

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

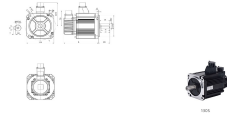


Product Overview

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	130-1000	130-1500	130-2000	130-2500
Rated Power (kW)	1.0	1.5	2.0	2.5
Rated Voltage (V)	220	220	220	220
Rated Speed (rpm)	2000	2000	2000	2000
Rated Torque (Nm)	4.77	7.16	9.55	11.94
Max Torque (Nm)	14.3	21.5	28.6	35.8
Max Current (A)	6.0	9.0	12.0	15.0
Max Speed (rpm)	3000	3000	3000	3000
Max Acceleration (m/s²)	100	100	100	100
Max Deceleration (m/s²)	100	100	100	100
Max Inertia (kg·m²)	0.001	0.001	0.001	0.001
Max Load Inertia (kg·m²)	0.001	0.001	0.001	0.001
Max Load Torque (Nm)	4.77	7.16	9.55	11.94
Max Load Current (A)	6.0	9.0	12.0	15.0
Max Load Speed (rpm)	3000	3000	3000	3000
Max Load Acceleration (m/s²)	100	100	100	100
Max Load Deceleration (m/s²)	100	100	100	100
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Max Load Acceleration (m/s²)	100	100	100	100
Max Load Deceleration (m/s²)	100	100	100	100
Max Load Inertia (kg·m²)	0.001	0.001	0.001	0.001

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