

Hybrid Stepper Motor

28BYGH Series

General Specifications

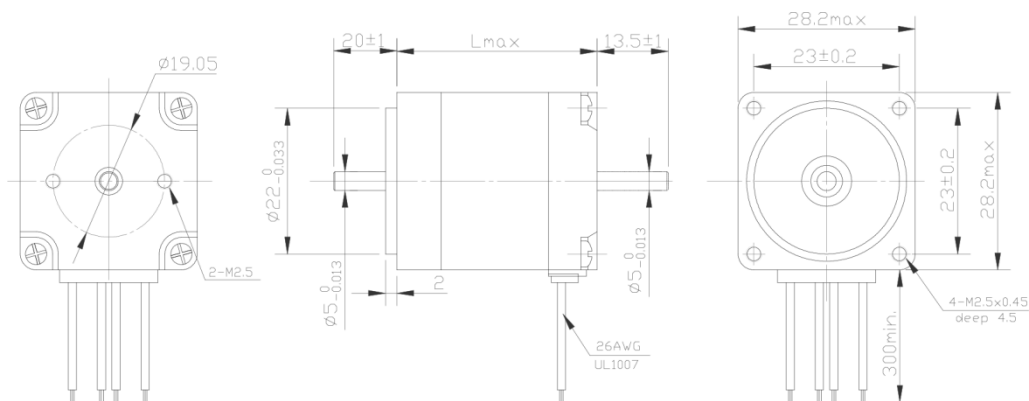
Step Accuracy	± 5%
Temperature Rise	80°C Max
Ambient Temperature Range	-20°C ~ +50°C
Insulation Resistance	100 MΩ Min. 500 VDC
Dielectric Strength	500 VAC 1 minute
Customized solutions on request.	



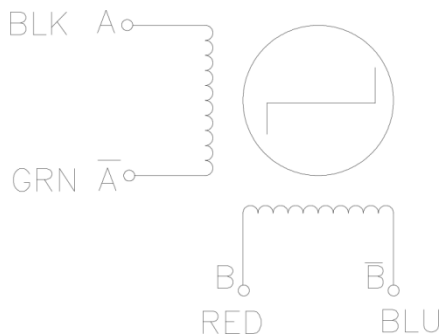
Electrical Specifications

Model	Step Angle	Motor Length	Rate Voltage	Rate Current	Phase Resistance	Phase Inductance	Holding Torque	Rotor Inertia	Lead Wire	Motor Weight
	°	L (mm)	V	A	Ω	mH	mNm	kgm ²	NO.	kg
28BYGH102	1.8	32	3.9	0.67	5.8	3.2	58.8	9×10 ⁻⁷	4	0.11
28BYGH105	1.8		2.66	0.95	2.8	1.0	42.2		6	
28BYGH301	1.8	45	4.56	0.67	6.8	4.9	93.2	12×10 ⁻⁷	4	0.14
28BYGH303	1.8		3.4	0.95	3.4	1.2	73.5		6	
28BYGH501	1.8	51	8.04	0.67	12	7.2	117.7	18×10 ⁻⁷	4	0.2
28BYGH502	1.8		3.8	0.95	4.0	1.1	88.3		6	

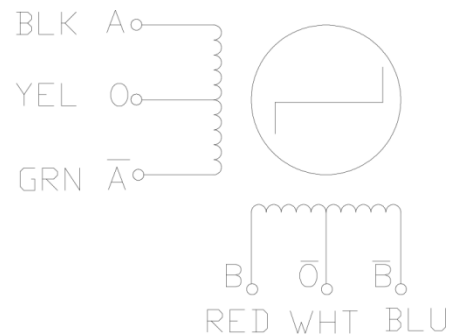
Mechanical Dimensions



Wiring Diagram



4 Leads



6 Leads

Hybrid Stepper Motor

Pulse-Torque Characteristics

