

Three-Phase Induction Motor

This three-phase induction motor is designed for a wide range of industrial applications. It features a totally enclosed fan-cooled enclosure for protection against dust and water.



ADDITIONAL IMAGES



Overview

Industrial Y2 Series Induction Motor

The Y2 series three-phase induction motor is a high-performance, fan-cooled solution designed for demanding industrial environments. Built with Class F insulation and a robust cast-iron frame, these units offer superior reliability and thermal protection compared to older series. This motor conforms to international IEC standards, ensuring seamless integration into pumps, compressors, and ventilation systems.

Performance Metrics

Key Performance Metrics

1.1 kW

Power Rating

1400 r/min

Synchronous Speed

0.78 COS ϕ

Power Factor

Technical Specifications

Electrical Characteristics

Parameter	Value
Voltage	220/380V
Current	4.7/2.7A
Frequency	50Hz
Duty Cycle	S1 (Continuous)

Construction Features

- Class F Insulation
- Cast iron frame
- Copper windings
- Totally enclosed fan-cooled (TEFC)

Compliance and Standards

Ingress Protection

IP54 • IP55

Certifications

CE, ISO 9001, IEC 60034-1, IE1 Energy Class