

Series Three-Phase Electric Motor

This series three-phase electric motor is a general-purpose industrial motor. It is widely applied in fans, water pumps, air compressors, hydraulic power units, and oil and steel machinery.



Overview

Industrial Three-Phase Performance

The Series three-phase electric motor is designed for robust performance in demanding industrial environments. Featuring a squirrel-cage rotor and cast-iron frame construction, this motor is built for reliability in applications such as pumps, fans, compressors, and conveyors. With an F-class insulation and S1 duty rating, it provides consistent power for continuous operation.

Electrical Specifications

Rated Voltage	220/380V, 380/660V
Rated Frequency	50 Hz

Operational Characteristics

Environmental Conditions

40 Max Ambient Temp	1000 m Max Altitude
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Work Duty	S1 (Continuous)
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Construction & Protection

Protection Class	IP55
Insulation Class	F
Cooling Method	IC411

Installation Details

Wiring Configuration

Power Rating	Wiring Type
3KW and below	Star connection
4KW and above	Delta-connection

Optional Features

Available Optional Add-ons

- Space heater
- PTC thermal protection
- PTO thermal protection