

# Single Phase Rolled Steel Electric Motor

This single-phase electric motor features a totally enclosed fan cooled (TEFC) design. The rolled steel frame provides enhanced durability and protection in various environments.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Single-Phase Electric Motor

This single-phase, totally enclosed fan-cooled (TEFC) motor is designed for reliable performance in diverse industrial and commercial environments. Built with a robust frame, it complies with IEC standards to ensure consistent power delivery and operational safety. Suitable for continuous duty, this motor offers flexible mounting options and is available in a wide power range to meet demanding technical requirements.

## Performance Metrics

### Output Power Range

**0.18 kW**

Minimum Power

**18.5 kW**

Maximum Power

## Technical Specifications

### Electrical Input

Parameter	Value
Voltage	380V
Frequency	50Hz / 60Hz
Poles	2, 4, 6, 8, 10

### Insulation and Protection

- Insulation Class: B/F
- Protection Class: IP44/IP54/IP55
- Cooling Method: IC0141

### Standards and Ratings

IEC Standard, IE2 Efficiency, TEFC Design, Continuous Duty S1

## Operational Environment

### Operating Conditions

- Ambient temperature: -15°C to 40°C
- Altitude: Up to 1000 Meters
- Relative humidity: Not higher than 85%

## Certifications

### Quality Compliance

CE • CCC • ISO 9001