

# Aluminum Housing Single-Phase Electric Motor

This single-phase electric motor features an aluminum housing. It is designed for applications requiring single-phase power and comes in frame sizes from 56 to 112, with outputs ranging from 0.06 KW to 4 KW.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Single-Phase Aluminum Motors

These aluminum housing single-phase asynchronous motors are engineered for reliability and efficient operation in various industrial and small machinery applications. Available in both ML (dual-capacitor) and MY/MYT (capacitor-run) series, they offer versatile power output ranges and frame sizes to suit diverse requirements. Designed to conform to IEC standards, these motors provide a balance of high starting torque, low noise, and lightweight construction.

## Technical Specifications

### ML Series Performance

Metric	Specification
Power Range	0.18KW - 4KW
Frame Size	63 - 112
Starting Torque	Up to 2.5x rated
Design	Dual-capacitor asynchronous

### MY/MYT Series Performance

Metric	Specification
Power Range	0.09KW - 3KW
Frame Size	56 - 100
Starting Torque (MY)	0.3 - 0.7x rated
Starting Torque (MYT)	0.45 - 0.75x rated
Design	Capacitor-run asynchronous

### Efficiency Indicators

**0.88**

Power Factor (Cos  $\phi$ )

**55**

Protection Class (IP)

## Key Features

### Product Highlights

Aluminum Housing, IEC Standard Compliant, Low Noise, Low Vibration, Lightweight, Easy Maintenance

## Typical Applications

### Common Use Cases

- Air Compressors
- Pumps
- Small Industrial Machinery
- General Purpose Industrial Equipment