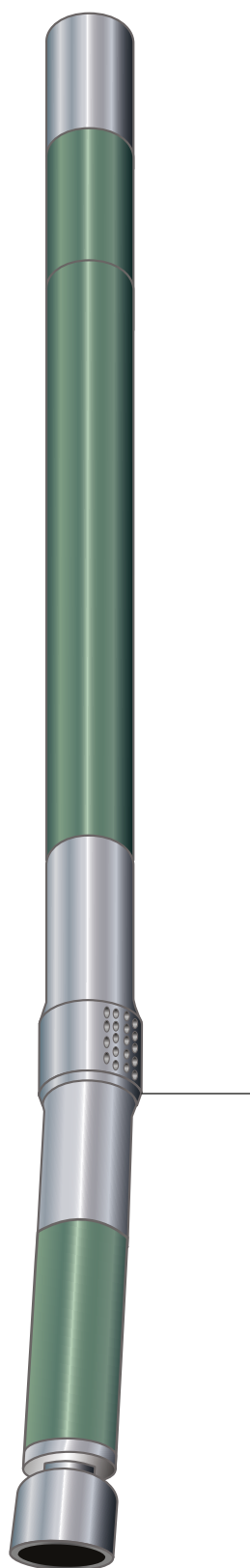




Mud Motors – 8" - 6/7 lobe 4.0 stage

Drilling motors – Technical data



Motor specifications (PH-800-670-40)		
	Imperial	Metric
Tool OD	8"	203 mm
Recommended bit size	9 7/8"- 12 1/4"	251 - 311 mm
Weight	3,196 lbs	1,450 kg
Length	23.3 ft	710 cm
Lobe configuration	6/7 lobe	
Number of stages	4.0 stage	
Bit speed at full load	80 - 240 rpm	
Flow rate	290 - 900 gpm	1,100 - 3,400 l/min
Maximum torque	4,905 ft-lbs	6,650 Nm
Maximum power	208 hp	153 kW
Bit to bend	90"	2,305 mm
Diff. pressure at full load	478 psi	33 bar
Maximum WOB	80,000 lbs	36,287 kg
Maximum pull to re-run motor	275,000 lbs	124,737 kg
Top connection (Box)	6 5/8" reg.	
Bit connection (Box)	6 5/8" reg.	

Predicted build radius (m)

Bend angle	Slick bearing housing		
	Hole size		
	9 7/8"	10 5/8"	12 1/4"
0.31			
0.62			
0.93	1400		
1.22	500	1200	
1.50	310	490	
1.76	230	310	1300
2.00	180	230	550
2.23	150	190	350
2.42	140	160	270
2.60	120	150	220
2.74	120	130	200
2.85	110	130	180
2.93	110	120	170
2.98	100	120	160
3.00	100	120	160

