

Over 60,000 drive units in airports worldwide

### Energy Efficient IE4 IE5

- ▶ Compliance with the most stringent efficiency regulations
- ▶ Considerable reduction of Total Cost of Ownership
- ▶ High efficiency, even in partial load ranges and at low speeds due to Permanent Magnet Synchronous Motor (PMSM) technology

### Variant Reduction

- ▶ Standardization of geared motor versions tailored specifically for intralogistics and airport technology
- ▶ Simplified engineering and selection
- ▶ Constant torque over a wide speed range through variable frequency drive technology

### Service and Maintenance Friendly

- ▶ Considerable reduction of spare parts inventory
- ▶ 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

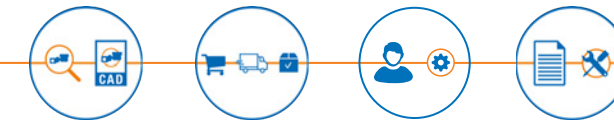
- ▶ NORD DRIVESYSTEMS is represented in 98 countries throughout the world
- ▶ Global production, assembly, service, and sales network

## Ordering is Easy With myNORD Online Tools!

- ▶ Obtain drawing files direct from quote configuration
- ▶ Effortlessly select & configure customized drive solutions
- ▶ Create quotes with account-specific net pricing
- ▶ Order-specific documentation
- ▶ 24/7/365 order tracking
- ▶ Select and order spare parts



**LogiDrive**<sup>®</sup>



[www.nord.com](http://www.nord.com)

#### NORD Gear Corporation - US

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**Energy Efficient,  
Standardized,  
Service Friendly**

For intralogistics and airport applications



The Ideal Solution for Intralogistics and Airports



**LogiDrive**

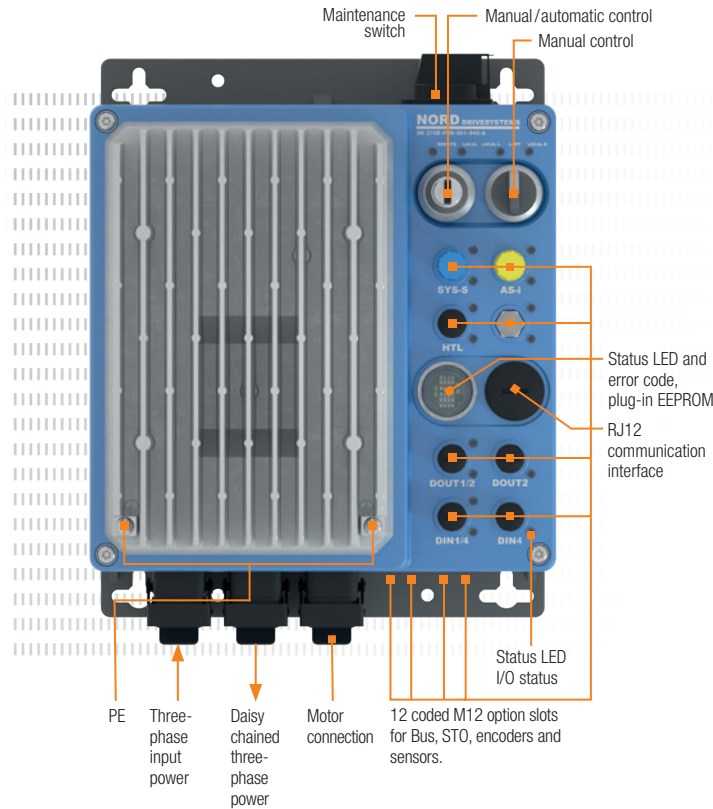
- ▶ Highly efficient 2-stage bevel gear unit
- ▶ IE5+ Permanent Magnet Synchronous Motor
- ▶ Power plug connector
- ▶ Signal connector
- ▶ Incremental encoder
- ▶ Pre-assembled cable
- ▶ High overload capacity

Variant Reduction with the NORD modular system

Size	LDB1100	LDB1500	LDB2200
P	1.5 HP	2 HP	3 HP
n2N	0 – 565 rpm	0 – 482 rpm	0 – 482 rpm
M2N	177 – 1150 lb-in	266 – 2036 lb-in	398 – 2301 lb-in
Gear units	92372.1 A	92672.1 A	92672.1 A
Motor	80T1/4	90T1/4	90T3/4
VFDs	NORDAC LINK SK 250E151-340-A	NORDAC LINK SK 250E221-340-A	NORDAC LINK SK 250E301-340-A

Available hollow shaft diameters: Ø 1.4375" / 30 mm or 1.500" / Ø 35 mm

With the NORD modular system, the number of variants can be reduced, saving on Total Cost of Ownership for the end user.

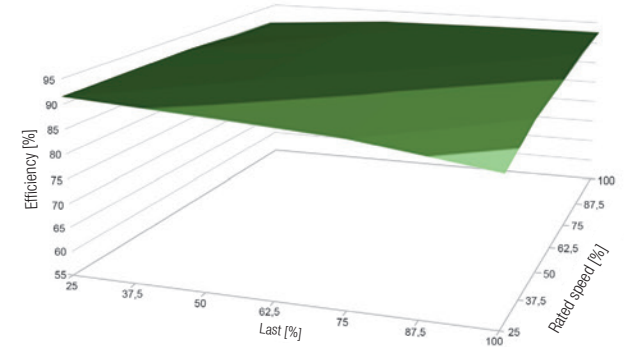


**NORDAC LINK Field Distribution System (SK 250E)**

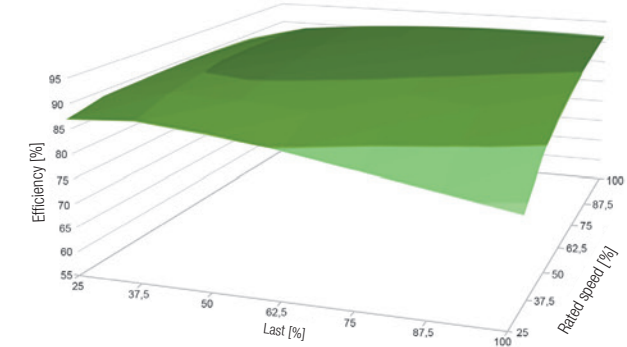
- ▶ Internal braking resistor
- ▶ External 24V DC supply for the control board. This ensures the same potential for all drive units. The drive units can be accessed via the bus even without the 400V AC mains voltage, as the control board remains active due to the 24V DC supply.
- ▶ Decentralized installation;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

**IE5+ Synchronous Motor**

The use of IE5+ synchronous motors minimizes overall costs during service life, achieves considerably greater efficiency, and provides a faster return on investment (ROI).



**IE4 Synchronous Motor**



**IE3 Asynchronous Motor**

