



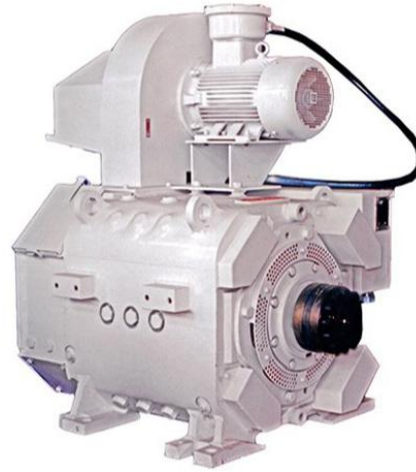
Oilfield motor

Product Overview

The YZ08/YZ08A DC motor is a four-pole series-wound DC motor with forced ventilation, suitable for driving drilling rig winches, mud pumps, rotary tables, and similar equipment.

Motor Features:

1. Horizontal configuration with single shaft extension and dual bearing support structure.
2. Equipped with pressure differential switch and maintenance switch.
3. Incorporates space heater.



Product Technical Standards and Specifications

Rated Power	800 kW
Rated Voltage	750 V
Rated Current	1150 A
Rated Speed	970 r/min
Rated Torque	8033 N•m
Power Factor	92.70%
Insulation Class	H
Weight	3200 kg

YJ13G2/G5 AC Oilfield Drilling Motor

Product Overview

This motor is our company's flagship model for AC oilfield drilling motors exported to the Russian market, with product performance matching that of foreign counterparts.



Product Technical Standards and Specifications

Rated Power: 1200 kW

Rated Voltage: 690 V

Rated Current: 1143 A

Rated Speed: 1000 r/min

Rated Frequency: 50.5Hz

Rated Torque: 11460N•m

Maximum Speed at Constant Power: 1500r/min

Power Factor: 0.89

Rated Efficiency: 94.50%

Insulation Class: 200

Weight: 3500kg



YJ13A13 Enhanced Safety Type Variable Frequency Drive Asynchronous Motor

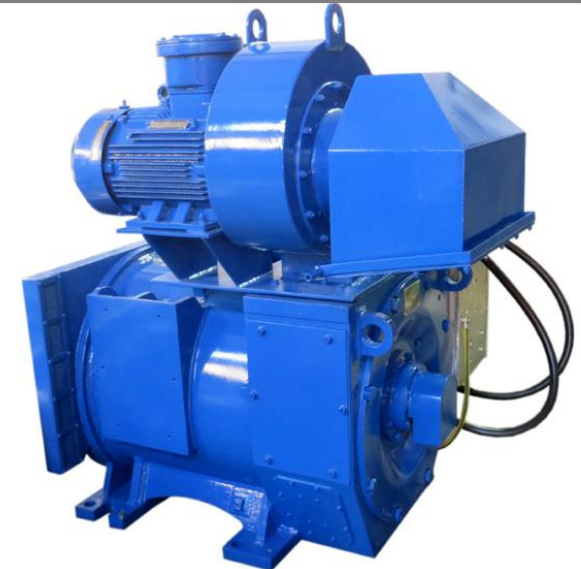
Product Overview

YJ13A13 Increased Safety Type Variable Frequency Drive Asynchronous Motor. Suitable for driving and controlling voltage-source type variable frequency drive systems, it can be used to drive drilling rig winches, mud pumps, rotary tables, etc., or serve as a drive motor for other variable frequency speed control devices. Motor Features:

1. Stator windings use molded windings, 6-pole motor.
2. Rotor employs copper bar cage construction.
3. Each phase winding equipped with two PT100 winding temperature sensors.
4. Motor fitted with space heater.
5. Suitable for marine environments.
6. Overall motor protection rating: IP44.
7. Fully explosion-proof motor with marking Ex d e II B T3 Gc, certificate number CJEx15.0028.

Product Technical Standards and Specifications

Rated Power 800kW	Rated Voltage 690V
Rated Current 826A	Rated Speed 1000 r/min
Rated Frequency 50.5Hz	Rated Torque 7640 N•m
Maximum Speed at Constant Power 1750 r/min	
Power factor 0.85	Rated efficiency 95%
Insulation class 200	Weight 3150 kg



YJ131 AC Variable Frequency Drive Motor

Product Overview

Top drive-specific AC motor, designed for oilfield drilling top drive systems (the critical equipment driving drill string rotation during drilling operations), capable of stable operation in harsh environments such as marine, sub-zero, and desert conditions. It is one of 17 products within the four series of top drive motors.

Operational Scenario: Specifically utilised in top drive equipment, providing power output for drill string rotation and drilling operations. It serves as the core power unit for oilfield drilling, particularly in complex environmental drilling scenarios.

Environmental Adaptability: Possesses characteristics for withstanding harsh environments, capable of operating under extreme conditions including marine high humidity and salt spray, sub-zero temperatures, and desert dust storms.

Performance Advantages: Tailored to top drive operational requirements, it balances power, torque, and speed adaptability. Variable frequency control enables flexible adjustment to match operational parameters for different geological formations and drilling depths.

Product Technical Standards and Specifications

Rated power: 350 kW

Rated voltage: 600 V

Rated speed: 1200 r/min

Rated frequency: 60.6 Hz

Rated torque: 2785 N·m

Maximum speed: 2800 r/min

