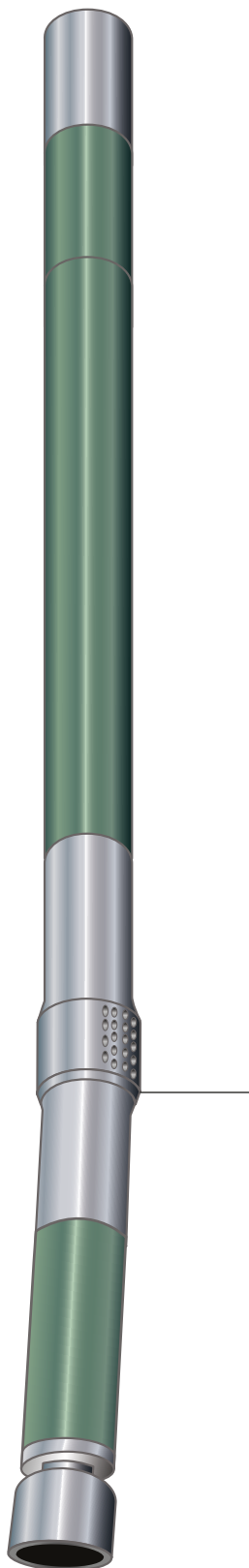




# Mud Motors – 3 3/4" - 5/6 lobe 3.8 stage

## Drilling motors – Technical data



Motor specifications (PH-375-560-38)		
	Imperial	Metric
Tool OD	3 3/4"	95 mm
Recommended bit size	4 3/4" - 5 7/8"	121 - 149 mm
Weight	276 lbs	125 kg
Length	12.5 ft	380 cm
Lobe configuration	5/6 lobe	
Number of stages	3.8 stage	
Bit speed	90 - 360 rpm	
Flow rate	40 - 160 gpm	150 - 600 l/min
Maximum torque	574 ft-lbs	780 Nm
Maximum power	37 hp	28 kW
Bit to bend	45"	1,147 mm
Maximum rec. diff. pressure	460 psi	32 bar
Maximum WOB	11,000 lbs	5,000 kg
Maximum pull to re-run motor	55,000 lbs	25,000 kg
Top connection (Box)	2 7/8" reg.	
Bit connection (Box)	2 7/8" reg.	

## Predicted build radius (m)

Bend angle	Slick bearing housing			
	Hole size			
	4 3/4"	5"	5 1/2"	5 7/8"
0.35				
0.69	1140			
1.04	250	370	5930	
1.37	140	180	320	800
1.69	100	120	170	240
2.00	80	90	110	150
2.29	70	70	90	100
2.57	60	60	70	80
2.83	50	60	60	70
3.06	50	50	60	60
3.28	40	50	50	60
3.46	40	40	50	50
3.63	40	40	50	50
3.76	40	40	40	50
3.86	40	40	40	50
3.94	40	40	40	40
3.98	40	40	40	40
4.00	40	40	40	40

