

# Three-Phase Asynchronous Electric Motor

This three-phase asynchronous electric motor is designed for various industrial applications. It features robust construction with cooling fins for efficient heat dissipation.



## Overview

### Professional Three-Phase Asynchronous Motor

This three-phase induction motor is designed for high-performance industrial applications, offering a robust construction with efficient heat dissipation via integrated cooling fins. It combines low noise and vibration levels with a lightweight, compact form factor to ensure reliable operation. With flexible mounting options and broad compatibility, it is an ideal solution for fans, pumps, and agricultural irrigation systems.

## Technical Specifications

### Power Output

**0.55 kW**

Minimum Power

**18.5 kW**

Maximum Power

### Number of Poles

- 2
- 4
- 6
- 8

### Frame Size Range

71–160

## Electrical Ratings

### Supported Voltages

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

### Frequency

- 50 Hz
- 60 Hz

## Environmental and Standards

### Protection Rating

IP 55

### Insulation Class

F

### Efficiency Level

IE1

## Operational Details

### Mounting Configurations

B3, B14, B34, B5

### Cooling Method

IC411

### Duty Cycle

S1

## Applications

### Primary Applications

- Building water supply
- Municipal drainage
- Ventilation systems
- Agriculture irrigation