

Single-Phase Aluminum Body Electric Motor

This single-phase electric motor features a lightweight aluminum body for enhanced heat dissipation. It is designed for applications needing high starting torque, such as air compressors and pumps.



ADDITIONAL IMAGES



Overview



Standard aluminum body motor design optimized for efficient heat dissipation.

High-Performance Aluminum Body Motor

The ML/MC/MY series single-phase electric motors are engineered for reliability and efficient operation across diverse industrial applications. Built with a lightweight aluminum body, these motors provide excellent heat dissipation and structural durability. They are specifically designed for machinery requiring high starting torque and superior overload capacity, making them an ideal choice for pumps, air compressors, fans, and medical apparatus.

Key Advantages

Performance Benefits

High Performance, Reliable Operation, Easy Maintenance, Low Noise, Low Vibration, Lightweight Construction

Technical Specifications

TOPS
LANDTOP



Robust construction suitable for various industrial machinery applications.

Rated Frequency

- 50Hz
- 60Hz

Insulation Class

Class B • Class F

Protection Class

IP44 • IP54 • IP55

Rated Voltage

220V

Duty Cycle

Continuous (S1)

Cooling Method

IC0141

Operating Conditions

Ambient Temperature

-15 °C

Min Temp

40 °C

Max Temp

Maximum Altitude

1000 m

Applications

Suitable Applications

- Air Compressors
- Water Pumps
- Industrial Fans
- Medical Apparatus
- Small Machinery