

# AC Synchronous Motor 1-200 RPM

This AC synchronous motor operates on either 110V or 220V and provides a speed range from 1 to 200 RPM. It is designed for applications requiring precise and consistent rotational speed and is capable of both clockwise and counter-clockwise rotation.



## Product Overview

### AC Synchronous Motor #4208

The model #4208 is a high-performance AC synchronous motor engineered for demanding industrial environments. It supports versatile 110V or 220V input and offers a wide operating speed range of 1 to 200 RPM. Designed for durability in cold and humid conditions, it features flexible CW/CCW rotation and a robust construction ideal for high-torque intermittent industrial operations.

## Technical Specifications

Model	#4208
AC Voltage	110V, 220V
Rated Frequency	60/50Hz
Rotation	CW/CCW
Temperature Rise	55 °C

## Performance Metrics

Speed Range	1 - 200 RPM
Bearing Force	1/3 of brake torque

## Mechanical Details

### Available Output Shaft Sizes (mm)

- 14 × 9
- 16 × 11
- 20 × 15
- 22 × 10
- 25 × 13

## Connectivity

### Wiring configuration

Connection	Wire Color
Power	Black
Split phase (CW/CCW)	Brown, Purple

## Compliance and Warranty

Warranty	5 years
Certifications	CE, RoHS
Country of Manufacture	Taiwan