

# IE4 Premium Efficiency Three-Phase Asynchronous Motor

This IE4 premium efficiency motor features a three-phase asynchronous design. Its cast iron construction and optimized cooling system ensure reliable performance in demanding industrial applications.



## Overview

### High-Efficiency Industrial Power

This IE4 Premium Efficiency Three-Phase Asynchronous Motor is engineered for demanding industrial applications requiring exceptional energy savings and reliable performance. Constructed with a robust cast iron frame, it ensures durability and long-lasting operation even in harsh environments. The motor is highly versatile, making it an ideal choice for pumps, fans, compressors, and general machinery.

## Performance Metrics

### Efficiency Class

IE4

### Power Range

**0.12 KW**

Min Power

**315 KW**

Max Power

## Technical Specifications

### Cooling Methods

- IC411 (Standard)
- IC410 (Optional)
- IC416 (Optional)

### Frame Range

71 to 355

### Mounting Styles

B3, B5, B34, B35, V1

### Insulation Class

F (H Optional)

### Protection Rating

IP55 (IP56, IP65, IP66 Optional)

## Electrical Data

### Thermal Protection Options

- PTC
- PTO
- PT100
- Heater C3
- Heater C4

### Standard Voltages

220/380V, 380/660V, 230/400V, 400/690V

## Environmental & Construction

Ambient Temperature Range	-15°C to 40°C
Frame Material	Cast Iron

## Applications

### Recommended Applications

- Pumps
- Fans
- Compressors
- Reducers
- General Machinery