

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