



GEARED AND ELECTRIC MOTOR ENQUIRY FORM



Company : _____
 Customer number : _____
 Country : _____
 Contact : _____
 E-mail : _____
 Phone : _____

Preferred partners:

 Reference: _____
 Date: _____

Helical-inline* <input type="radio"/>	Helical-Parallel shaft* <input type="radio"/>	Helical-Bevel* <input type="radio"/>	Worm <input type="radio"/>	Electric Motor <input type="radio"/>	Industrial Gear Unit <input type="radio"/>
<input type="radio"/> Geared motor		<input type="radio"/> Adapter for IEC Motor		<input type="radio"/> Stand alone motor	
Application : _____			Quantity : _____		

Gearbox-specific parameter		Frequency inverter operation		
Output speed n_2 at line frequency: _____ [min^{-1}]	<input type="radio"/> Cabinet mounted	<input type="radio"/> Motor mounted		
Output torque M_2 : _____ [Nm]	Frequency range from: _____ [Hz] to _____ [Hz]			
Ratio i: _____	Motor speed n_1 : _____ [min^{-1}] to _____ [min^{-1}]			
Mounting position (M1 – M6) : _____	Constant torque within frequency range: _____ [Nm]			
Flange: <input type="radio"/> B14 <input type="radio"/> B5 \varnothing _____ [mm]	Characteristic: <input type="radio"/> 50 Hz <input type="radio"/> 70 Hz <input type="radio"/> 87 Hz <input type="radio"/> 100 Hz			
<input type="radio"/> Hollow shaft <input type="radio"/> Solid shaft \varnothing _____ x _____ [mm]	Encoder*: <input type="radio"/> Incremental <input type="radio"/> Absolute			
Operating factor f_B : _____	Regenerative operation: Generated power _____ [kW]			
Minimum bearing life L10h: _____ [h]	Ambient conditions			
External forces at output: Axial F_{A2} : _____ [N]	Ambient temperature: min. _____ to max. _____ [$^{\circ}\text{C}$]			
Radial F_{R2} : _____ [N] Lever from shaft shoulder: _____ [mm]	Max. rel. humidity RH: _____ [%]			
Bearing: <input type="radio"/> normal <input type="radio"/> VL <input type="radio"/> VL2 <input type="radio"/> VL3 <input type="radio"/> AL	Max. installation height (if > 1.000 m): _____ [m]			
Helical-bevel and Worm: A/B side for flange/shaft*	<input type="radio"/> Indoor <input type="radio"/> Outdoor <input type="radio"/> Water contact* <input type="radio"/> Direct sun light			
Oil: Mineral Synthetic Food grade Bio-degradable	Other (dust/dirt/aggressive media; mechanical/chemical)*			
Special oil: _____	ATEX			
Motor-specific parameter	ATEX gas		ATEX dust	
Rated motor power P_1 : _____ [kW]	<input type="radio"/> Zone 1	<input type="radio"/> Ex II 2G	<input type="radio"/> Zone 21	<input type="radio"/> Ex II 2D
Motor speed n_1 : _____ [min^{-1}]	<input type="radio"/> Zone 2	<input type="radio"/> Ex II 3G	<input type="radio"/> Zone 22	<input type="radio"/> Ex II 3D
<input type="radio"/> PTC thermistors (TF) <input type="radio"/> Bimetallic switches (TW)	<input type="radio"/> Ex e	<input type="radio"/> II T3	<input type="radio"/> Non-conductive dust	
Line voltage: _____ [V] Line frequency: _____ [Hz]	<input type="radio"/> Ex de	<input type="radio"/> IIC T4	<input type="radio"/> Conductive dust (only Zone 22)	
Efficiency class: <input type="radio"/> IE1 <input type="radio"/> IE2 <input type="radio"/> IE3 <input type="radio"/> IE4	Paint / Surface treatment			
Protection class: <input type="radio"/> IP55 (Standard) <input type="radio"/> IP _____	<input type="radio"/> None <input type="radio"/> 1.0 <input type="radio"/> 2.0 (Standard) <input type="radio"/> 3.0 <input type="radio"/> 3. _____			
Operating mode: <input type="radio"/> S1 (Standard) <input type="radio"/> S _____*	<input type="radio"/> Special colour (RAL-No. / Colour): _____			
Cycle rate: _____ [c/h]				
Cycle duty: _____ [%] <input type="radio"/> Backstop (RLS)				
Ventilation: <input type="radio"/> Standard <input type="radio"/> External (F) <input type="radio"/> None (OL)	Comments			
Terminal box position: _____ Cable entries: _____				
Brake-specific parameter				
Brake torque M_B : _____ [Nm] <input type="radio"/> Manual release (HL)				
Brake-/Coil voltage: _____ [V]				
<input type="radio"/> Parking/emergency brake <input type="radio"/> Working brake				

Please contact Drives office on 011 620 7471 for any technical enquiries.