

# AZ Series

## With Neugart Gearheads



$\alpha$ STEP AZ Series is a motor equipped with a Battery-Free Absolute Mechanical Sensor [ABZO Sensor]. One cable, IP66 rated locking connector enables a simple direct connection between the motor and the driver. Network compatible drivers make easier connection with various master control system. The product can now help improve productivity and reduce costs with better connection with network connection.

# One Cable Solution



## Hybrid Stepper Servo $\alpha$ STEP AZ Series

EtherNet/IP EtherCAT 

- External Sensors Not Requires
- Motor and Gearhead are Pre-assembled 
- Degree of Protection (Motors): IP66
- Network Direct Connection Drivers with functional safety\* 

PLC with Fieldbus Master



Available soon in the EPLAN data portal.

\*STO (Safe Torque OFF) Function. Only available for AC power supply.

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### Product Line

#### ◇ PLE Geared (AC Power Supply input)

Frame Size	Product Name
42 mm	<b>AZM46ACH-PLE40-5</b>
	<b>AZM46ACH-PLE40-10</b>
	<b>AZM46ACH-PLE40-20</b>
	<b>AZM46ACH-PLE40-40</b>
	<b>AZM48ACH-PLE40-5</b>
	<b>AZM48ACH-PLE40-10</b>
	<b>AZM48ACH-PLE40-20</b>
60 mm	<b>AZM69ACH-PLE60-5</b>
	<b>AZM69ACH-PLE60-10</b>
	<b>AZM69ACH-PLE60-20</b>
	<b>AZM69ACH-PLE60-40</b>

#### ◇ PLE Geared (AC Power Supply input) with Electromagnetic Brake

Frame Size	Product Name
42 mm	<b>AZM46MCH-PLE40-5</b>
	<b>AZM46MCH-PLE40-10</b>
	<b>AZM46MCH-PLE40-20</b>
	<b>AZM46MCH-PLE40-40</b>
60 mm	<b>AZM69MCH-PLE60-5</b>
	<b>AZM69MCH-PLE60-10</b>
	<b>AZM69MCH-PLE60-20</b>
	<b>AZM69MCH-PLE60-40</b>

#### ◇ PLE Geared (DC Power Supply input)

Frame Size	Product Name
42 mm	<b>AZM46AKH-PLE40-5</b>
	<b>AZM46AKH-PLE40-10</b>
	<b>AZM46AKH-PLE40-20</b>
	<b>AZM46AKH-PLE40-40</b>
	<b>AZM48AKH-PLE40-5</b>
	<b>AZM48AKH-PLE40-10</b>
	<b>AZM48AKH-PLE40-20</b>
60 mm	<b>AZM69AKH-PLE60-5</b>
	<b>AZM69AKH-PLE60-10</b>
	<b>AZM69AKH-PLE60-20</b>
	<b>AZM69AKH-PLE60-40</b>

#### ◇ PLE Geared (DC Power Supply input) with Electromagnetic Brake

Frame Size	Product Name
42 mm	<b>AZM46MKH-PLE40-5</b>
	<b>AZM46MKH-PLE40-10</b>
	<b>AZM46MKH-PLE40-20</b>
	<b>AZM46MKH-PLE40-40</b>
60 mm	<b>AZM69MKH-PLE60-5</b>
	<b>AZM69MKH-PLE60-10</b>
	<b>AZM69MKH-PLE60-20</b>
	<b>AZM69MKH-PLE60-40</b>

### Here are some application examples

- Wafer transfer in semiconductor manufacturing equipment
- Transfer of electronic components in electronic component manufacturing equipment
- Focusing cameras in inspection equipment
- Driving drug dispensing devices and analysis equipment
- Driving SCARA robots, Cartesian robots, and other robots
- Precision stage driving, used in electron microscopes and other devices



**3D CAD**

3D data is available on the website:  
<https://www.orientalmotor-support.eu>