

# IE2 Three-Phase Induction Motor

This high-efficiency three-phase induction motor is designed for industrial applications. It is built to meet IE2 efficiency standards, ensuring energy savings and reduced operating costs.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Industrial Motor

The EM Series Three-Phase Induction Motor is engineered for demanding industrial applications requiring reliable, continuous operation. Built to meet IE2 efficiency standards, this motor offers significant energy savings and reduced long-term operating costs. Its robust construction, featuring a cast iron frame with optimized heat dissipation, ensures consistent performance in environments such as pumps, fans, compressors, and conveyors.

## Performance Metrics

### Key Performance Indicators

**15 kW**

Power Output

**1460 r/min**

Rotational Speed

**0.85 COS $\phi$**

Power Factor

**55 IP**

Protection Rating

## Technical Specifications

### Technical Data

Parameter	Value
Efficiency Class	IE2
Duty Cycle	S1 (Continuous)
Voltage	380V
Frequency	50Hz
Frame Size	160L
Standards	GB/T 755 / IEC 60034-1

## Features

### Key Features

- Robust cast iron frame construction
- Optimized cooling system for heat dissipation
- High-quality bearings for extended service life
- Versatile mounting design
- Terminal box for easy electrical connections

## Applications

### Suitable Applications

Pumps, Fans, Compressors, Conveyors, Industrial Machinery