



High Efficient High Voltage Electric Motor 6KV And 10KV Energy Saving

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNDK
- Certification: CCC
- Model Number: YXKK
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: wooden case
- Delivery Time: 15-30 Days
- Payment Terms: L/C, T/T, D/P, D/A
- Supply Ability: 500 sets per year



Product Specification

- Rated Voltage: 6KV Or 10KV (special Voltage Can Be Manufactured As Required)
- Rated Frequency: 50Hz (60Hz Can Be Manufactured As Required)
- Work System: S1 Continuous Work
- Protection Level: IP54/IP55
- Insulation Class: Class F
- Highlight: **high efficient High Voltage Electric Motor ,
energy saving High Voltage Electric Motor ,
high efficient 3 phase asynchronous motor**

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Product Description

High-efficiency high-voltage three-phase asynchronous motor 6KV and 10KV



Product Description

YXKK series high-efficiency high-voltage three-phase asynchronous motors have two voltage levels: 6KV and 10KV.

The development of this series of motors adopts advanced analysis technology, high-quality materials and scientific processing techniques are used in the manufacture, so that the series motors have the advantages of high efficiency, low noise, low vibration, high reliability, and convenient installation and maintenance.

Related reference standards

JB/T 12730-2016 "YKK, YXKK series high voltage three-phase asynchronous motor technical conditions and energy efficiency classification (frame number 355-630)"

JB/T 12729-2016 "YKK, YXKK series 10KV three-phase asynchronous motor technical conditions and energy efficiency classification (frame size 400-630)"

GB 30254-2013 "High-voltage three-phase cage asynchronous motor energy efficiency limit value and energy efficiency rating"

Model description (take YXKK500-4 as an example)

YXKK—enclosed high-efficiency cage rotor asynchronous motor with air-to-air cooler;

500—represents the center height of the motor 500mm;

4—represents level 4;

Basic parameters

- (1) Rated voltage: 6KV or 10KV (special voltage can be manufactured as required)
- (2) Rated frequency: 50Hz (60Hz can be manufactured as required)
- (3) Work system: S1 continuous work
- (4) Protection level: IP54/IP55
- (5) Cooling method: IC611/IC616
- (6) Motor structure type installation method: IMB3
- (7) Insulation class: Class F

Structural features

This series of motors adopt a box-type appearance, and the frame is welded by steel plates. This makes the motors have the characteristics of good rigidity and light weight. The optimized design of the motor structure also makes the series motors have the advantages of easy installation and maintenance.

The stator and rotor punching sheets are punched from low-loss non-oriented cold-rolled silicon steel sheets.

The stator adopts an external pressure structure, the stator winding adopts F-class insulating material, and the coil ends are reliably fixed and bound. After the coil ends are connected, they need to undergo an inter-turn pulse voltage test, and adopt the international advanced vacuum pressure impregnation solvent-free paint (VPI) Process treatment.

The squirrel cage rotor has two structures: cast aluminum and copper bars. It is manufactured by advanced and reliable cast aluminum technology or welding technology, and has undergone dynamic balance verification, so the motor runs smoothly and reliably.

The bearing adopts two structural forms: rolling bearing and sliding bearing, depending on the power of the motor, the mining industry and the speed.

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