

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