

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 ϕ

Power Factor

Electrical Specifications

Parameter	Value
Voltage	220 V
Frequency	50 Hz
Frame Size	80