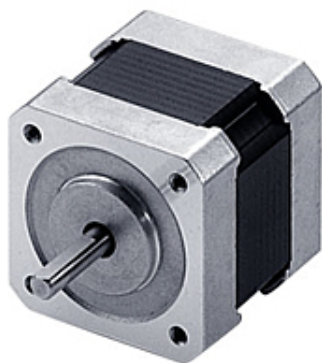


Item # PK245-01BA, Stepping Motor

\$71.00

Stepping Motor

The standard PK series stepping motor offers balanced performance enhanced by high torque, low vibration and low noise.



SPECIFICATIONS

Motor Type	2-Phase
Holding Torque	Bipolar (Series) 61 oz-in Unipolar 45 oz-in
Shaft/Gear Type	Round Shaft (No Gearhead)
Shaft	Double
Type	Standard
Encoder	None
Connection Type	Bipolar (Series) Unipolar
Current per Phase (A/phase)	0.85 [Bipolar (Series)] 1.2 [Unipolar]
Lead Wires	6
Voltage (VDC)	5.6 [Bipolar (Series)] 4 [Unipolar]
Resistance (Ω /phase)	6.6 [Bipolar (Series)] 3.3 [Unipolar]
Inductance (mH/phase)	11.2 [Bipolar (Series)] 2.8 [Unipolar]

RoHS Compliant	Yes
Insulation Resistance	100 M Ω or more when 500 VDC megger is applied between the windings and the case under normal ambient temperature and humidity.
Dielectric Strength	Sufficient to withstand 0.5 kVAC at 50 Hz or 60 Hz applied between the windings and the case for 1 minute under normal ambient temperature and humidity.
Temperature Rise	Temperature rise of the windings is 144°F (80°C) or less measured by the change resistance method. (at rated current, at standstill, 2 phases energized)
Insulation Class	Class B [266°F (130°C)]
Ambient Temperature Range	14 ~ 122°F (-10 ~ 50°C) (non-freezing)
Ambient Humidity	85% or less (non-condensing)
Shaft Runout	0.05 mm (0.002 in.) T.I.R.
Concentricity	0.075 mm (0.003 in.) T.I.R.
Perpendicularity	0.075 mm (0.003 in.) T.I.R.
Radial Play	0.025 mm (0.001 in.) maximum of 5 N (1.12 lb.)
Axial Play	0.075 mm (0.003 in.) maximum of 10 N (2.2 lb.)
Step Accuracy	±3 arc minutes (±0.05°)