

# Three-Phase Asynchronous Motor

This three-phase motor is available in aluminum (H56-132) and cast iron (H56-355) frames, with power ranging from 0.18kW to 315kW. It is widely used in fans, water pumps, air compressors, hydraulic power units, and oil and steel machinery.



## ADDITIONAL IMAGES



## General Overview

### Reliable Three-Phase Power

The AP series three-phase asynchronous motors are designed for high-performance industrial applications, offering versatile frame options in aluminum (H56-132) and cast iron (H56-355). Engineered for reliability, these motors deliver consistent power ranging from 0.18kW to 315kW, making them ideal for demanding environments such as oil and steel machinery, water pumps, and air compressors. Built to withstand rigorous operating conditions, they feature an IP55 protection class and F-class insulation to ensure long-term durability and efficiency.

## Performance Metrics

### Power Output

**0.18 kW**

Minimum Power

**315 kW**

Maximum Power

Rated Frequency

50 Hz

Work Duty

S1

## Technical Specifications

### Wiring Method

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

### Protection Class

IP55

Rated Voltage 220/380V, 380/660V

Insulation Class F

Cooling Method IC411

## Operating Conditions

Ambient Temperature -15 to 40

Maximum Altitude 1000 m

## Applications

### Common Applications

- Fan systems
- Water pumps
- Air compressors
- Hydraulic power units
- Oil machinery
- Steel machinery