

Hybrid Stepper Gearmotor

57BYGH Series

Planetary Gearhead

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 1s

Customized solutions on request.

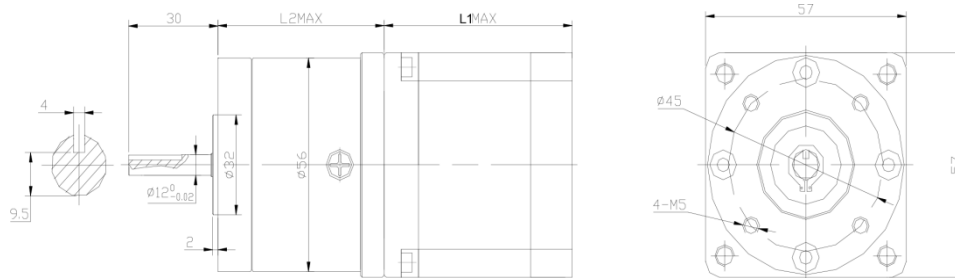


Electrical Specifications

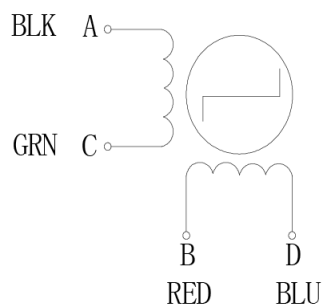
Model	Model Step Angle	Motor Length	Rate Voltage	Rate Current	Phase Resistance	Phase Inductance	Holding Torque	Detent Torque	Rotor Inertia	Gear Ratio	Lead Wire	Motor Weight
	°	L1 (mm)	V	A	Ω	mH	mNm	mNm	gcm ²		NO.	kg
57BYGH013-08AG13	1.8	41	2.7	1.5	1.8	4	392.3	0.021	120	1:13	4	0.45
57BYGH218-15AG13	1.8	51	2.6	2	1.3	4	882.6	0.035	275	1:13	4	0.65
57BYGH422-25AG13	1.8	56	3.6	2.0	1.8	2.7	882.6	0.059	300	1:13	6	0.7
57BYGH633-97AG13	1.8	78	3	3	1	1.6	1323.9	0.067	480	1:13	6	1

Reduction ratio	4.1	4.9	13	20.0	24.1	67.5	81.4	98.1	118.3
Gear box Length L2 (mm)	43		55		67				

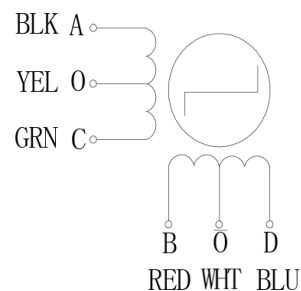
Mechanical Dimensions



Connection Diagram



4 Leads



6 Leads