20,3 | 11,4 / 6,59 | 6,59 / 3,80 | 0,77 | 86,4 | 86,7 | 85,6 | 3,1 | 3,5 | 6,3 | 0,0075 | 25,2 |
| 112 MH/4 | 4 | 1440 | 26,6 | 13,9 / 8,02 | 8,02 / 4,63 | 0,83 | 87,4 | 87,6 | 86,7 | 3,1 | 3,6 | 7,5 | 0,014 | 35,5 |
| 132 SH/4 | 5,5 | 1460 | 36,0 | 18,5 / 10,7 | 10,7 / 6,18 | 0,84 | 87,6 | 88,5 | 88,2 | 3,1 | 3,5 | 7,5 | 0,032 | 55 |
| 132 MH/4 | 7,5 | 1460 | 49,1 | 26,0 / 15,0 | 15,0 / 8,70 | 0,81 | 88,5 | 89,5 | 89,3 | 3,3 | 3,9 | 7,5 | 0,035 | 62 |
| 132 LH/4 | 9,2 | 1450 | 60,6 | 34,0 / 19,6 | 19,6 / 11,3 | 0,77 | 87,6 | 89,7 | 89,3 | 3,4 | 3,8 | 7,4 | 0,035 | 62 |
| 160 SH/4 | 9,2 | 1465 | 59,8 | 29,4 / 17,0 | 17,1 / 9,80 | 0,87 | 90,3 | 90,9 | 90,5 | 3,3 | 3,6 | 8,2 | 0,067 | 93 |
| 160 MH/4 | 11 | 1465 | 71,7 | 35,7 / 20,6 | 20,6 / 11,9 | 0,86 | 90,8 | 91,3 | 91,2 | 2,9 | 3,4 | 7,4 | 0,067 | 93 |
| 160 LH/4 | 15 | 1465 | 97,8 | 47,6 / 27,5 | 27,5 / 15,9 | 0,87 | 91,7 | 92,4 | 92,0 | 3,0 | 3,5 | 7,9 | 0,092 | 122 |
| 180 MH/4 | 18,5 | 1475 | 120 | 59,9 / 34,6 | 34,6 / 20,0 | 0,84 | 92,2 | 92,6 | 92,2 | 2,9 | 3,2 | 7,7 | 0,13 | 137 |
| 180 LH/4 | 22 | 1475 | 143 | 69,8 / 40,3 | 40,3 / 23,3 | 0,86 | 92,7 | 92,9 | 92,2 | 2,8 | 3,1 | 7,7 | 0,16 | 155 |
| 200 XH/4 | 30,0 | 1470 | 195 | 102 / 59,0 | 59,0 / 34,1 | 0,80 | 92,8 | 92,8 | 92,4 | 2,8 | 3,1 | 7,1 | 0,16 | 155 |
| 225 SH/4 | 37,0 | 1480 | 239 | 117,7 / 67,7 | 67,7 / 39,1 | 0,85 | 94,4 | 94,2 | 93,7 | 2,6 | 3,0 | 6,9 | 0,49 | 315 |
| 225 MH/4 | 45,0 | 1480 | 290 | 141,0 / 81,4 | 81,4 / 47,0 | 0,84 | 94,4 | 94,5 | 94,0 | 2,6 | 2,7 | 6,9 | 0,60 | 340 |
| 250 WH/4 | 55,0 | 1480 | 355 | 172,0 / 99,3 | 99,3 / 57,3 | 0,84 | 94,2 | 94,4 | 94,0 | 2,7 | 3,0 | 7,4 | 0,74 | 380 |
| 280 SH/4 | 75,0 | 1485 | 482 | | 132 / 76,0 | 0,87 | 92,5 | 94,1 | 94,0 | 2,5 | 2,9 | 6,8 | 1,40 | 550 |
| 280 MH/4 | 90,0 | 1486 | 578 | | 160 / 92,0 | 0,86 | 92,7 | 94,3 | 94,2 | 2,7 | 3,1 | 7,5 | 1,70 | 570 |
| 315 SH/4 | 110 | 1488 | 706 | | 193 / 111 | 0,87 | 93,0 | 94,6 | 94,5 | 2,7 | 2,9 | 7,1 | 2,30 | 740 |
| 315 MH/4 | 132 | 1488 | 847 | | 230 / 133 | 0,88 | 93,2 | 94,8 | 94,7 | 2,7 | 2,9 | 7,3 | 2,90 | 870 |
| 315 RH/4 | 160 | 1490 | 1026 | | 275 / 159 | 0,88 | 93,4 | 95,0 | 94,9 | 3,0 | 3,0 | 7,4 | 3,50 | 940 |
| 315 LH/4 | 200 | 1490 | 1282 | | 345 / 199 | 0,88 | 93,6 | 95,2 | 95,1 | 3,2 | 3,0 | 7,6 | 4,20 | 1140 |

