

## 1kW AC Servo Motor 130mm Frame

This AC servo motor has a power rating of 1kW and a 130mm frame size. It operates at 220V and is designed for use in jointed robots, picking robots, and CNC equipment.



### ADDITIONAL IMAGES

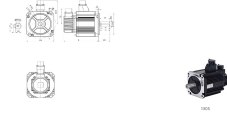


### Product Overview

#### High-Performance 1kW AC Servo Motor

This 130mm frame AC servo motor is engineered for precision motion control in demanding industrial environments. Featuring a compact, short-body design, it integrates advanced technology to deliver reliable performance for CNC machinery, jointed robotics, and high-end electronic assembly equipment. The motor is compatible with various encoder configurations, ensuring versatile integration into existing digital control systems.

## Performance Metrics



Model	130mm Frame	130mm Frame	130mm Frame	130mm Frame
Rated Power	1 kW	1 kW	1 kW	1 kW
Rated Voltage	220 V	220 V	220 V	220 V
Rated Torque	4.77 Nm	4.77 Nm	4.77 Nm	4.77 Nm
Max Torque	14.3 Nm	14.3 Nm	14.3 Nm	14.3 Nm
Rated Current	6 A	6 A	6 A	6 A
Rated Speed	2000 rpm	2000 rpm	2000 rpm	2000 rpm
Speed Range	0.5 - 2000 rpm	0.5 - 2000 rpm	0.5 - 2000 rpm	0.5 - 2000 rpm
Positioning Accuracy	±0.05 mm	±0.05 mm	±0.05 mm	±0.05 mm
Resolution	10000 pulses/rev	10000 pulses/rev	10000 pulses/rev	10000 pulses/rev
Life	> 100,000 hours	> 100,000 hours	> 100,000 hours	> 100,000 hours
Operating Temperature	-10°C to 50°C	-10°C to 50°C	-10°C to 50°C	-10°C to 50°C
Weight	1.5 kg	1.5 kg	1.5 kg	1.5 kg
Dimensions	130mm x 130mm x 130mm	130mm x 130mm x 130mm	130mm x 130mm x 130mm	130mm x 130mm x 130mm

Detailed performance characteristics and dimensions for the 130mm frame servo motor series.

### Rated Power

**1 kW**

Rated Power

**220 V**

Rated Voltage

### Operating Specifications

Parameter	Value
Rated Speed	2000 rpm
Rated Torque	4.77 Nm
Max Torque	14.3 Nm
Rated Current	6 A

## Technical Features

### Supported Encoders

Absolute Encoder, Incremental Encoder, Rotary Encoder

## Application Areas

### Suitable Industries

- Jointed Robots
- Picking Robots
- High-End Electronic Equipment
- Milling and Engraving CNC