

# 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