ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

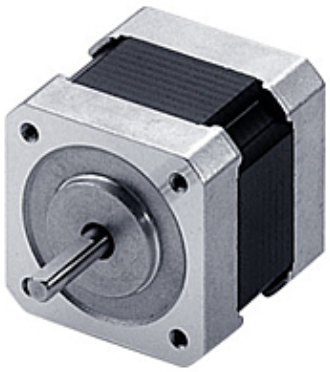
Expert team | Trust guarantee | 100% satisfaction

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Find the *Oriental Motor Vexta PX243-03AA* at our website: *Click HERE*

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

Item # PK243M-01AA, Stepper Motor



The High Resolution Type have half the step angle of standard stepper motors. The high resolution type increase motor resolution from 200 steps/revolution to 400 steps/revolution.

RoHS

Web Price −

Request Quote

Lead Time | **Specifications**

Lead Time −

Specifications −

Product Line	VEXTA ®
Motor Type	2-Phase
Motor Frame Size	1.65 in. sq.
Shaft/Gear Type	Round Shaft (No Gearhead)
Holding Torque	28 oz-in
Type	High-Resolution
Connection Type	Bipolar (Series) Unipolar
Lead Wires	6
Current per Phase (A/phase)	0.67 [Bipolar (Series)] 0.95 [Unipolar]
Encoder	Not Equipped

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Shaft	Single
Voltage (VDC)	5.6 [Bipolar (Series)] 4 [Unipolar]
Resistance (Ω/phase)	8.4 [Bipolar (Series)] 4.2 [Unipolar]
Inductance (mH/phase)	15.2 [Bipolar (Series)] 3.8 [Unipolar]
Step Angle	0.9 °
Rotor Inertia (oz-in^2)	0.191 oz-in^2
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 176°F (80°C) or less measured by the change resistance method. (at rated voltage, 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°)

[1] 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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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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