

Permanent Magnet AC Servo Motor

This AC servo motor utilizes rare earth permanent magnet materials for strong resistance to magnetic energy. Optimized electromagnetic design ensures constant torque output across almost the entire speed range.



ADDITIONAL IMAGES



Overview

High-Performance Servo Precision

The ST Series Permanent-Magnet AC Servo Motor is engineered for demanding industrial applications requiring high process accuracy and reliable motion control. Utilizing optimized electromagnetic design and rare earth magnet materials, it delivers constant torque across nearly the entire speed range. Its robust construction makes it an ideal solution for integration into robotics, CNC machinery, and high-speed automated production lines.

Electrical Specifications

Efficiency Class

IE4

Rated Voltage

220V, 380V

Mechanical Specifications

IP Rating

IP66

Insulation Grade

F

Mounting

B5

Frame Material

Aluminum

Environmental & Cooling

Cooling Methods

- IC411
- IC410
- IC416

Ambient Temperature

-15 ~40

Applications

Target Industries

- Numerical control machine tools
- Printing equipment
- Packaging equipment
- Textile equipment
- Laser processing equipment
- Robotics
- Automatic production lines