

Single-Phase Aluminum Electric Motor

This single-phase motor features dual capacitors and an aluminum housing. It is suitable for equipment needing high start torque, such as air compressors.



Overview

High-Performance Single-Phase Induction Motor

This aluminum-frame induction motor is engineered for reliability and efficient performance in demanding industrial environments. Featuring an IP55-rated enclosure for dust and corrosion resistance, it is designed for continuous S1 duty cycles. Its versatile construction and compliance with IEC standards make it an ideal choice for powering pumps, fans, and various machinery requiring consistent single-phase power.

Technical Specifications

Insulation Class

Class F

Temperature Rise

Class B

IP Rating

IP55

Duty Cycle

S1 (Continuous)

Construction

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

Performance Metrics

Performance Data

1.1 kW

Power Output

1.5 HP

Horsepower

1400 RPM

Speed

7.6 A

Rated Current

Electrical Parameters

Parameter	Value
Voltage	220 V
Frequency	50 Hz
Capacitor	25 uF / 450 VAC
Power Factor (Cos)	0.97
Poles	4