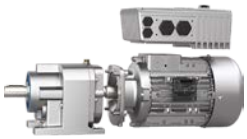

General Enquiry Form

NORD DRIVESYSTEMS

Company: _____

Customer number: _____

Town / Zip Code/ Country: _____

Contact: _____

E-Mail: _____ Reference: _____

Phone: _____ Date: _____

Please send the request to your local NORD contact.
See homepage:
www.nord.com
(NORD group ➔ Sales)

Helical-inline* G1000/G2000 ○	Helical-Parallel shaft* G1000 ○	Helical-bevel* G1000 ○	Worm* G1000/G1035 ○

○ Geared motor ○ Adapter for IEC-/Nema-motor/Servo* ○ Stand alone motor (M7000)

○ W ï type (free input shaft): External forces: Axial F_{A1}: _____ [N] | Radial F_{R1}: _____ [N]; Lever from shaft shoulder: _____ [mm]

Gear type acc. to catalogue: _____ Quantity: _____

Gearbox-specific parameter

Clear section

Output speed n_2 at line frequency: _____ [min^{-1}]

Output torque M_2: _____ [Nm]

Ratio i: _____

Mounting position (M1 ï M6) : _____

Flange: ○ B14 ○ B5 ï _____ [mm]

○ Hollow shaft ○ Solid shaft ï _____ x _____ [mm]

Operating factor f_B: _____

Minimum bearing life L10h: _____ [h]

External forces at output: Axial F_{A2}: _____ [N]

Radial F_{R2}: _____ [N] | Lever from shaft shoulder: _____ [mm]

Bearing: ○ normal ○ VL ○ VL2 ○ VL3 ○ AL

Helical-bevel and Worm: A/B side for flange/shaft*

Oil: ○ Mineral ○ Synthetic ○ Food grade ○ Bio-degradable

Special oil: _____

Motor-specific parameter

Clear section

Rated motor power P_1 : _____ [kW]

Motor speed n_1: _____ [min^{-1}]

☐ PTC thermistors (TF) ☐ Bimetallic switches (TW)

Line voltage: _____ [V] | Line frequency: _____ [Hz]

Efficiency class: ○ IE1 ○ IE2 ○ IE3 ○ IE4

Protection class: ○ IP55 (Standard) ○ IP _____

Operating mode: ○ S1 (Standard) ○ S ____*

Cycle rate: _____ [c/h]

Cycle duty: _____ [%] ☐ Backstop (RLS)

Ventilation: ○ Standard ○ External (F) ○ None (OL)

Terminal box position: _____ Cable entries: _____

Brake-specific parameter

Clear section

Brake torque M_B: _____ [Nm] ☐ Manual release (HL)

Brake-/Coil voltage: _____ [V]

○ Parking/emergency brake ○ Working brake

Frequency inverter operation

Clear section

○ Cabinet mounted ○ Motor mounted

Frequency range from: _____ [Hz] to _____ [Hz]

Motor speed $n_{1:}$ _____ [min^{-1}] to _____ [min^{-1}]

Constant torque within frequency range: _____ [Nm]

Characteristic: ○ 50 Hz ○ 70 Hz ○ 87 Hz ○ 100 Hz

Encoder*: ○ Incremental ○ Absolute

Regenerative operation: Generated power _____ [kW]

Ambient conditions

Clear section

Ambient temperature: min._____ to max._____ [ÁC]

Max. rel. humidity RH: _____ [%]

Max. installation height (if > 1.000 m): _____ [m]

☐ Indoor ☐ Outdoor ☐ Water contact* ☐ Direct sun light

Other (dust/dirt/aggressive media; mechanical/chemical)*

ATEX

Clear section

ATEX gas		ATEX dust	
○ Zone 1	Ex II 2G	○ Zone 21	Ex II 2D
○ Zone 2	Ex II 3G	○ Zone 22	Ex II 3D
○ Ex e	II T3	○ Non-conductive dust	
○ Ex de	IIC T4	○ Conductive dust (only Zone 22)	

Paint / Surface treatment

Clear section

○ None ○ 1.0 ○ 2.0 (Standard) ○ 3.0 ○ 3. _____

Colour (RAL): ○ Blue (5010) ○ Grey (7031)

○ Special colour (RAL-No. / Colour): _____

Comments

ATEX documentation, O&M manuals (language code according to ISO 639-1):

☐DE ☐BG ☐ZH ☐CS ☐DA ☐ES ☐FI ☐FR ☐EN ☐EL ☐HU ☐IT ☐NL ☐NO ☐PL ☐PT ☐RU ☐SV ☐SK ☐LV ☐RO