Prime Horizontal offices

www.primehorizontal.com

United States, Canada, Mexico, Brazil

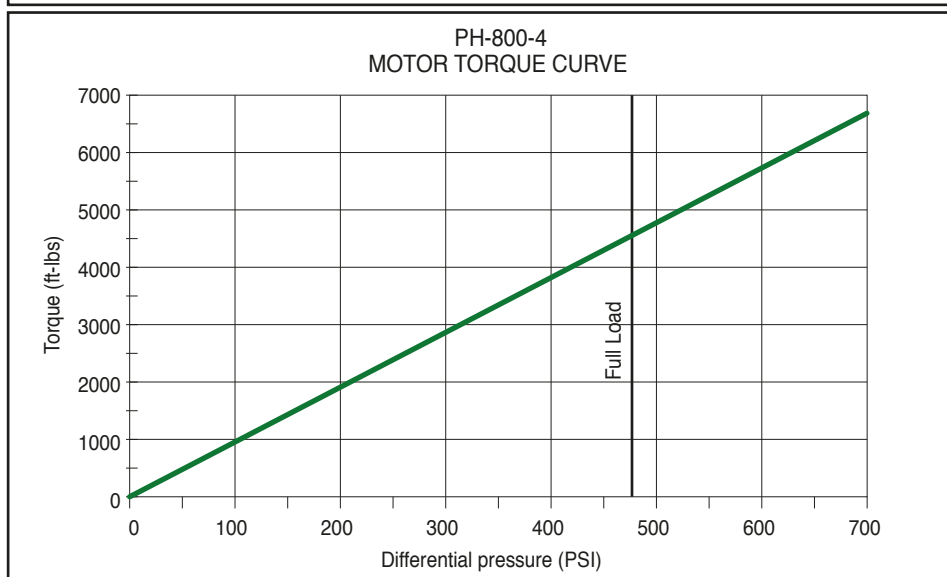
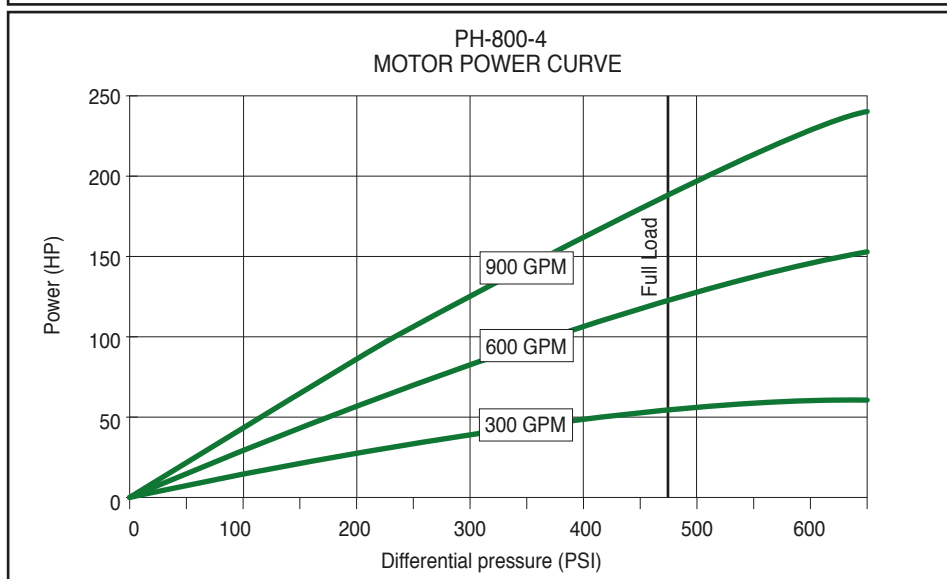
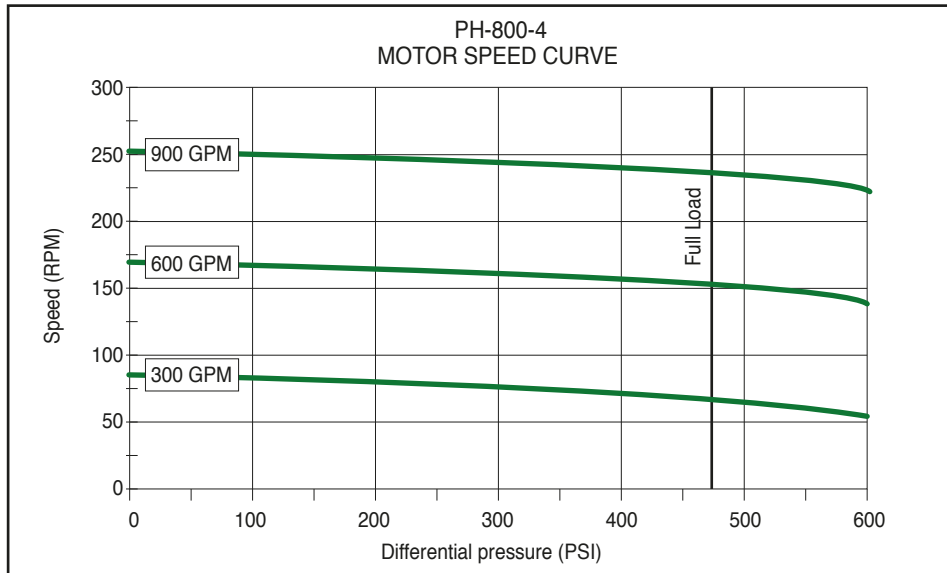
Prime Horizontal Inc
7710 Harms Road, Houston, TX 77041 US
Ph (US): +1 346 998 1180
Ph (CA): +1 780 800 6614
Ph (BRZ): +55 71 3023 0934

Europe, China, Middle East

Prime Horizontal Ltd
Salland 3
1948 RE Beverwijk
The Netherlands
Phone: +31 251 271 790

Australia, Southeast Asia, India

Prime Horizontal Australia Pty Ltd
10 Enterprise Street, Cleveland,
QLD 4163, Australia
Ph (AUS): +61 73 821 3684
Ph (IND): Phone: +91 997 172 9753



United States, Canada, Mexico, Brazil

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7710 Harms Road, Houston, TX 77041 US
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