

# Single-Phase AC Electric Motor

This single-phase AC electric motor is designed to power small machine tools and water pumps. It features high-quality materials and advanced design for reliable performance and easy maintenance.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance YC Series Induction Motor

The YC series single-phase AC induction motor is a robust and efficient solution designed specifically for small machine tools, water pumps, and workshop applications where only single-phase power is available. Built with advanced materials and construction, these motors offer high starting torque, smooth running, and excellent overload performance. They are engineered to meet international IEC standards, ensuring reliable operation, low noise, and minimal maintenance requirements for various industrial and commercial tasks.

## Operating Specifications

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### Protection Class

IP44

### Insulation Class

B • F

### Ambient Temperature Range

-15°C to 40°C

### Maximum Operating Altitude

1000 m

## Electrical Ratings

### Rated Voltage

220V

### Rated Frequency

50 Hz

### Duty Cycle

Continuous (S1)

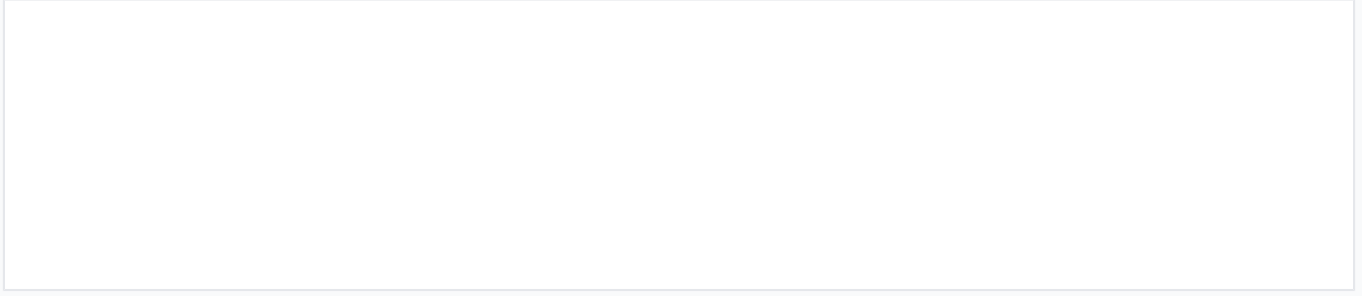
## Mechanical Design

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### Cooling System

IC 0141

## Performance Metrics



### Starting Torque

**3 x**

Starting/Rated Torque Ratio

## Compliance

International Standards

IEC, CE, ISO 9001