

YC Series Single-Phase Electric Motor

The YC series single-phase electric motor is designed for applications requiring reliable power and efficient performance. It features robust construction for durability and a cooling system to prevent overheating.



ADDITIONAL IMAGES



Product Overview

High-Performance Single-Phase Power

The YC series heavy-duty motor is an ideal solution for machine tools and water pumps in settings where only single-phase power is accessible. Engineered to meet IEC standards, these motors offer superior starting torque and efficient cooling through an IP44 totally enclosed fan-cooling design. Constructed with high-quality materials, this motor ensures smooth operation, low noise levels, and robust overload performance for reliable long-term service.

Performance Metrics

Capacitor Starting Limit	3 HP
Starting Torque (50Hz)	3 x rated
Starting Torque (60Hz)	2.75 x rated

Technical Standards

Protection Class

IP44

Insulation Class

Class B

Operating Environment

Ambient Temperature	-15 to +40
Maximum Altitude	1000 m

Design Features

Start/Run Configuration

- Capacitor start (3HP or below)
- Capacitor start and run (4HP or over)

Cooling System

IC0141 Fan-cooling