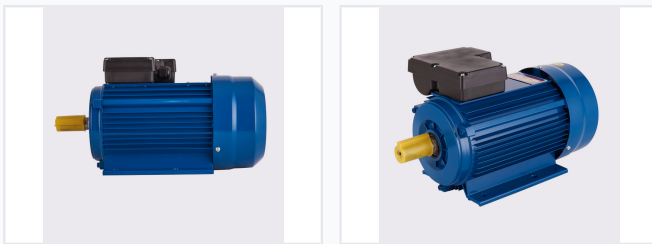


# Single-Phase Capacitor-Start Asynchronous Motor

This single-phase asynchronous motor employs capacitor start for increased torque. It is designed for machine tools and water pumps, especially in environments with single-phase power.



## ADDITIONAL IMAGES



## Overview

### High-Performance Single-Phase Asynchronous Motor

The YC series motor is a heavy-duty, totally enclosed fan-cooled unit specifically engineered for small machine tools, water pumps, and industrial equipment requiring single-phase power. It features a robust capacitor-start mechanism that delivers exceptional starting torque exceeding three times the rated value. Built with premium materials including 100% copper windings, this motor offers a reliable, low-noise, and stable operation suitable for demanding professional applications.

## Technical Specifications

Output Power Range	0.18 - 2.2 kW
Insulation Class	F
Cooling Type	Totally enclosed fan-cooled (IP44)
Rated Voltage	220V

## Performance Metrics

### Operational Capabilities

**3 x Rated**

Starting Torque Factor (50Hz)

**2.75 x Rated**

Starting Torque Factor (60Hz)

## Compliance and Quality

### Quality Standards

- GB/T19001-2006
- ISO9001:2015
- IEC Standard

### Certifications

CE, CCC