

# Cast Iron Three-Phase Induction Motor

This high-efficiency three-phase induction motor features a durable cast iron frame designed for continuous operation. Optimized ventilation ensures effective thermal management, while its versatile mounting configuration suits various industrial applications, including pumps, fans, compressors, and machine tools.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Induction Motor

The Y2 series three-phase induction motor is designed according to national uniform standards, ensuring full compliance with IEC34-1 and JB/T 8680.1-1998 requirements. Engineered with a robust cast iron frame, these motors offer sophisticated construction, low vibration, and quiet operation for demanding environments. They are suitable for continuous S1 duty and various industrial applications, including pumps, fans, and machine tools.

## Technical Specifications

### Protection Class

IP44 • IP55

### Insulation Class

F • H

### Operating Duty

S1 (Continuous)

### Cooling Method

ICO141

## Operating Conditions

### Ambient Temperature Range

**-15 °C**

Minimum

**40 °C**

Maximum

### Maximum Altitude

1000 m

## Electrical Data

### Connection Type

Power Output	Connection
Up to 3KW	Star
4KW and above	Delta

Voltage Range	220V - 760V
---------------	-------------

## Compliance

Certified Standards	IEC34-1, JB/T 8680.1-1998, CE
---------------------	-------------------------------