

42HS Series 1.8 Degree Hybrid Stepper Motor

The 42HS Series stepper motor is a hybrid stepping motor with a 1.8-degree step angle. It is suitable for applications such as professional printing equipment, intelligent stage lighting, and industrial automation.



Product Overview



Precision-engineered hybrid motor for industrial automation.

42HS Series Hybrid Stepper Motor

The 42HS Series is a high-performance hybrid stepper motor designed for precision motion control. Engineered to combine the advantages of permanent magnet and reactive technologies, these motors deliver excellent torque, speed, and positioning resolution. This series is an ideal solution for industrial automation, robotics, and semiconductor equipment, offering reliable performance across various demanding applications.

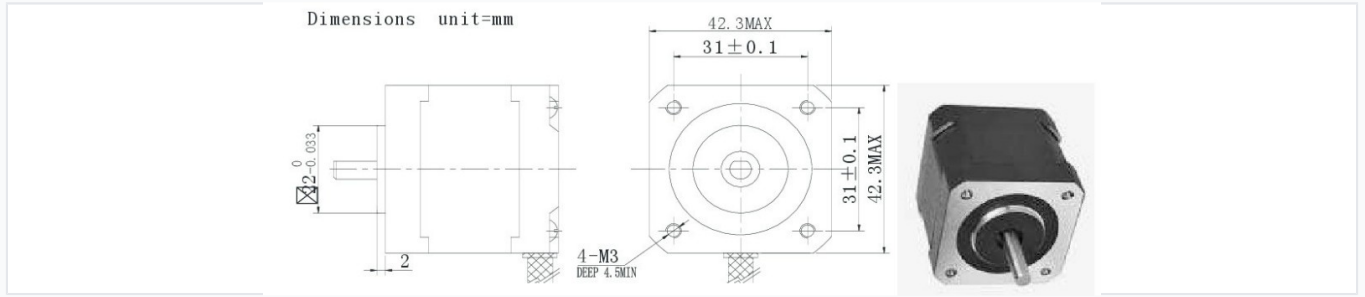
Core Specifications

Step Angle	1.8 degrees
Motor Type	Hybrid
Phase	2
Certifications	CCC, CE, ISO

Environmental and Electrical

Insulation Class	B (130°C)
Operating Temp Range	-20°C to +50°C
Max Temperature Rise	80 °C

Mechanical Dimensions



Dimension diagram including mounting hole specifications.

Frame Size	42 mm
Length Range	40-54 mm
Mounting Hole Pattern	4-M3

Performance Data

Performance Accuracy

Metric	Value
Step Angle Accuracy	±5%
Resistance Accuracy	±10%
Insulation Resistance	100 M@in
Dielectric Strength	500VAC/min