

# Single-Phase Capacitor Start Motor for Machine Tools and Water Pumps

This single-phase capacitor start motor is designed for heavy-duty applications. It is suitable for driving small machine tools and water pumps.



## Product Overview

### High-Performance Single-Phase Motors

The YC series heavy-duty motor is engineered for small machine tools and water pump applications, offering a reliable solution for environments restricted to single-phase power. Designed with advanced technology and high-quality materials, these units ensure safe, efficient operation with low noise levels. They adhere to international IEC standards, providing a versatile solution for professional and family workshop setups.

## Technical Specifications

### Starting Torque (50Hz)

**3 x Rated**

Starting Torque Ratio

### Starting Torque (60Hz)

**2.75 x Rated**

Starting Torque Ratio

### Enclosure Rating

IP44 • TEFC

## Operating Conditions

Ambient Temperature Range	-15°C to 40°C
Max Altitude	1000 m
Voltage Tolerance	±5%

## Design Features

### Key Features

- High starting torque
- Smooth running
- Low temperature rise
- Low noise operation
- High overload performance