

# Single Phase Capacitor Start Electric Motor

This IP44 single-phase capacitor start electric motor is fan-cooled. It delivers high starting torque, smooth running, and greater overload performance.



## Product Overview

### YC Series Single Phase Electric Motor

The YC Series Single Phase Capacitor Start Electric Motor is a robust solution designed for high starting torque and smooth operation. Engineered with IP44 protection and fan-cooling, these motors ensure reliable performance with low noise and minimal temperature rise. Compliant with international IEC standards, they are suitable for a wide range of industrial applications requiring heavy-duty overload performance.

## Key Features

### Performance Advantages

High starting torque, Smooth running, Low temperature rise, Low noise, Overload performance, Safe operation

## Operating Specifications

### Insulation Class

B • F

### Frame Range

71-132

### Protection Class

IP44

### Operation Service

S1

## Environmental Conditions

### Ambient Temperature Range

-15°C to 40°C

### Max Altitude

1000 m

## Electrical Data

### Supported Frequency

- 50Hz
- 60Hz

### Starting Torque vs Rated

**3 x Rated**

50Hz Start Torque

**2.75 x Rated**

60Hz Start Torque

### Rated Voltage

220V +/- 5%