

# Single-Phase Electric Motor with Copper Wire

This single-phase electric motor is constructed with 100% copper wire for enhanced conductivity. It provides reliable power for pumps, compressors, fans, and other machinery.



## Overview

### High-Performance Single-Phase Motor

The MY/ML series motor is a robust, totally enclosed fan-cooled (TEFC) unit featuring a double-valued capacitor design for superior starting and running performance. Constructed with high-quality aluminum housing and 100% copper wiring, this motor ensures excellent durability, low noise operation, and efficient heat management. It is an ideal power solution for small-scale machinery and water pumps in environments where only single-phase power is available.

## Technical Specifications

Cooling System	Totally Enclosed Fan Cooled (TEFC)
Motor Type	Single-Phase, Double Valued Capacitor
Housing Material	Aluminum
Winding Material	100% Copper Wire

## Performance Features

### Operational Advantages

- High starting torque
- Smooth running operation
- Low temperature rise
- Low noise output
- Great overload performance

## Compliance & Standards

Standards Compliance	IEC Standard
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## Applications

### Typical Applications

Water Pumps • Small Driving Machinery • Compressors • Fans • Family Workshops