

Over 60,000 drive units in airports worldwide

### Energy efficient

- ▶ Through compliance with the most stringent specified efficiency regulations
- ▶ Considerable reduction of TCO
- ▶ High efficiency, even in partial load ranges and at low speeds thanks to PMSM technology

### Variant reduction

- ▶ Standardisation of geared motor versions specially tailored to intralogistic and airport technology
- ▶ Easy Engineering
- ▶ Easy Selection
- ▶ Large speed range through inverter technology

### Service and maintenance friendly

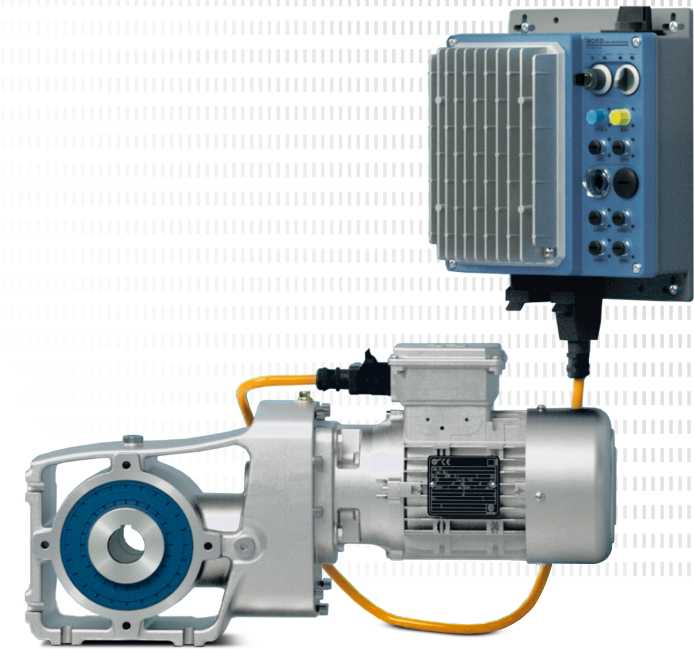
- ▶ Considerable reduction of spare part stocks
- ▶ Service friendly through plug-and-play technology
- ▶ Compact, space-saving design
- ▶ 25% weight reduction with lightweight aluminium housing
- ▶ Replacement of individual components possible

### Global presence

- ▶ NORD DRIVESYSTEMS is represented in 98 countries throughout the world
- ▶ Global production, assembly, service and sales network

#### EN

Headquarters:  
 Getriebebau NORD GmbH & Co. KG  
 Getriebebau-Nord-Str. 1  
 22941 Bargteheide, Germany  
 T +49 4532 289 0,  
 F +49 4532 289 2253  
 info@nord.com



