

# TEFC Squirrel-Cage Three-Phase Motor

This three-phase motor features a totally enclosed fan-cooled (TEFC) squirrel-cage design. It is suitable for applications requiring constant speed, such as driving pumps, fans, compressors, and machine tools.



## Product Overview

### Y2 Series TEFC Motors

The Y2 series three-phase motors are robust, general-purpose low-voltage units featuring a totally enclosed fan-cooled (TEFC) squirrel-cage design. These motors are optimized for continuous duty (S1) applications, offering high energy efficiency and reliability for demanding industrial environments. Designed for versatility, they are ideal for driving pumps, fans, compressors, and machine tools with consistent performance and low operating noise.

## Performance

|              |  |
|--------------|--|
| Duty Cycle   | S1 (Continuous)  |
| Key Features | High Efficiency, Energy Saving, High Starting Torque, Low Noise, Low Vibration |

## Mechanical Design

|              |                                    |
|--------------|------------------------------------|
| Enclosure    | TEFC (Totally Enclosed Fan-Cooled) |
| Rotor Design | Squirrel-Cage                      |

## Installation

### Mounting Options

- B3 (Foot-mounted)
- B5 (Flange-mounted)
- B14 (Face-mounted)

## Standards

Compliance  
IEC Standards