Prime Horizontal offices

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

### United States, Canada, Mexico, Brazil

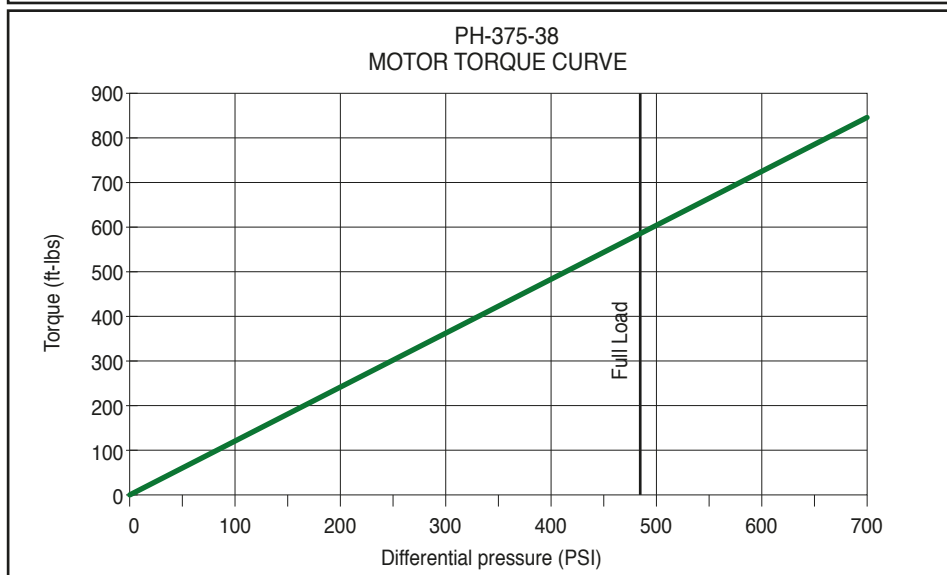
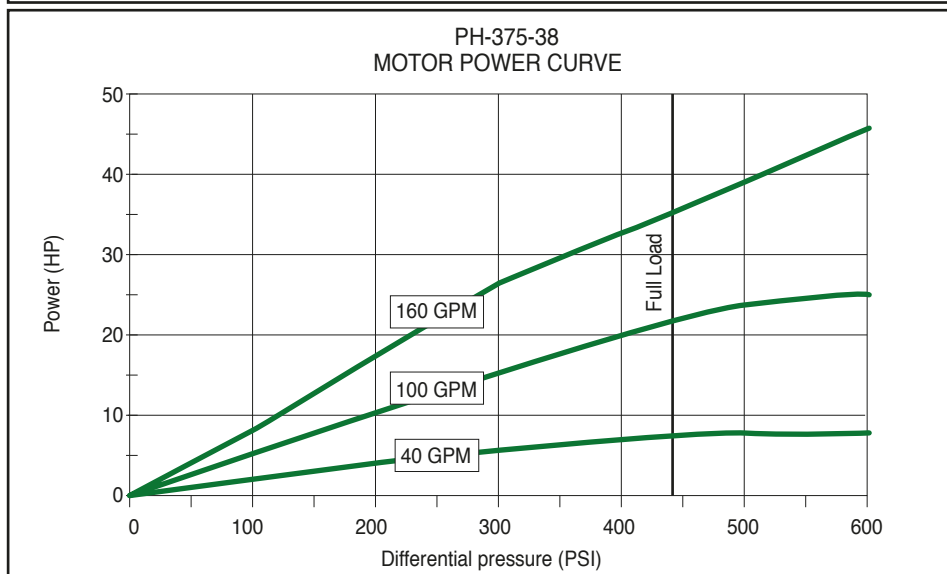
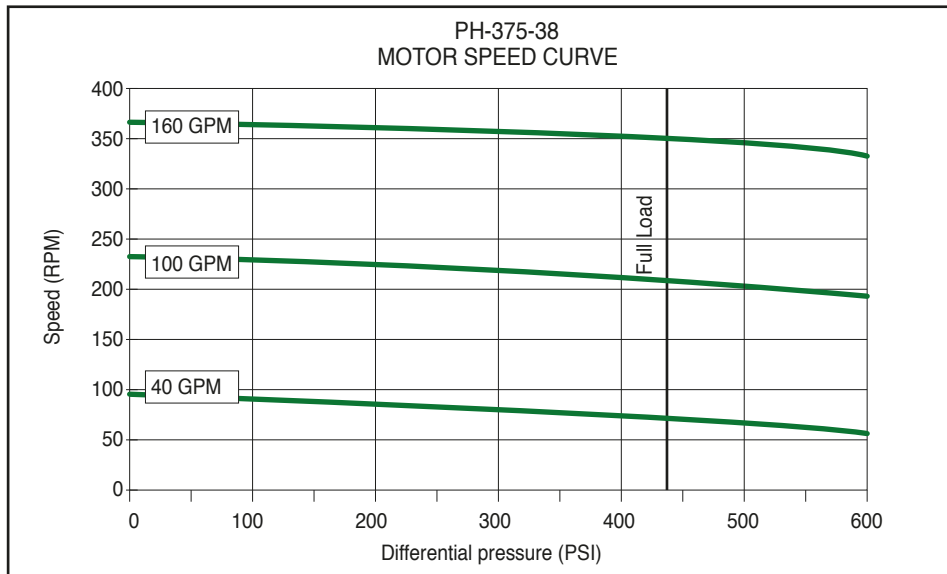
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