

# Synchronous Electric Motor for Industrial Use

This synchronous electric motor is engineered for industrial applications requiring precise speed control and high efficiency. The motor features a durable construction, ensuring long-lasting performance in demanding environments.



## Product Overview

### Industrial Synchronous Performance

The T Series Synchronous Motor is a high-efficiency electrical machine engineered for industrial environments requiring constant speed and precise control. It utilizes an advanced synchronous rotation principle to deliver stable performance across demanding applications like pumps, compressors, and industrial fans. The design emphasizes longevity through robust construction and integrated thermal management systems.

## Technical Specifications

### Core Components

- Precisely wound stator coils
- Salient pole or cylindrical rotor
- Robust industrial frame
- Advanced cooling system

### Operating Principle

Synchronous rotation synchronized with AC power frequency

### Safety & Protection

Overload Protection, Short-Circuit Protection, Thermal Protection

## Application Suitability

### Primary Applications

- Industrial Pumps
- Compressors
- Industrial Fans
- Constant-speed machinery