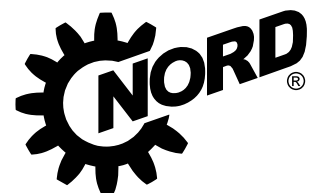




Synchronous Motor with IE5+ Energy Efficiency

Efficient and compact



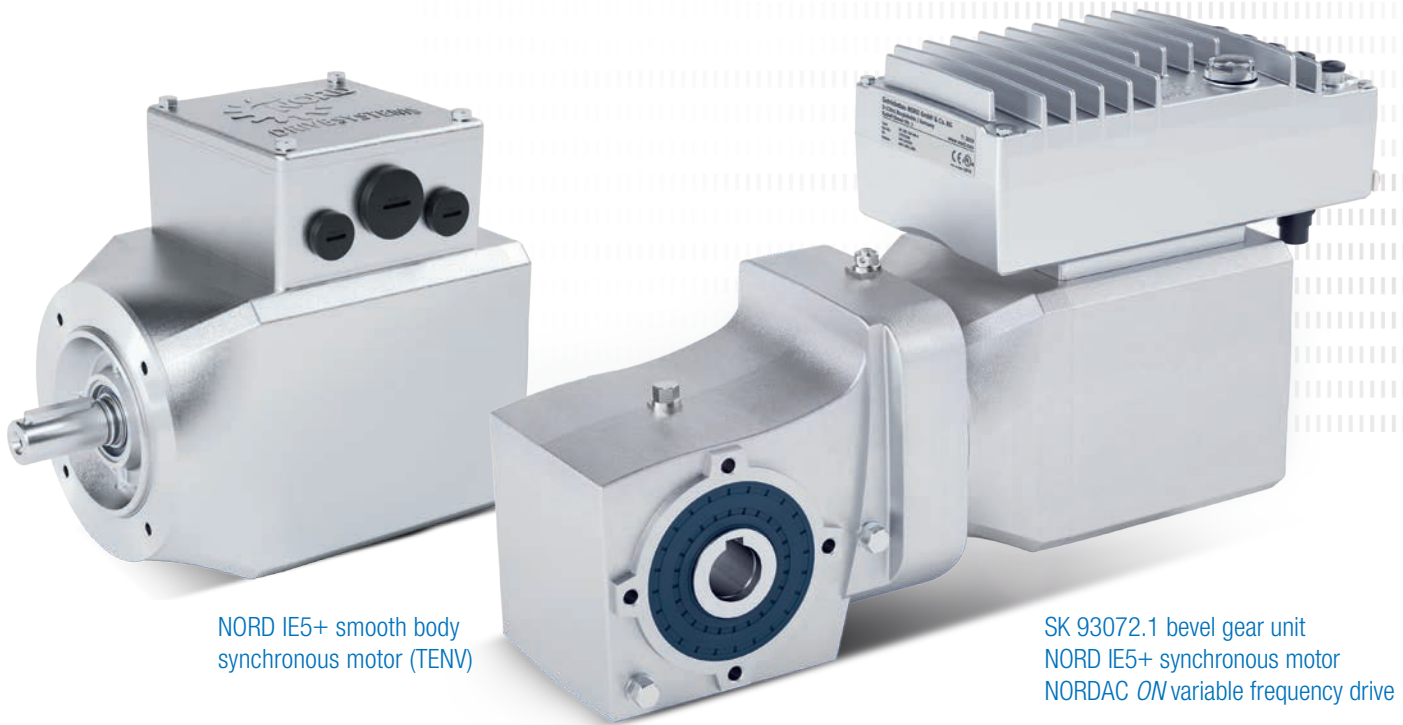
DRIVESYSTEMS

Our Solution. Your Success.

Synchronous Motor with IE5+ Energy Efficiency

The new IE5+ motor generation is designed for minimizing variants and reducing operating costs

- ▶ Highest operational efficiency with IE5+ technology
- ▶ Variant reduction and constant torque over a wide speed range
- ▶ Consistent efficiency even at partial load and low speed ranges
- ▶ Reduced TCO and fast ROI
- ▶ Fully matched NORD modular system solution with gear unit, motor, and variable frequency drive

