04-01 · DRILLING MOTORS

DC Motor for Drilling Rig

High-power, high-torque drive motors for DC electric drilling rigs, series or separately excited.

800–1200 kW	750 V	750–1000 rpm	4
RATED POWER	RATED VOLTAGE	RATED SPEED	MODELS

APPLICATION

DC motors are high-power, high-torque drive motors specifically designed for DC electric drilling rigs, used for drawworks, mud pumps and rotary tables. Two types are available: series excited and separately excited.

PERFORMANCE FEATURES

- Compact size
- High speed
- High starting torque
- Direct voltage regulation and speed control
- Good braking feedback
- Wide applicable voltage range

RELATED FLYERS

HD-PRD-FLY-01-01
DC Control System

HD-PRD-FLY-01-02
ROSSHILL 1400 Control System

HD-PRD-FLY-04-02
AC Motor for Drilling Rig

TECHNICAL PARAMETERS

Model	Power (kW)	Voltage (V)	Speed (rpm)	Supporting equipment
YZ-800	800	750	1000	Rotary table, drawworks and mud pump
YZ-1000A	1000	750	750	Drawworks and mud pump
YZ-1000B	1000	750	1000	Drawworks and mud pump
YZ-1200	1200	750	750	Drawworks and mud pump

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