

Three-Phase Induction Motor

This totally enclosed fan-cooled (TEFC) motor is designed for general purpose applications. It is suitable for driving pumps, fans, compressors, machine tools, and conveyors.



Overview

Professional Performance

The Y3 series three-phase induction motor is a totally enclosed, fan-cooled squirrel cage motor designed for high-performance industrial applications. Built with high-quality cold-rolled silicon steel, it offers excellent starting performance, low noise, and large torque. This versatile motor is engineered for reliability in demanding environments, making it an ideal choice for machinery such as pumps, compressors, and conveyors.

Technical Specifications

Efficiency Metrics

1 IE

Efficiency Standard

2 EFF

Efficiency Class

Electrical Parameters

Parameter	Value
Rated Voltage	380V (Customizable)
Rated Frequency	50Hz or 60Hz
Protection Class	IP55
Insulation Class	F

Frame Sizes	H80-355
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Operating Environment

Operating Limits

- Ambient Temperature: -15°C to 40°C
- Altitude: Max 1000m above sea level

Applications

Common Industrial Uses	Machine Tools, Blowers, Pumps, Reducers, Compressors, Transporters, Agricultural, Packaging
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