

Hybrid Stepper Motor 57BYGH450E-05

Mechanical Dimensions:

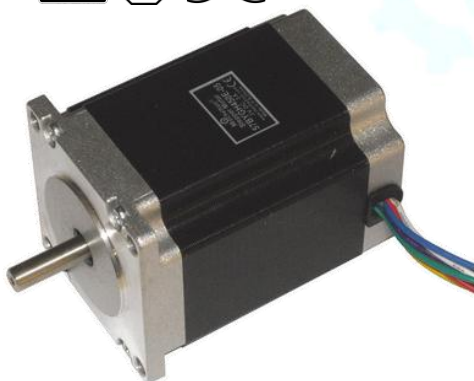
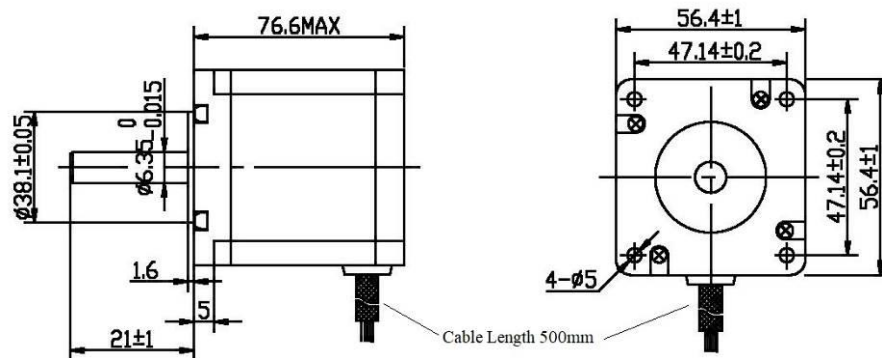
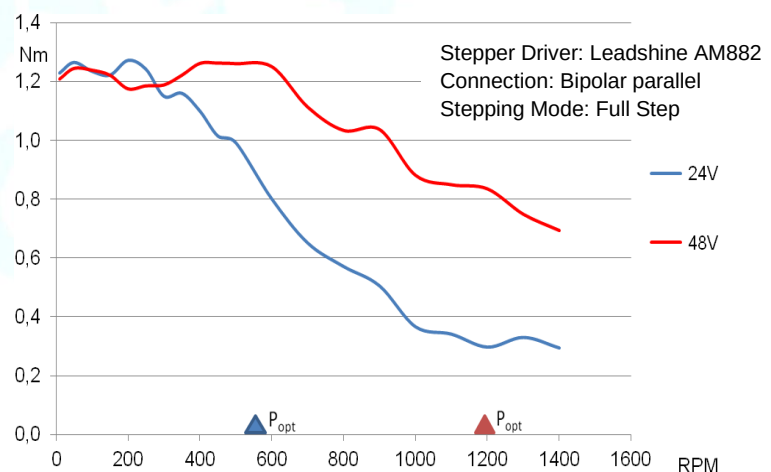


Image for reference only. Actual product may vary. Drawing mandatory.



Electrical Specifications:

	Unipolar	Bipolar Serial	Bipolar Parallel
No. of phases	4	2	2
Rated Voltage (V)	3.0	4.2	2.1
Current (A)	3.0	2.1	4.2
Resistance (Ω)	1.0	2	0.5
Inductance (mH)	1.5	6	1.5
Holding Torque coils on DC (Nm)	1.45	1.8	1.8
Dynamic Torque (Nm)	1.0	1.3	1.3
Rotor Inertia (gcm ²)	480	Allowable Axial Load (N)	15
Insulation Class	B	Allowable Radial Load (N)	75
Insulation Resistance	100MΩ, 500VDC	Max. Voltage Input (VDC)	60
Weight (kg)	1.1	Max. Starting Pulse Rate	5 kHz / FullStep
Step Angle (°)	1.8	Max. Slewing Pulse Rate	19 kHz / FullStep
Pictographs / Symbols			
Piktogramme / Symbole	Hot Surface: Let device cool down before maintenance Heiße Oberfläche: Gerät vor der Wartung abkühlen lassen	Operations may only be executed by qualified Electricians Arbeiten dürfen nur von qualifizierten Fachkräften ausgeführt werden	Read data and instructions carefully before initial operation Lesen Sie die Daten und Anweisungen vor der ersten Inbetriebnahme sorgfältig durch

13.03.2024