

Single-Phase AC Electric Motor with Copper Wiring

This single-phase AC motor is constructed with copper wiring for optimal electrical conductivity. It delivers reliable power for pumps, compressors, and various machine tools.



Product Overview

High-Performance Single-Phase Electric Motor

The YC series is a heavy-duty, totally enclosed fan-cooled (TEFC) single-phase electric motor engineered for reliability and high performance. Featuring 100% copper wiring, it offers superior efficiency, high starting torque, and excellent overload capacity. Designed for easy maintenance and quiet operation, these motors are ideal for powering water pumps, compressors, and small machine tools in environments where only single-phase power is available.

Technical Specifications

Cooling Method	Totally Enclosed Fan Cooled (TEFC)
Winding Material	100% Copper
Capacitor Configuration	Starting Capacitor, Running Capacitor

Performance Features

Key Performance Indicators

1 ph
Phase

Operational Benefits

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

Compliance & Compatibility

Compliance Standards

IEC Standard

Suitable Applications

- Water pumps
- Compressors
- Machine tools
- Small driving machines
- Family workshops