

## **ORIENTAL MOTOR - 42MM AZ STEPPER MOTOR WITH ABSOLUTE POSITIONING AND PS CO-AXIAL GEARBOX**

AZM46AC-PS10

42mm AZ Series Planetary Gear Stepper Motor with Absolute Mechanical Encoder (Gear Ratio: 10:1) (AC Input)

- Absolute positioning without battery
- Up to 6 Nm output torque
- Same rated torque throughout speed range
- Can be ran in stepper mode or servo simulation for variable loads
- 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 αSTEP 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

**αSTEP AZ Series Stepper Motor Driver Required\***