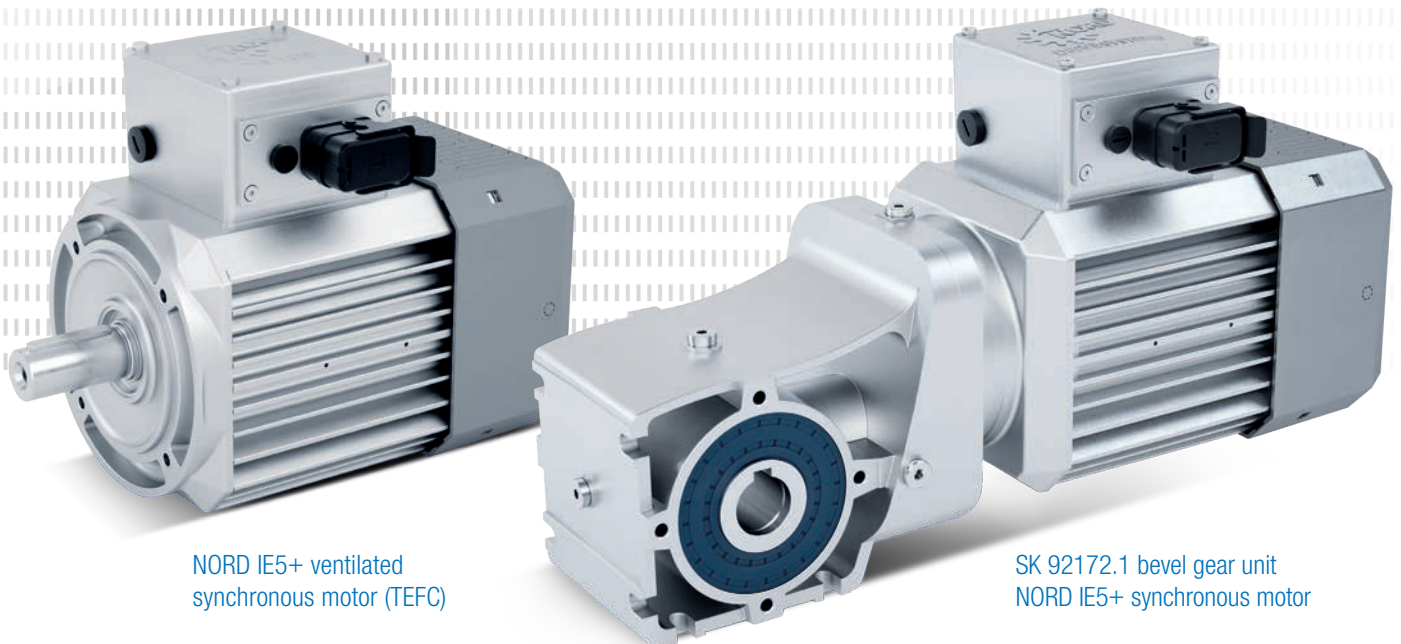


NORD IE5+ smooth body synchronous motor (TENV)

SK 93072.1 bevel gear unit
NORD IE5+ synchronous motor
NORDAC *ON* variable frequency drive

Features:

- ▶ Latest generation permanent magnet synchronous motor (PMSM)
- ▶ Two case sizes (71, 90) with:
 - ▶ Power range: Ventilated (TEFC): 0.50 – 5.00 hp
 - ▶ Non-ventilated (TENV): 0.50 – 3.00 hp
 - ▶ Continuous torque from 14 – 130 lb-in
- ▶ Speed range from 0 – 2,400 rpm
- ▶ Available with direct mounting to all NORD gear units, NEMA C-face, IEC B14, and IEC B5 flange mounting
- ▶ Optional IP69K protection class
- ▶ Optional integrated encoder
- ▶ Optional integrated mechanical brake



NORD IE5+ ventilated
synchronous motor (TEFC)