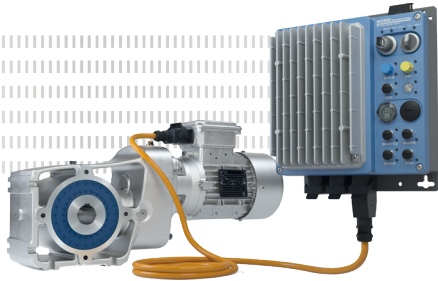


**LogiDrive**<sup>®</sup>

**Energy efficient,  
 standardized,  
 service friendly**

For intralogistics and airport applications

The ideal solution for intralogistics and airports



**LogiDrive**

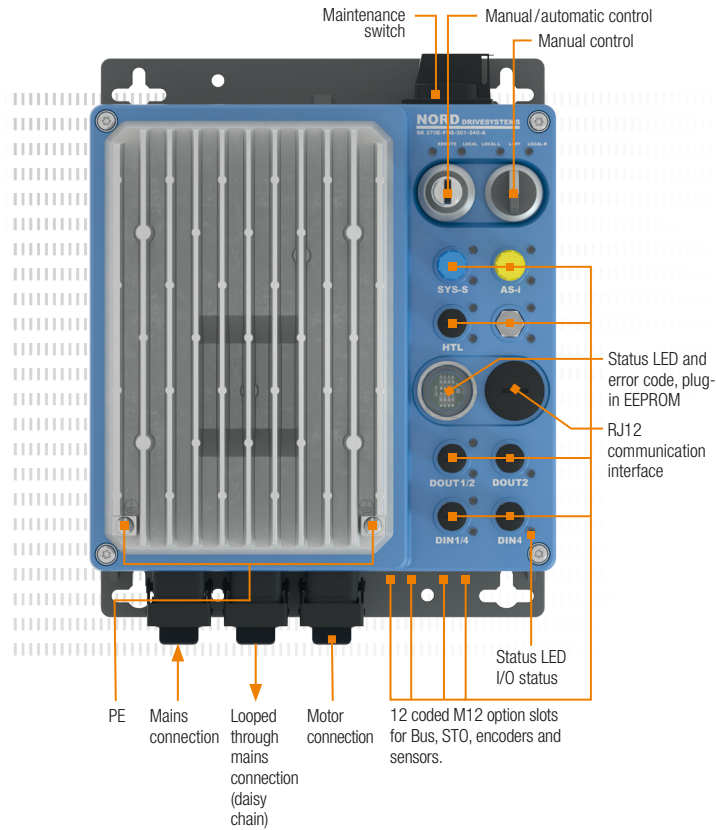
- ▶ Highly efficient 2-stage bevel gear unit
- ▶ IE4 PMSM synchronous motor
- ▶ Power plug connector
- ▶ Signal connector
- ▶ Incremental encoder
- ▶ Pre-assembled cable
- ▶ High overload capacity

**Reduced number of variants with the NORD modular system**

Size	LDB1100	LDB1500	LDB2200
P	1.1 kW	1.5 kW	2.2 kW
n2N	0 – 565 rpm	0 – 482 rpm	0 – 482 rpm
M2N	20 – 130 Nm	30 – 230 Nm	45 – 260 Nm
Gear units	92372.1 A	92672.1 A	92672.1 A
Motor	80T1/4	90T1/4	90T3/4
Frequency inverters	NORDAC LINK SK 250E151-340-A	NORDAC LINK SK 250E221-340-A	NORDAC LINK SK 250E301-340-A

Available hollow shaft diameters: Ø 30 mm or Ø 35 mm

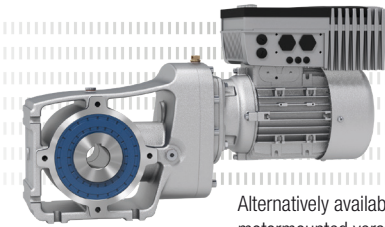
With the NORD modular system, the number of variants can be reduced. Reduction of the number of variants saves TCO costs for the end user.



**NORDAC LINK field distribution system (SK 250E)**

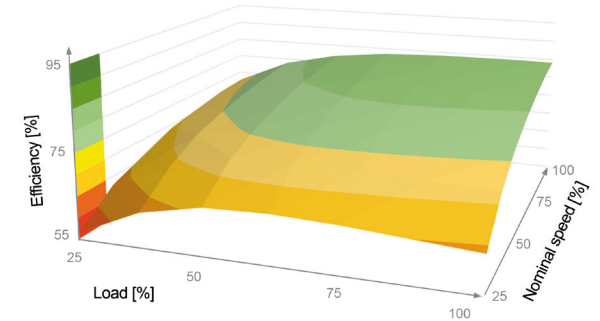
- ▶ Internal braking resistor
- ▶ External 24V DC supply for the control board. This ensures the same potential for all drive units. The drive units can be accessed via the bus even without the 400V AC mains voltage, as the control board remains active due to the 24V DC supply.
- ▶ Decentralised installation; motor-mounted or wall-mounted. Plug-in inverter
- ▶ Plug-in EEPROM  
Data can be transferred if servicing is required

**IE4 drive unit energy efficient**



Use of IE4 synchronous motors minimises overall costs during service life. NORD IE4 motors achieve considerably greater efficiency and a fast return on investment (ROI).

**IE3 drive units**



**IE4 drive units**

