COREMORROW
Piezo Nano Motion

Make Your Motion and Control More Accurate!

360° Rotation | N69.K2

Piezo Motor Driven Rotation Stage

Introduction

N69 piezo motor is an open-loop version of piezo motor direct-driven by piezo ceramics. It uses special mechanical structure design to convert linear microdisplacement by piezo ceramics into macro-angle rotation motion of mechanical platform. It has 360° rotary motion and has ultra-high rotation resolution. It is small in size and compact in structure, very suitable for integration. it has minimal impact on external electromagnetic interference and noise. Also it has fast speed, small step size and is uniform and stable. With E66.A2K-H1 piezo controller, it can be controlled by external PWM signal, which is more convenient.

Characteristics »

- Speed up to 300rpm
- 360 rotation
- Piezo resonance ultrasonic excitation
- Optional vacuum version

Applications »

- Optical instrument
- Precise instrument
- Medical equipment
- Micro-dosing/injector

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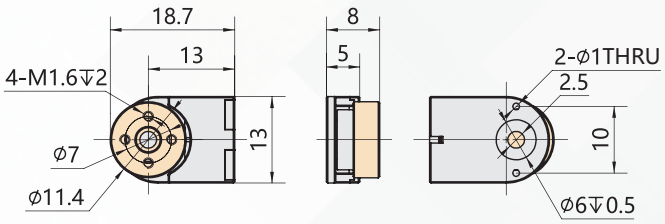
Technical Data »

Type	N69.K2	Units
Active axes	360, two-way	°
Speed limit	300	rpm
Resolution	30	μrad
Torque	1	mN·M
Maximum axial load	0.2	kg
Operating temperature[1]	0~50	℃
Mass	3.5	g±5%
Material	Al, Steel	
Cable length[2]	0.1	m±10mm
Recommended controller	E66.A2K-H1	

Remarks:
[1] Custom is available.
[2] Custom cable length and connector ara available.

Drawing »



Recommended Controller »

E66.A2K-H1
1 channel
Open loop control
38mm×27mm×12mm

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