

IE4 Premium Efficiency Aluminum Three-Phase Motor

This high-efficiency IE4 motor features a durable aluminum housing and is designed for demanding industrial applications. It offers exceptional energy savings and reliable performance with an optimized cooling system.



Overview

IE4 Premium Efficiency Aluminum Motor

This IE4 premium efficiency three-phase motor is engineered with a lightweight aluminum housing, offering exceptional energy savings for industrial environments. Designed for versatility, it supports a wide power range and multiple mounting configurations to suit diverse machinery. Its robust construction ensures reliable performance in demanding applications like pumps, fans, and compressors.

Performance

Efficiency Class

IE4

Key Specifications

56 mm

Min Frame Size

160 mm

Max Frame Size

Power Range

0.12KW - 18.5KW

Electrical

Standard Voltages

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

Mechanical

Mounting Configurations

B3, B5, B34, B35, V1

Cooling Method

IC411 (Standard)

Terminal Box Position

Top, Right Hand, Left Hand

Environmental

Ingress Protection

IP55 (Standard)

Insulation Class

F

Ambient Temperature Range

-15°C to 40°C

Applications

Typical Applications

- Pumps
- Fans
- Compressors
- Reducers
- General Machinery

Customization

Available Customizations

Feature Category	Options
Electrical	Custom Voltage
Insulation	H Class
Protection	IP56, IP65, IP66
Cooling	IC410, IC416
Thermal Protection	PTC, PTO, PT100, Heater
Mechanical	Special Shaft, C3/C4 Painting