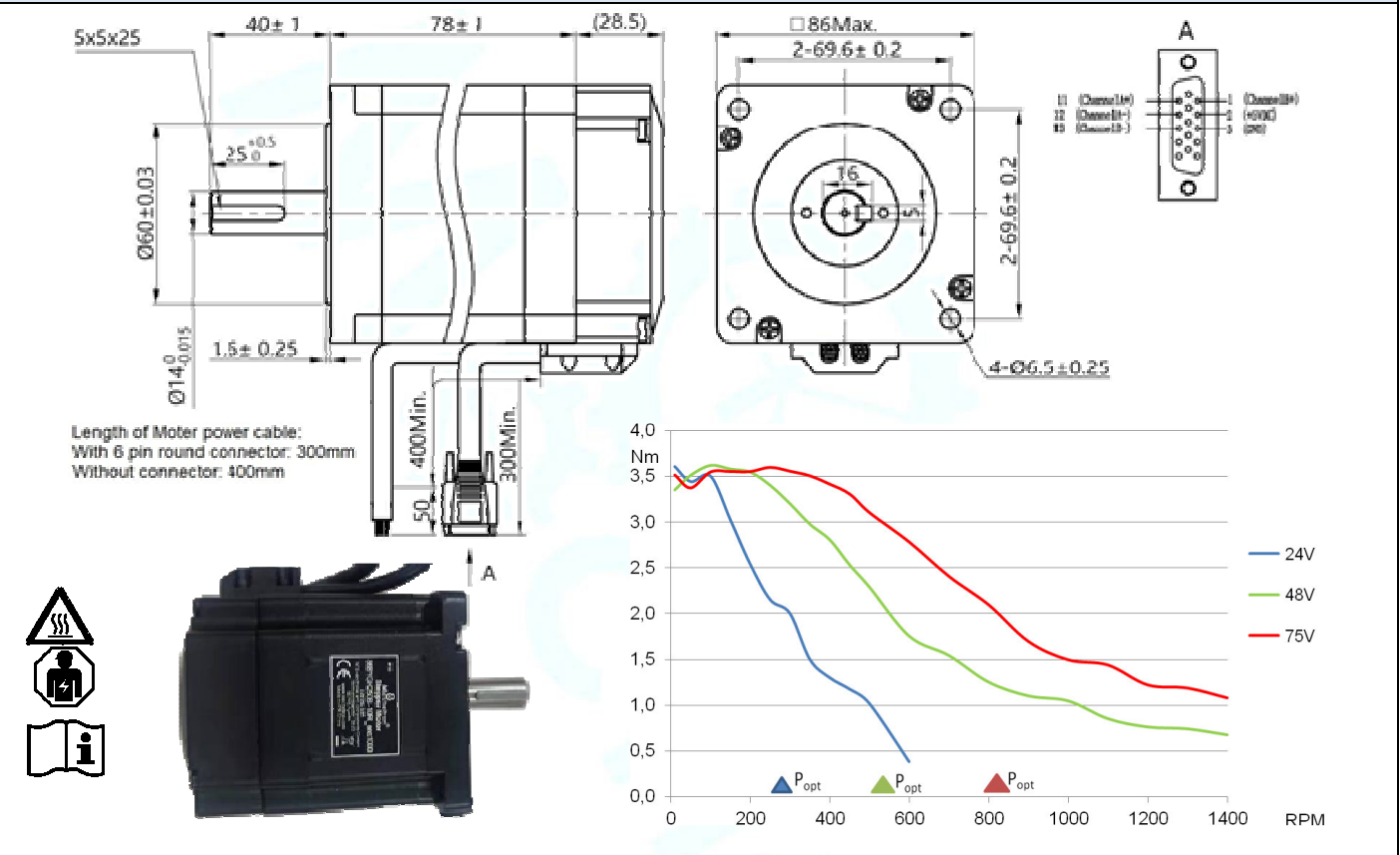


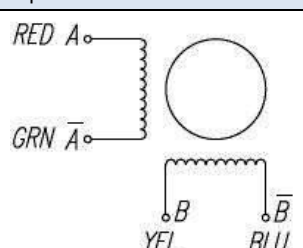
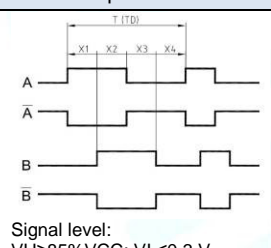



Hybrid Stepper Motor 86BYGH250B-10R enc1000

Motor with shielded cable, cable grommet and encoder. Optional: 6 pin round connector

Mechanical Dimensions:



Electrical Specifications:

Optional: 6 pin round connector		Bipolar		Encoder specification:	
Cable length 30 cm: Pin 1: A (RED) (A+*) Pin 2: A/ (GRN) (A-*) Pin 3: B/ (BLU) (B+*) Pin 4: B (YEL) (B-*) Cable length 500 mm: Pin 5: black wire 0.52 Pin 6: black wire 0.52 * = connection at Leadshine ES-D808 / 1008 drives, rotation CCW !				 Signal level: VH ≥ 85%VCC; VL ≤ 0.3 V	
Encoders lines per round				1000	
No. of phases		2			
Rated Voltage (V)		2.3			
Current (A)		5.9			
Resistance (Ω)		0.38			
Inductance (mH)		3.5			
Holding Torque coils on DC (Nm)		5.5			
Dynamic Torque (Nm)		3.9			
Rotor Inertia (gcm ²)		1700	Allowable Axial Load (N)	15	
Insulation Class		B	Allowable Radial Load (N)	75	
Insulation Resistance		100MΩ, 500VDC	Max. Voltage Input (VDC)	60	
Weight (kg)		1.7	Max. Starting Pulse Rate	3 kHz / FullStep	
Step Angle (°)		1.8±0.09	Max. Slewing Pulse Rate	19 kHz / FullStep	
Pictographs / Symbols		Hot Surface: Let device cool down before maintenance		Operations may only be executed by qualified Electricians	
Piktogramme / Symbole		Heiße Oberfläche: Gerät vor der Wartung abkühlen lassen		Arbeiten dürfen nur von qualifizierten Fachkräften ausgeführt werden	Lesen Sie die Daten und Anweisungen vor der ersten Inbetriebnahme sorgfältig durch

04.09.2023