



ORIENTAL MOTOR - 42MM AZ STEPPER MOTOR WITH ABSOLUTE POSITIONING

AZM48A0C

42mm AZ Series Stepper Motor with Absolute Mechanical Encoder (AC Input)

- Absolute positioning without battery
- Up to 0.38 Nm output torque at 2500 rpm
- High torque at low speed
- Multiple drive options for pulse or continuous control
- RS-485, Ethercat, Ethernet/IP or Profinet drive options



PRODUCT DESCRIPTION

The Oriental AZ Series stepper motors offer high efficiency, low vibration and incorporates a Mechanical Absolute Encoder for absolute-type positioning without battery back-up or external sensor.

Closed loop performance without hunting or gain tuning.

Easy to program through a windows based PC using MEXE02 free software, the AZ drives offer up to 256 control commands and allow for motion profiles to be set and called upon.

Drive options for Profinet, Ethercat, Ethernet/IP.

Also available with a built-in controller or pulse input driver which substantially reduces heat generation from the motor through the use of high-efficiency technology.

Requires α STEP AZ Series Driver.

- Battery-Free, Mechanical Absolute Encoder Stepper Motors
- Closed Loop Performance, No Hunting or Gain Tuning
- AC or DC Input Types
- Parallel Shaft and Right Angle Geared Types for Higher Torque, Space Savings
- Electromagnetic Brake Type Available

α STEP AZ Series Stepper Motor Driver Required*