

# Three-Phase Induction Motor IE1 EFF2 IP55

This three-phase induction motor is designed for a variety of industrial applications. It features robust construction, an optimized cooling system, and high-quality insulation.



## Product Overview

### Industrial Three-Phase Performance

The Y3 series induction motor is a robust, fan-cooled solution designed for demanding industrial environments. Featuring high-quality cold-rolled silicon steel, it offers excellent torque, low noise, and reliable efficiency. Its versatile design makes it ideal for powering machinery such as pumps, compressors, blowers, and various transport systems.

## Key Performance Metrics

### Performance Metrics

**380 V**

Rated Voltage

**50 HZ**

Rated Frequency

## Technical Specifications

### Core Specifications

| Attribute           | Value      |
|---------------------|------------|
| Frame Size Range    | H80 - H355 |
| Efficiency Standard | IE1 / EFF2 |
| Protection Class    | IP55       |
| Insulation Class    | F          |

## Operating Environment

### Operating Limits

- Ambient Temperature: -15°C to 40°C
- Maximum Altitude: 1000m above sea level

## Compliance and Ratings

### Standards

IE1 • EFF2 • IP55 • Class F