

Stepper Motor

Stepper motors provide precise angular movement in discrete steps. They are suitable for applications requiring accurate positioning and speed control, such as robotics and CNC machines.



ADDITIONAL IMAGES



Overview

High-Precision Stepper Motors

These hybrid stepping motors are engineered for applications requiring precise angular movement and accurate positioning, such as robotics, CNC machines, and 3D printers. Featuring a robust design, they offer consistent performance across various industrial automation environments. Available in multiple configurations including standard and lead-screw options, these motors are highly adaptable to specific mechanical requirements.

Technical Specifications

Step Angle Accuracy	± 5% (full step, no load)
Resistance Accuracy	± 10%
Inductance Accuracy	± 20%
Insulation Class	B

Environmental Performance

Temperature Rise	80 °C
Ambient Temperature Range	-10°C to +50°C

Mechanical Characteristics

Shaft Radial Play (450g load)	0.06 mm
Shaft Axial Play (450g load)	0.08 mm

Customization

Modification Options	Special Length, Custom Windings, Custom Bearings & Threads, Flat Shaft, Pinion Shaft, Keyway Shaft, Custom Lead Wire Length/Color/Type
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