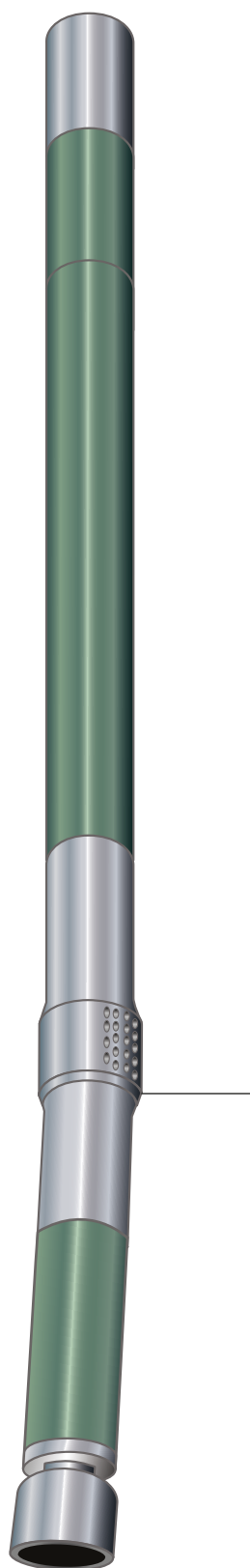




# Mud Motors – 6 3/4" - 4/5 lobe 4.8 stage

## Drilling motors – Technical data



Motor specifications (PH-675-450-48)		
	Imperial	Metric
Tool OD	6 3/4"	172 mm
Recommended bit size	7 7/8" - 9 7/8"	200 - 251 mm
Weight	1,940 lbs	880 kg
Length	22.7 ft	692 cm
Lobe configuration	4/5 lobe	
Number of stages	4.8 stage	
Bit speed	150 - 300 rpm	
Flow rate	303 - 600 gpm	1,150 - 2,270 l/min
Maximum torque	3,355 ft-lbs	4,550 Nm
Maximum power	162 hp	121 kW
Bit to bend	77.5"	1,969 mm
Maximum rec. diff. pressure	580 psi	40 bar
Maximum WOB	66,000 lbs	30,000 kg
Maximum pull to re-run motor	198,000 lbs	90,000 kg
Top connection (Box)	4 1/2" IF	
Bit connection (Box)	4 1/2" reg.	

## Predicted build radius (m)

Bend angle	Slick bearing housing			
	Hole size			
	7 7/8"	8 1/2"	8 3/4"	9 7/8"
0.31				
0.62	1010			
0.93	340	750	1400	
1.22	210	320	400	
1.50	150	200	230	670
1.76	120	150	170	320
2.00	100	120	140	220
2.23	90	110	110	170
2.42	80	90	100	140
2.60	80	90	90	120
2.74	70	80	80	110
2.85	70	80	80	100
2.93	70	70	80	100
2.98	70	70	80	90
3.00	60	70	70	90

Prime Horizontal offices

[www.primehorizontal.com](http://www.primehorizontal.com)

