

Three-Phase AC Induction Inverter Duty Motor

This three-phase AC induction motor is designed for variable frequency drive applications. It is suitable for machinery requiring precise speed and torque control, such as cranes and agricultural equipment.



Product Overview

Versatile Inverter Duty Motors

The Y2VF series three-phase AC induction inverter duty motors are engineered for superior compatibility with modern frequency inverters, offering a frequency range between 5-100Hz or 3-100Hz. Designed through advanced computer modeling, these units minimize harmonic interference while delivering high efficiency, low noise, and stable performance. Their standard mounting dimensions ensure seamless interchangeability with traditional Y/Y2 series motors, facilitating quick installation and simplified maintenance in industrial environments.

Technical Specifications

Enclosure Rating

IP54

Frequency Range

5-100Hz or 3-100Hz

Standards

IEC72-1, YVF Technical Specs

Performance Features

Performance Highlights

- High efficiency and energy saving
- Low-noise operation
- Wide margin of speed changes
- Quick reaction time
- Reduced harmonic distortion

Applications

Typical Industrial Applications

- Digital control machinery
- Textile industry
- Metallurgical industry
- Fan and pump applications
- Cranes
- Agricultural construction machinery