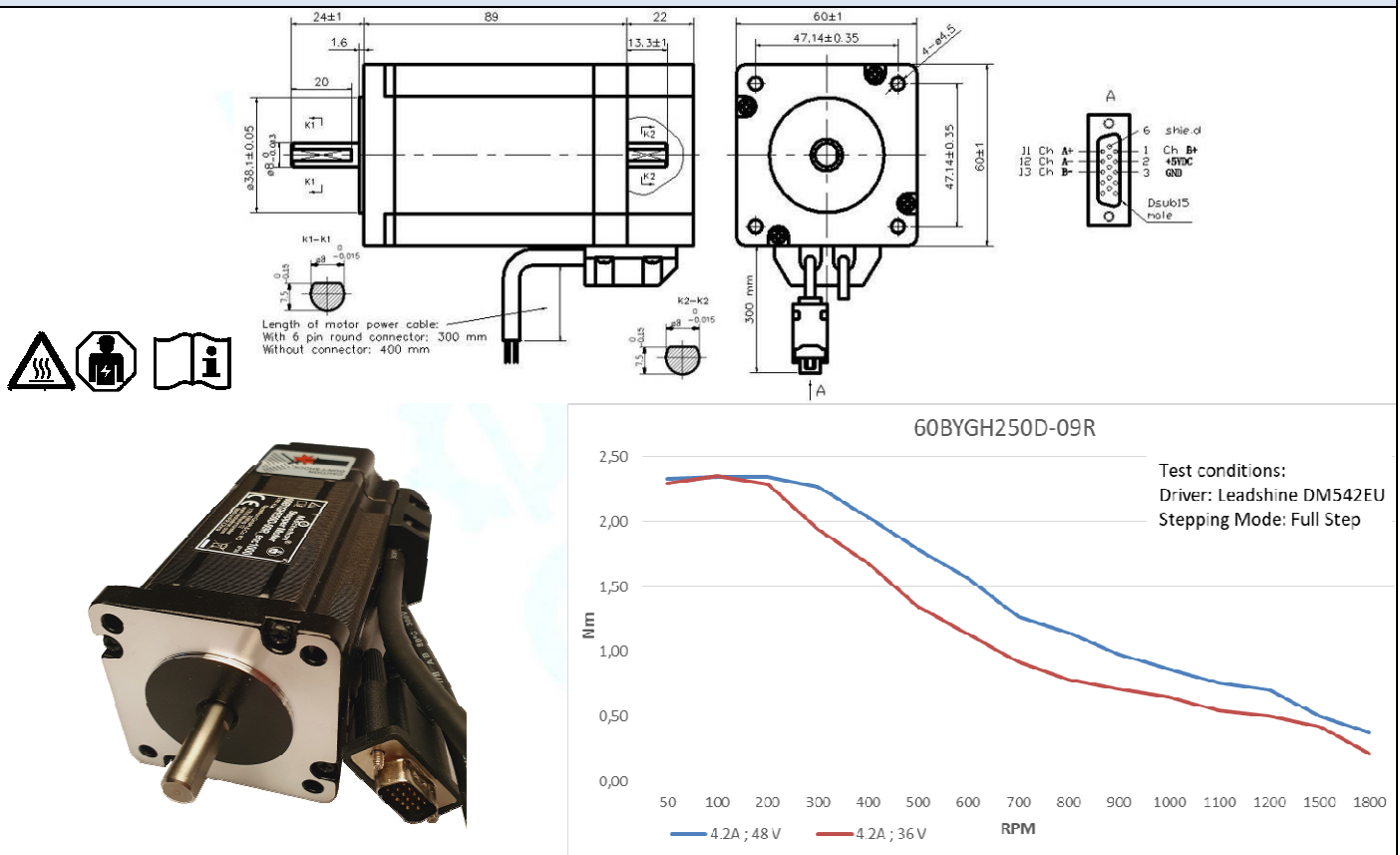


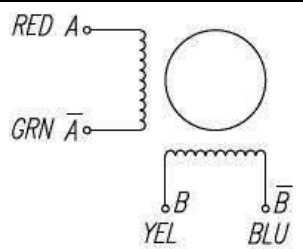
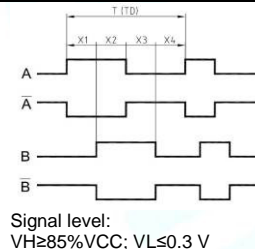






Hybrid Stepper Motor 60BYGH250D-09R enc1000

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 !			Encoder cable length 30 cm: Dsub15: Pin 1 : Channel B+ (EA+*) Pin 2 : VCC +5 V Pin 3 : Ground Pin 11: Channel A+ (EB+*) Pin 12: Channel A- (EB-*) Pin 13: Channel B- (EA-*) * = connection at Leadshine ES-D808 / 1008 drives!
Encoders lines per round			1000
No. of phases	2		
Rated Voltage (V)	3.07		
Current (A)	4.2		
Resistance (Ω)	0.73		
Inductance (mH)	3.3		
Holding Torque coils on DC (Nm)	3.3		
Dynamic Torque (Nm)	2.3		
Rotor Inertia (gcm ²)	840	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	 Read data and instructions carefully before initial operation
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

01.08.2023