

# Totally Enclosed Fan Cooled Electric Motor

This TEFC electric motor is designed for industrial applications. It features robust construction for protection against dust, moisture, and other contaminants, making it suitable for pumps, compressors, and general-purpose machinery.



## Product Overview

### Industrial TEFC Electric Motor

This Totally Enclosed Fan Cooled (TEFC) motor is engineered for reliable performance in demanding industrial and commercial environments. Designed with a robust rolled steel construction, it offers superior protection against dust, moisture, and contaminants. Featuring a 1.15 service factor and high starting torque, this motor is an ideal solution for applications requiring dependable, continuous-duty operation.

## Technical Specifications

Service Factor	1.15
Duty Rating	Continuous Duty
Ambient Temperature	40 °C
Insulation Class	Class F with Class B Temp Rise
NEMA Design	Design L

## Construction & Features

### Enclosure

TEFC • Totally Enclosed Fan Cooled

Construction Material	Rolled Steel
Bearing Type	Ball Bearings
Mounting	Rigid Base
Overload Protection	Manual Overload

## Applications

### Typical Applications

- Commercial Pumps
- Swimming Pool Pumps
- Fans and Blowers
- Conveyors
- HVAC Equipment
- Small Machine Tools
- Augers
- Household Electric Appliances