### United States, Canada, Mexico, Brazil

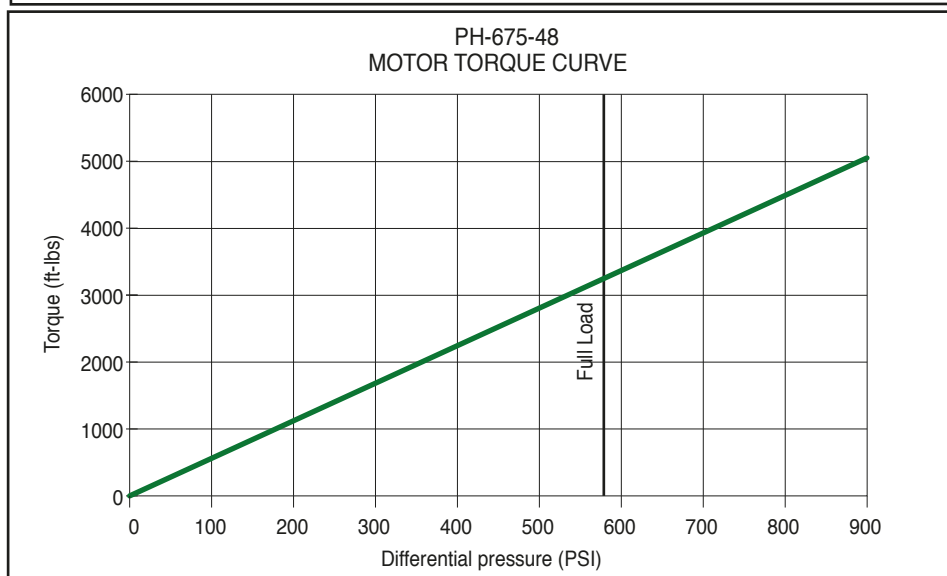
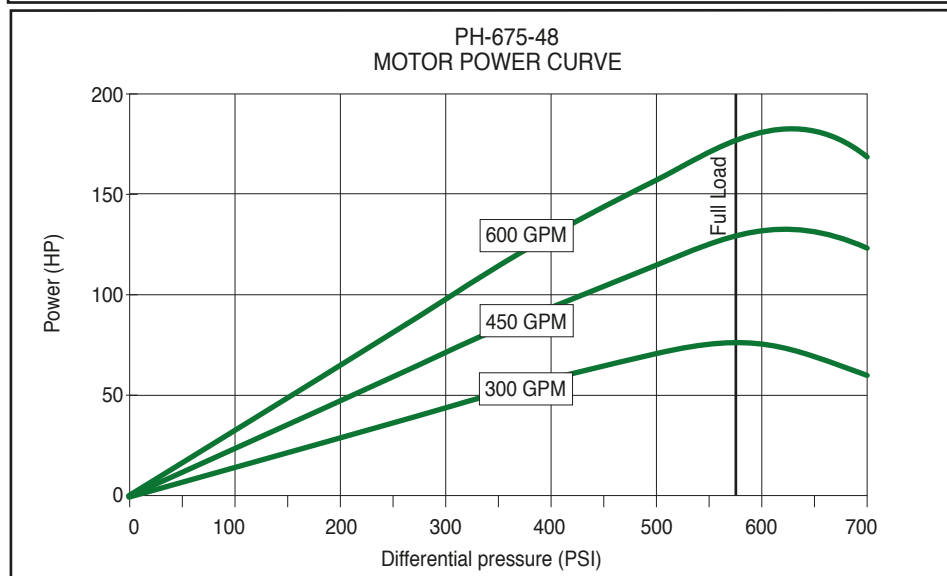
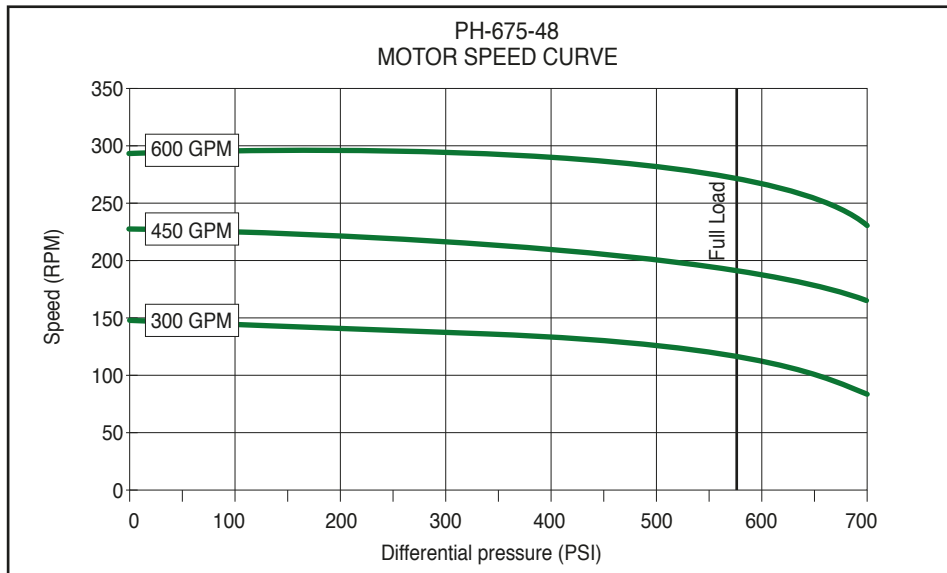
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