

# Three-Phase Electric Motor

This three-phase electric motor is designed for industrial applications. It features robust construction and reliable performance for a wide range of machinery and equipment.



## ADDITIONAL IMAGES



## Overview

### Industrial Y Series Electric Motor

The Y series is a totally enclosed, fan-cooled three-phase squirrel cage induction motor designed in strict conformity with IEC and DIN42673 standards. Engineered for industrial reliability, these motors deliver high efficiency, significant energy savings, and high starting torque with minimal noise and vibration. They are ideally suited for general purpose applications including machine tools, pumps, fans, transport machinery, and agricultural equipment.

## Technical Specifications

### Wiring Connection

Power Rating	Connection Type
3 kW and below	Y Connection
4 kW and above	Delta Connection

Design Standards	IEC, DIN42673, TEFC
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## Performance

### Operational Performance

<b>55 IP</b> Protection Class	<b>155 Class F</b> Insulation Class
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## Application

### Common Applications

- Machine tools
- Pumps
- Fans
- Transport machinery
- Mixing equipment
- Agriculture machinery
- Food processing machines