

Canrig Model 1275AC-681 Top Drive

Specifications

Top Drive Model 1275AC-681

Static Hoist Rating Elevator Load Path Quill Load Path	750 Tons 600 Tons	680 Tonnes 544 Tonnes
Pull Down Capacity	25 Tons	22.6 Tonnes
API Bearing Rating	472 Tons	428 Tonnes
Electric Motor	GE B20 AC	
Output Power Continuous	1 150 HP	860 KW
Gear Ratio	6.808:1	
Torque Curve Chart		
Continuous Torque Rating	51 400 ft-lb (69 700 Nm) @ 120 RPM	
Maximum Speed Rating	23 500 ft-lb (24 900 Nm) @ 265 RPM	
Brake Capacity	50 000 ft-lb	67 800 Nm
Maximum Electric Motor Torque (Make-Up Limit is operator adjustable.)	71 000 ft-lb	96 300 Nm
Torque Boost Torque Make-Up Break Out	24 000 ft-lb 37 500 ft-lb	32 500 Nm 50 800 Nm
Maximum Connection B/O Torque (Make-Up Limit is operator adjustable.)	95 000 ft-lb	128 800 Nm
Pipe Handler Orientation	Unlimited, remote controlled	
Pipe Handler Lock	418 positions, remote controlled	
Back-up Wrench Gripper Diameter Range	5.75 to 9.0 inches. 3.75 to 7.0 inches with alternate die blocks	
Back-Up Wrench Maximum Travel	43.25 inches	110 cm
Quill Connection	7-5/8 Reg.	
Water Course Diameter	3.8 inches	9.7 cm
Circulating Pressure Rating - Standard	7 500 PSI	51 700 KPa
Circulating Pressure Rating - Optional	11 200 PSI	77 600 KPa
Floating Quill Travel	8.0 inches	20 cm
Link Counterbalance Travel	8.0 inches	20 cm

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Cooling System	<u>STANDARD:</u> Local Blower 15 HP, 2 800 scfm flow (11 KW, 80 m ³ /min) flow	
Lubrication System	2 HP, 4 GPM flow	1.5 KW, 15 l/min flow
Hydraulic Requirement	12 GPM flow 2 350 PSI Pressure compensated control (see HPU Specifications)	45 l/min flow 16 200 KPa
Electrical Power	GE B20 AC Motor	
Max. continuous current	1 060 Amps	
Max. intermittent current	1 470 Amps	
Max. voltage	575 VAC	
Frequency	0 - 140 Hz	
Weight (without blocks)	30 000 lb	13 600 Kg