SK 92172.1 bevel gear unit
NORD IE5+ synchronous motor

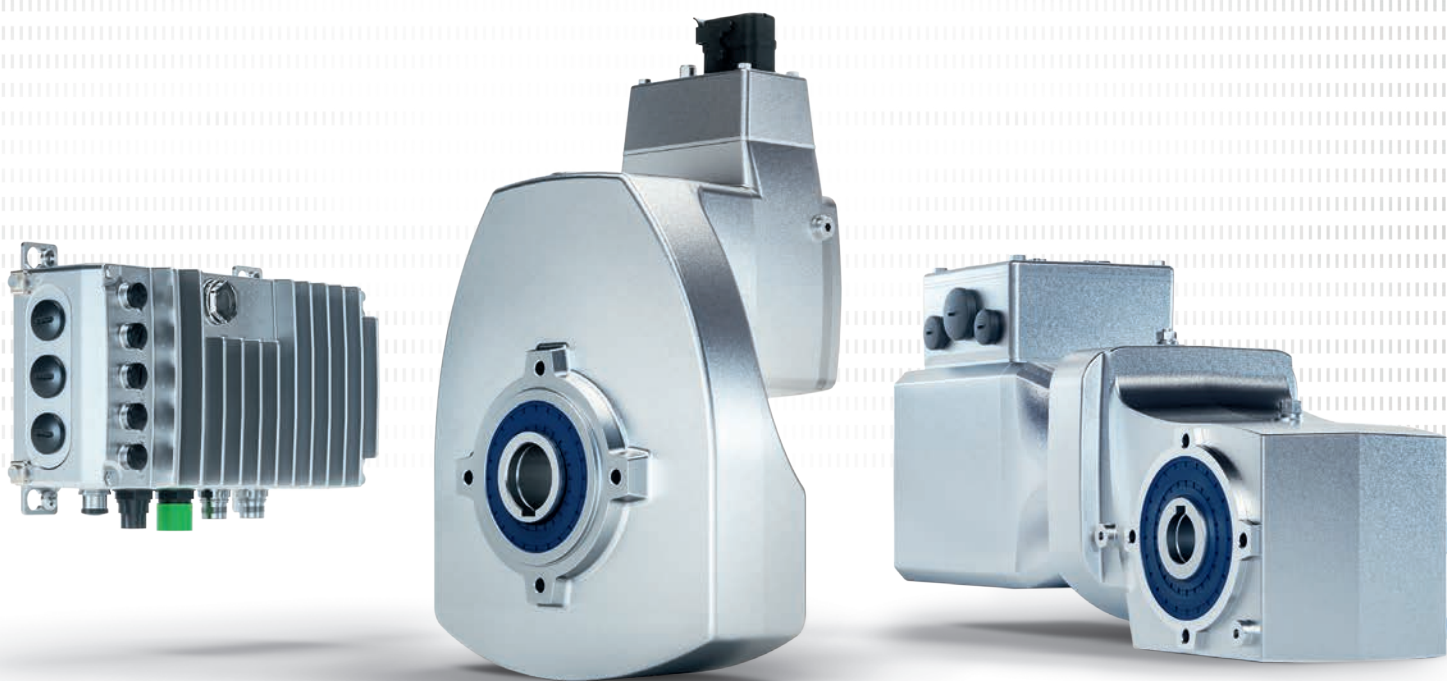
Variant Reduction

By reducing the number of variants, it is possible to minimize administrative expenses and set up leaner manufacturing, logistics, storage, and service processes. The new generation of IE5+ motors combines the benefits of NORD's modular system with the possibility of reducing system variants. This solution is tailored to each customer and features the following advantages:

- ▶ Motors meet all international standards and can be operated worldwide
- ▶ High system overload capacity
- ▶ Wide speed range
- ▶ Compact footprint with high power density

INNOVATIVE, EFFICIENT SOLUTIONS FOR ALL-AROUND COMPATIBILITY.

Innovative, Compatible, Future-Ready:
DuoDrive, IE5+, and NORDAC *ON/ON+*.



For more information:



M5000
Synchronous
Motors IE5+



G5000
Geared Motors
with IE5+



G5010
DuoDrive

US

Central Region
Corporate Headquarters
800 NORD Drive
Waunakee, WI 53597
Tel. 888.314.6673
info.us@nord.com
www.nord.com

East Region
300E Forsyth Hall Dr.
Charlotte, NC 28273
Tel. 888.314.6673
info.us@nord.com

West Region
1180 Railroad St.
Corona, CA 92882
Tel. 888.314.6673
info.us@nord.com

South Region
350 Cypress Hill Dr, Suite 400
McKinney, TX 75071
Tel. 888.314.6673
info.us@nord.com

CA

NORD Gear Limited
Brampton, ON
41 West Drive
Brampton, ON L6T4A1
Tel. 800.668.4378
info.ca@nord.com

MX

NORD DRIVE SYSTEMS SA DE CV
Queretaro, Mexico
Av. Industria Textil B.6
Parque Industrial PYME, Huimilpan
QRO - Mexico 76950
Tel. 52 442 688 7110
info.mx@nord.com