

Industrial Electric Motor

This high-efficiency electric motor is designed for industrial applications. Its robust construction includes cooling fins for thermal management and ensures reliable, energy-efficient power for various machinery.



Product Overview

Industrial Grade Performance

This industrial electric motor is engineered for reliability and high efficiency in demanding environments. Featuring a heavy-duty cast iron construction and Totally Enclosed Fan Cooled (TEFC) design with an IP55 rating, it ensures durability and protection against environmental factors. The motor supports bi-directional rotation and offers versatile mounting options, making it suitable for a wide range of industrial machinery and high-inertia load applications.

Electrical Specifications

Power & Efficiency

60 Hz

Frequency

1.15

Service Factor

Efficiency Standards

- Premium Efficiency: 1-200HP (2, 4, 6 Pole) and JM/JP models
- EPACT Efficiency: 250-500HP (2, 4, 6 Pole)
- EPACT Efficiency: 3-350HP (8 Pole)

Mechanical Construction

Protection & Insulation

TEFC • IP55 • Class F Insulation • VPI Varnished

Construction Materials

Cast Iron Frame, Cast Iron Bracket, Cast Iron Conduit Box, Aluminum Die Cast Rotor, 1045 Carbon Steel Shaft, Alloy Steel Shaft

Operational Parameters

Environment & Mounting

Parameter	Value
Ambient Temperature	40°C
Altitude Limit	3300 Feet
Mounting	F1 (F2 available)
Rotation	Bi-directional

Protection Features

Yes