

Electromagnetic Brake Three-Phase AC Motor

This three-phase AC motor incorporates an electromagnetic brake, providing reliable stopping power when de-energized. It is suitable for applications requiring precise positioning, holding, or emergency stops.



ADDITIONAL IMAGES



Product Overview

High-Precision Y2EJ Series Brake Motor

The Y2EJ series is a fully enclosed, fan-cooled three-phase asynchronous induction motor integrated with a high-reliability DC disc electromagnetic brake. Designed for industrial applications requiring rapid, accurate positioning and emergency stopping, these motors feature a manual release for enhanced control. Built for durability, the motor design supports continuous operation in diverse driving mechanisms and machinery.

Technical Specifications

Duty Cycle	S1 (Continuous Duty)
IP Rating	IP55
Standards Compliance	IEC/EN60034-1, CE, IE2
Operating Temperature	-20 to +45 °C

Braking System

Brake Rectifier Specifications

Motor Power	Input Voltage	Output Voltage
Up to 3kW	AC 220V	DC 99V
4kW and upwards	AC 380V	DC 170V

Brake Type	DC electromagnetic disc brake
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Applications

Industry Applications

- Hoisting and cranes
- Machine tools
- Automated machinery
- Precision positioning systems