

# Hybrid Stepper Gearmotor

## 42BYGH 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.**

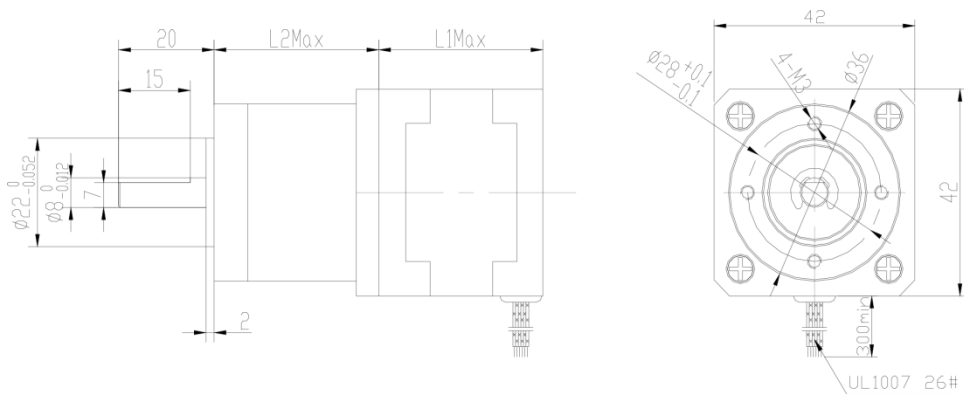


#### Electrical Specifications

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	kgcm <sup>2</sup>		NO.	kg
42BYGH243 AG5.18	1.8	34	2.6	1.0	2.6	3.2	176.5	19.5	0.034	5.18:1	4	0.3
42BYGH243 AG26.8	1.8	34	2.6	1.0	2.6	3.2	176.5	19.5	0.034	26.8:1	4	0.3

Reduction ratio	5.18	13.6	19.2	26.8	51	71	99.5
Gear box Length L2 (mm)	26	34	34	34	42	42	42

#### Mechanical Dimensions



#### Connection Diagram

