

# Single-Phase AC Electric Motor 0.5 HP

This single-phase AC motor is designed for general-purpose applications. It operates at 220V, 60Hz, with a rated speed of 1400 r/min and delivers 0.5 horsepower and has Class B insulation and IP54 protection.



## Overview

### JY Series Single-Phase Motor

The JY series single-phase asynchronous motor is designed for reliable performance in general-purpose applications. Equipped with a starting capacitor, this unit is engineered for versatility and durability. It features robust insulation and environmental protection, making it a suitable choice for various industrial and commercial setups.

## Technical Specifications

### Power Output

**0.5 HP**

Rated Power

### Electrical Parameters

Parameter	Value
Phase	Single-Phase
Voltage	110/220V
Frequency	50Hz / 60Hz
Rated Speed	1400 r/min

### Insulation Class

Class B

## Environmental Protection

### Ingress Protection

IP54 (Dust and splash-proof)

## Certifications

### Certifications

CE, CCC

## Design Features

### Key Design Features

- Asynchronous motor design
- Includes starting capacitor
- General-purpose application