

# Single-Phase AC Motor with Start Capacitor

This single-phase motor utilizes a start capacitor. It is suitable for equipment requiring high start torque, such as air compressors.



## Product Overview

### High-Performance Single-Phase AC Motor

This single-phase induction motor features a durable aluminum frame designed for reliability in demanding industrial environments. Engineered with F-class insulation and a B-temperature rise rating, it ensures consistent operation and longevity. With an IP55 protection rating, the motor offers excellent resistance to dust and corrosion, making it suitable for a wide range of applications including pumps, fans, and compressors.

## Technical Specifications

### Key Performance Indicators

**0.75 kW**

Power Output

**1400 r/min**

Speed

**6.2 A**

Rated Current

**50 Hz**

Frequency

### Electrical Data

Parameter	Value
Voltage	220 V
Power Factor (Cos $\phi$ )	0.75
Duty Cycle	S1 (Continuous)

## Construction & Design

### Protection Class

IP55

### Design & Build

Aluminum Frame, Removable Feet, IEC Standard Dimensions, Corrosion Resistant, Vermin Resistant, Dust-proof

### Insulation Class

F