

Single Phase AC Asynchronous Motor

This AC asynchronous motor is designed for single-phase power applications. It features an aluminum frame and an efficient cooling system.



Overview

High-Efficiency Aluminum Motor

This Single Phase AC Asynchronous Motor is engineered with a durable aluminum frame, offering a lightweight yet robust solution for diverse industrial and commercial applications. Designed for versatility, it supports multiple mounting configurations and provides reliable performance in environments ranging from -15°C to 40°C. With an IP55 protection rating and efficient IC411 cooling, this motor is an ideal choice for powering small machinery such as air conditioners, pumps, and medical equipment.

Performance Metrics

Power Range

0.09 kW

Min Power

3 kW

Max Power

Rated Speed 1410 RPM

Rated Current 7.3 A

Technical Specifications

Insulation Class

Class F

Protection Class

IP55

Frame Range 56 to 100

Supported Voltages 110V, 220V, 230V, 240V, 460V

Frequency 50Hz, 60Hz

Cooling Method IC411

Configuration

Available Mounting

- B3
- B5
- B34
- B35
- B14

Series Variants

Series	Capacitor Type
JLY Series	Running capacitor
JLC Series	Starting capacitor
JLL Series	Double capacitors

Applications

Suitable Applications

- Reducers
- Air Conditioners
- Pumps
- Medical Equipments