



ORIENTAL MOTOR U.S.A. Corp.  
570 Alaska Avenue  
Torrance, CA 90503  
1-800-GO-VEXTA (468-3982)

## Item # PMM33B-MG10, 5-Phase Step Motor



This product is no longer offered by Oriental Motor, please contact your local sales office.

Web Price

**Request Quote**

### Lead Time | Specifications

#### Lead Time

#### Available to Ship<sup>1</sup>

This product has been discontinued, please contact your local sales office for a replacement.

#### Specifications

Motor Frame Size	1.1 in. sq.
Shaft	Double
Type	Geared
Shaft/Gear Type	SH Geared
Gear Ratio (X:1)	10 :1
Lead Wires	5
Current per Phase	0.35 A/phase
Step Angle	0.07 °
Rotor Inertia (oz-in <sup>2</sup> )	0.49 oz-in <sup>2</sup>
Maximum Holding Torque (lb-in)	1.80
RoHS Compliant	No

**Insulation Resistance** 100 MΩ minimum under normal temperature and humidity, when measured by a 500 VDC megger between the motor coils and casing.

<b>Dielectric Strength</b>	Sufficient to withstand 0.5 kV, 60 Hz applied between the motor coils and casing for 1 minute under normal temperature and humidity.
<b>Temperature Rise</b>	Temperature rise of the coil measured by the Change Resistance Method is 176°F (80°C) or less (at standstill, five phases energized).
<b>Insulation Class</b>	Class B [266°F (130°C)]
<b>Ambient Temperature Range</b>	14°F ~ 122°F (-10° ~ 50°C) (nonfreezing)
<b>Ambient Humidity</b>	85% or less (noncondensing)

<sup>1</sup> Quoted Ship Date for orders placed before 12:00pm PST in quantities listed.

A newer version of this product is available, contact your local sales office for more information.

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