

# IE2 Series Three-Phase Asynchronous Motor

This IE2 series motor adheres to national energy efficiency standards GB18613-2012. It is designed with new materials, processing methods, and safety technology for use in various general machinery and hazardous environments.



## Overview

### High-Efficiency Industrial Motor

The IE2 series three-phase asynchronous motor is designed to meet national energy efficiency standards, providing a refreshed generation of performance for industrial applications. Featuring a totally enclosed fan-cooled squirrel cage design, these motors utilize advanced materials and processing methods to ensure durability and reliability. They are engineered to replace older Y and Y2 series models, offering superior efficiency, reduced noise, and lower vibration levels for demanding environments.

## Technical Specifications

Efficiency Standard	IE2
Protection Degree	IP55
Insulation Class	F
Cooling Type	Totally Enclosed Fan Cooled (TEFC)
Construction Material	Cold-rolled steel

## Certifications

Compliance & Standards	CE, ISO 9001, ISO 14000, ISO 18000, SASO, SABS
------------------------	--

## Applications

### Typical Applications

- Fans
- Pumps
- Machine tools
- Compressors
- Transportation machinery
- Oil and chemical industry
- Steel and paint industry
- Mining industry