

# Three-Phase Asynchronous Motor

This high-efficiency motor is designed for a variety of machinery drives. It features robust construction and energy-saving operation.



## Overview

### Industrial Y Series Performance

The Y Series three-phase squirrel cage induction motor is a totally enclosed fan-cooled unit engineered for reliable industrial performance. Designed in accordance with international IEC standards, it offers high energy efficiency, low vibration, and minimal noise levels. This versatile motor is suitable for a wide range of applications including pumps, fans, and transport machinery, ensuring continuous and stable operation.

## Electrical Specifications

### Connection Type

Power Rating	Connection
Up to 3kW	Star-connection
4kW and above	Delta-connection

Voltage Range: 220V - 760V

Rated Frequency: 50Hz, 60Hz

## Operating Environment

### Operating Metrics

**40 °C**

Max Ambient Temp

**1000 m**

Max Altitude

### Protection Class

IP44 • IP54 • IP55

## Technical Standards

### Insulation Classes

- Class B
- Class F
- Class H

Duty Cycle: S1 (Continuous)