## IE1 - S1, S9

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **63 S/4 | 0,12 | 1335 | 0,86 | 0,95 / 0,55 | 0,55 / 0,32 | 0,64 | 40,9 | 48,1 | 50 | 2,7 | 2,7 | 2,9 | 0,00021 | 3,6 |
| **63 L/4 | 0,18 | 1390 | 1,24 | 1,18 / 0,68 | 0,68 / 0,39 | 0,61 | 51,2 | 56 | 58 | 2,6 | 2,7 | 3 | 0,00028 | 4,2 |
| **71 S/4 | 0,25 | 1380 | 1,73 | 1,32 / 0,76 | 0,76 / 0,44 | 0,77 | 58,9 | 62,5 | 63 | 2,2 | 2,1 | 3,3 | 0,00072 | 5,4 |
| **71 L/4 | 0,37 | 1380 | 2,56 | 1,89 / 1,09 | 1,09 / 0,63 | 0,71 | 60,6 | 65,7 | 67 | 2 | 2,4 | 3,6 | 0,00086 | 6,3 |
| 80 S/4 | 0,55 | 1375 | 3,82 | 2,63 / 1,52 | 1,52 / 0,88 | 0,73 | 74,5 | 75,9 | 75,1 | 1,9 | 2 | 3,3 | 0,00109 | 8 |
| 80 L/4 | 0,75 | 1375 | 5,21 | 3,64 / 2,10 | 2,10 / 1,21 | 0,74 | 74,7 | 76,3 | 75,5 | 2 | 2,1 | 3,5 | 0,0014 | 9 |
| 90 S/4 | 1,1 | 1395 | 7,53 | 4,87 / 2,81 | 2,81 / 1,62 | 0,74 | 75,7 | 77,9 | 77,6 | 2,3 | 2,6 | 4,4 | 0,00235 | 12 |
| 90 L/4 | 1,5 | 1395 | 10,3 | 6,15 / 3,55 | 3,55 / 2,05 | 0,78 | 78,7 | 79,1 | 77,5 | 2,3 | 2,6 | 4,8 | 0,00313 | 14 |
| 100 L/4 | 2,2 | 1440 | 14,6 | 9,01 / 5,20 | 5,20 / 3,00 | 0,74 | 79,5 | 81,2 | 80,8 | 2,3 | 3 | 5,1 | 0,0045 | 18 |
| 100 LA/4 | 3 | 1415 | 20,2 | 11,3 / 6,52 | 6,52 / 3,76 | 0,76 | 83,3 | 84,2 | 83,3 | 2,5 | 2,9 | 5,4 | 0,006 | 21 |
| 112 M/4 | 4 | 1445 | 26,4 | 14,4 / 8,31 | 8,31 / 4,80 | 0,8 | 86,4 | 86,4 | 85,1 | 2,3 | 2,9 | 5,4 | 0,011 | 30 |
| 132 S/4 | 5,5 | 1445 | 36,5 | 19,8 / 11,4 | 11,4 / 6,58 | 0,81 | 88 | 88,5 | 87,9 | 2,1 | 2,7 | 5,5 | 0,024 | 44 |
| 132 M/4 | 7,5 | 1445 | 49,6 | 25,6 / 14,8 | 14,8 / 8,54 | 0,84 | 89,4 | 89,1 | 87,7 | 2,5 | 2,8 | 5,5 | 0,032 | 55 |
| 132 MA/4 | 9,2 | 1450 | 60,6 | 32,6 / 18,8 | 18,8 / 10,9 | 0,80 | 87,7 | 87,7 | 86,9 | 2,6 | 3,1 | 6,0 | 0,035 | 62 |
| 160 M/4 | 11 | 1455 | 72,2 | 36,2 / 20,9 | 20,9 / 12,1 | 0,85 | 89,5 | 89,6 | 88,8 | 2,4 | 2,9 | 6,5 | 0,050 | 78 |
| 160 L/4 | 15 | 1460 | 98,1 | 48,8 / 28,2 | 28,2 / 16,3 | 0,85 | 90,4 | 90,5 | 89,7 | 2,9 | 3,5 | 7,5 | 0,067 | 93 |
| 180 MX/4 | 18,5 | 1460 | 122 | 61,3 / 35,4 | 35,4 / 20,4 | 0,83 | 90,3 | 90,8 | 90,3 | 3,2 | 3,8 | 7,5 | 0,080 | 107 |
| 180 LX/4 | 22 | 1460 | 145 | 75,5 / 43,6 | 43,6 / 25,2 | 0,82 | 90,3 | 90,7 | 90,3 | 3,3 | 3,8 | 7,5 | 0,092 | 122 |
| 200 LX/4 | 30 | 1470 | 195 | 99,8 / 57,6 | 57,6 / 33,3 | 0,83 | 91,9 | 91,6 | 90,7 | 2,6 | 3,0 | 6,9 | 0,160 | 155 |

* Version B5, without options ** not IE1, IE2

# Notes

# An overview of the NORD range

**G1000 Fixed speeds**
**UNICASE housing 50 Hz, 60 Hz**

- NORDBLOC.1 Helical geared motors
- Helical geared motors
- Parallel geared motors
- Bevel geared motors
- Helical worm geared motors

**G4014 Electronic variable speed drives**

- NORDBLOC.1 Helical geared motors
- Helical geared motors
- Parallel geared motors
- Bevel geared motors
- Helical worm geared motors

**G1050 MAXXDRIVE Industrial gear units**
**UNICASE housing 50 / 60 Hz**

- Parallel-Axis
- Right-Angle

**G1035 UNIVERSAL Schneckengetriebe**

- SI and SMI

**F3018 Frequency inverter SK180E**
**F3020 Frequency inverter SK200E**

**F3060 NORDAC PRO**
**Frequency inverter SK500P**

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