

# Three-Phase Aluminum Electric Motor

This three-phase asynchronous motor complies with IEC60034-30 standards for standard efficiency. With frame sizes H56-160 and power ranging from 0.09kW to 15kW, it is suitable for use in fans, water pumps, air compressors, and hydraulic power units.



## Product Overview

### High-Performance Three-Phase Aluminum Motor

This MS series three-phase aluminum motor is a versatile, general-purpose electric motor engineered for demanding industrial environments. Featuring a lightweight aluminum frame designed for superior heat dissipation, it offers reliable performance, low vibration, and robust durability. Built to IEC standards, this motor is ideal for continuous duty (S1) operations, providing a safe and cost-effective power transmission solution.

## Technical Specifications

### Protection Class

IP54 • IP55

### Insulation Class

F Class

### Temperature Rise

B

### Duty Cycle

S1 (Continuous)

## Design & Construction

### Frame Material

Aluminum

### Design Standards

IEC Standard

### Frame Features

Removable feet, Dust-proof, Vermin resistant, Corrosion resistant

## Performance Metrics

### Performance Highlights

**1 Low**

Vibration Level

**1 High**

Operational Safety