

# Single-Phase Aluminum Electric Motor

This single-phase motor includes a run capacitor. It is commonly used in equipment requiring low start torque, such as fans and water pumps.



## Overview

### High-Performance Single-Phase Motor

This single-phase asynchronous motor is designed for reliable performance in general-purpose industrial applications. Featuring a durable aluminum frame with removable feet, it offers excellent resistance to dust, corrosion, and vermin. Engineered for safety and efficiency, it supports continuous S1 operation for pumps, fans, and compressors.

## Technical Specifications

### Insulation Class

Class F

### Temperature Rise

Class B

### IP Rating

IP55

### Work Duty

S1 (Continuous)

### Construction Features

Aluminum Frame, Removable Feet, Dust-proof, Corrosion Resistant, Vermin Resistant

## Performance Metrics

### Key Performance Metrics

**0.55 kW**

Power

**1400 RPM**

Speed

**4.1 A**

Rated Current

**0.97 cos  $\phi$**

Power Factor

### Electrical Specifications

Parameter	Value
Voltage	220 V
Frequency	50 Hz
Frame Size	80