# **Hybrid Stepper Gearmotor**

# **42BYGH Series**

**Planetary Gearhead** 

#### **General Specifications**

Step Accuracy±Temperature Rise80Ambient Temperature Range-2Insulation Resistance10Dielectric Strength50Customized solutions on request.

±5% 80°C Max -20°C ~ +50°C 100 MΩ Min. 500 VDC 500 VAC 1s



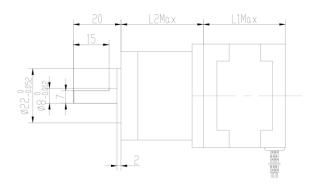
**Hetai** Motor

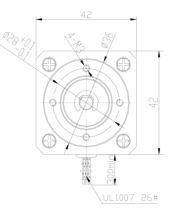
## **Electrical Specifications**

Model	Model Step Angle	Motor Length	Rate Voltage	Rate Current	Phase Resis- tance	Phase Inductance	Holding Torque	Detent Torque	Rotor Inertia	Gear	Lead Wire	Motor Weight
	٥	L1 (mm)	V	А	Ω	mH	mNm	mNm	kgcm1	Ratio	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

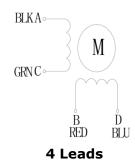
Reduction ratio	5.18	13.6	19.2	26.8	51	71	99.5
Gear box Length L2 (mm)	26	34	34	34	42	42	42

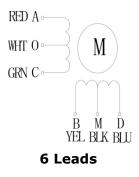
### **Mechanical Dimensions**





### **Connection Diagram**





The specifications are believed to be accurate and reliable. However, the suitability has to be determined for a specific application. Specifications are subject to change without notice.