

# Aluminum Three-Phase Asynchronous Motor

This totally enclosed fan-cooled motor features a squirrel cage design. Constructed with a die-cast aluminum alloy housing, it delivers high efficiency and a large starting torque.



## Product Overview

### High-Efficiency Aluminum Motor

The IE1/IE3 aluminum three-phase asynchronous motor is a totally enclosed, fan-cooled squirrel cage motor designed for versatile industrial drive applications. Constructed with a die-cast aluminum alloy housing, this motor combines a lightweight, compact design with high efficiency and large starting torque. It offers reliable, safe operation with low noise and vibration levels, making it a robust choice for various mechanical systems.

## Technical Specifications

Efficiency Class	IE1, IE3
Cooling Method	Totally Enclosed Fan Cooled (TEFC)
Motor Type	Squirrel Cage Asynchronous
Housing Material	Die-cast Aluminum Alloy

## Certifications

### International Standards

ISO 9001 • ISO 14000 • ISO 18000 • CE • SABS

## Key Features

### Performance Highlights

- High efficiency
- Large starting torque
- Low noise operation
- Low vibration
- Lightweight construction
- Easy maintenance