NORD DRIVESYSTEMS Group

Headquarters and technology center
in Bargteheide, near Hamburg

Innovative drive solutions
for more than 100 branches of industry

Mechanical products
Parallel shaft, helical, bevel and worm gear units

Electrical products
IE2/IE3/IE4/IE5 motors

Electronic products
Centralized and decentralized frequency inverters
and motor starters

7 production locations with cutting edge technology
for all drive components

**Subsidiaries and sales partners
in 98 countries on 5 continents**
provide local inventory, assembly, technical support and
industry leading customer service
More than 3,600 employees throughout the world
create customized solutions.

www.nord.com/locator

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(US)

OPTIMIZED DESIGN
FOR NORD
ASYNCHRONOUS MOTORS

NORD
DRIVESYSTEMS

OPTIMIZED DESIGN
FOR NORD ASYNCHRONOUS MOTORS*

NORD
DRIVESYSTEMS

What is not changing?

■ Same outer dimensions

■ Mounting design options - Direct mount, NEMA and IEC

What is new and improved?

■ **Design Improvements**

▶ Modern angular design due to cooling fins adapted in depth and shape

▶ Terminal box without sharp edges and corners

▶ Directly integrated imperial and metric conduit connections - No more NPT adapters required!

▶ Reinforced feet for better stability

■ **Improved Cooling**

▶ Airflow is enhanced by curved cooling fins

▶ Cooling fins flow around the terminal box

■ **Updated Fan Cover**

▶ Modern appearance

▶ Efficient installation and removal even with NORD motor mounted VFD

■ **Assembly Optimized Rotor Fan**

▶ Quick click mechanism for simple install or removal

■ **Upgraded Encoder Installation**

▶ Full impact protection and improved torque support through assembly between the fan and bearing shield

▶ Optimized motor cooling with encoder moved away from fan inlet

▶ Retrofit of an encoder possible

Terminal box without sharp edges

New fan cover design

Assembly-optimized fan

Curved cooling fins

Enhanced airflow around the terminal box

Increased stability

*Motor frame Size 100 only (3 HP & 4 HP)
Additional sizes to be developed.

Optimized Design for NORD Asynchronous Motors

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