

04-03 · DRILLING MOTORS

Direct Drive & Permanent Magnet Motors

Low-speed motors that drive mud pumps and drawworks directly.



116–700 rpm

DIRECT-DRIVE SPEED

400–1200 kW

RATED POWER

17

MODELS

600 V

TYPICAL RATED VOLTAGE

AC direct drive motors for mud pumps and drawworks. Permanent magnet motors use the permanent magnet as the excitation source, giving a simple structure, high power density and high efficiency.

AC DIRECT DRIVE MOTOR

Model	kW	V	rpm	Drive for
YJZ-600	600	600	500	Mud pump
YJZ-900	900	600	500	Mud pump
YJZ-1000	1000	600	500	Mud pump
YJZ-1150	1150	600	500	Mud pump
YJZ-1200	1200	600	500	Mud pump
YJZ-D-500	500	520	116	Drawworks
YJZ-D-600	600	520	116	Drawworks
YJZ-D-800	800	600	116	Drawworks

PERMANENT MAGNET MOTOR · 600 V

Model	kW	rpm	Drive for
YYC-JC-400	400	165	Drawworks
YYC-JC-750	750	150	Drawworks
YYC-JC-865	865	120	Drawworks
YYC-400	400	700	Mud pump
YYC-500	500	405	Mud pump
YYC-500	500	504	Mud pump
YYC-600	600	504	Mud pump
YYC-1000	1000	504	Mud pump
YYC-1200	1200	504	Mud pump

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