

# Three-Phase Squirrel Cage Induction Motor

This three-phase induction motor is engineered with updated techniques, representing a renewal of the Y series. Defined as totally enclosed and fan-cooled, the squirrel cage type motor is noted for its compact structure and high efficiency.



## Product Overview

### Y2 Series Induction Motor

The Y2 Series is a modern, upgraded line of three-phase squirrel cage induction motors designed for high efficiency and reliability. These motors feature a totally enclosed, fan-cooled (TEFC) construction with a compact, robust design that excels in demanding industrial environments. They are specifically engineered to provide excellent starting performance, low noise operation, and consistent torque, making them ideal for driving blowers, pumps, compressors, and various industrial machinery.

## Technical Specifications

### Available Rated Voltages

- 220/380V
- 380/660V
- 220/380/440V

Protection Class	IP55, IP56
Insulation Class	B, F, H
Cooling Type	IC0141
Operation Type	S1 (Continuous Duty)
Rated Frequency	50Hz (60Hz compatible)

## Key Features

### Standard Features

- Vacuum varnish impregnation for superior tropic proof insulation
- Industrial type service factors
- Heavy duty ball bearings
- High strength cast iron frame
- Dynamically balanced rotors