

# 24V AC Synchronous Motor with 1-200 RPM Range

This AC synchronous motor operates at 24V and offers speeds ranging from 1 to 200 RPM. It is suitable for industries with safety restrictions and applications requiring constant speed.



## Overview

### AC Synchronous Motor #9016

The #9016 AC Synchronous Motor is a robust solution designed for applications requiring precise and constant speed operation. Operating on 24V AC power, this motor is specifically suited for industries with safety restrictions, such as those involving inflammable oil pipes. Its versatile design features a 1-200 RPM speed range and CW/CCW rotation, making it ideal for timing devices and display mechanisms.

## Technical Specifications

### Wiring Configuration

- White (Power)
- Orange (Split phase)
- Blue (Split phase)

|                         |  |
|-------------------------|--|
| AC Voltage              | 24 V                                       |
| Rated Frequency         | 60/50Hz                                    |
| Speed Range             | 1 - 200 RPM                                |
| Rotation                | CW/CCW                                     |
| Temperature Rise        | 55 °C                                      |
| Output Shaft (A x B mm) | 14 x 9, 16 x 11, 20 x 15, 22 x 10, 25 x 13 |

## Performance Data

### Brake Torque Performance

| 60Hz RPM | 50Hz RPM | Brake Torque (kgf-cm) |
|----------|----------|-----------------------|
| 2        | 1.66     | 53.2                  |
| 3        | 2.5      | 35.1                  |
| 4        | 3.33     | 28.6                  |
| 6        | 5        | 21                    |

## Compliance & Warranty

### Suitable Industries

Safety restricted environments • Inflammable oil pipe systems

|                        |   |
|------------------------|---|
| Warranty               | 5 years (limited to indirect transmission usage under normal industrial environments) |
| Country of Manufacture | Taiwan  |