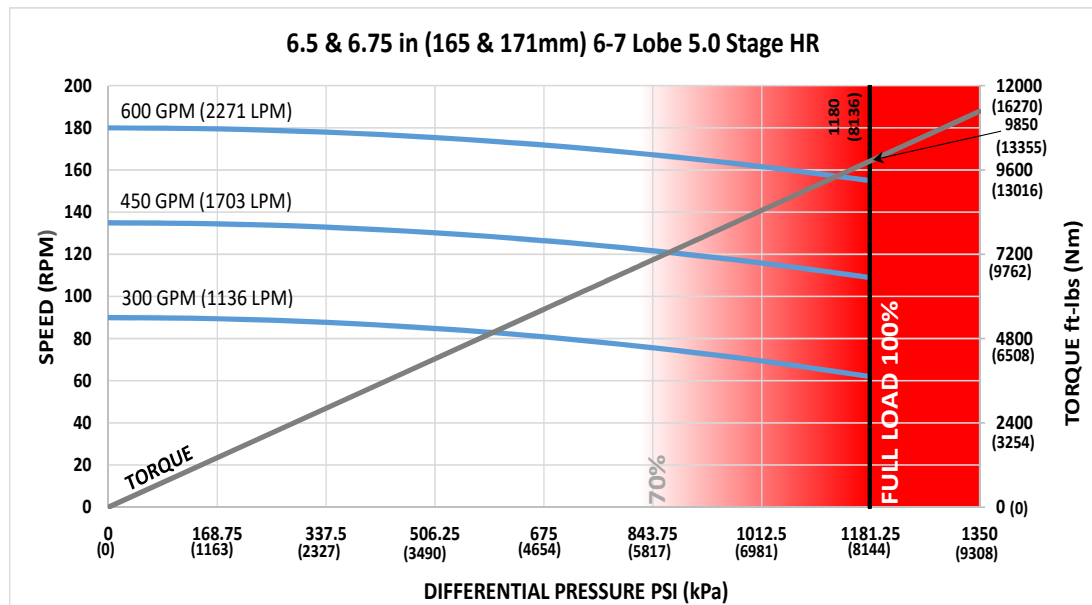




Bit Size Range	8-1/2 - 9-7/8 in	216 - 251 mm
Bit Box Connection	4-1/2 REGULAR	
Dynamic Bearing Load On/Off Bottom	162100 lbf	72100 daN
Static Bearing Load On/Off Bottom	510500 lbf	227100 daN
Max. Overpull (For Re-run)	602600 lbf	268000 daN
Absolute Overpull	1004400 lbf	446800 daN
Adjustable Makeup Torque	25000 ft-lbs	33900 Nm
Stab/Thread Protector Makeup Torque	15000 ft-lbs	20300 Nm
A = Bit to Stabilizer (Centre)	17.2 in	437 mm
B = Bit to Bend	Adjustable 66 in	1676 mm
	Fixed 54 in	1372 mm
C = Overall (With Dump Sub)	321.1 in	8156 mm
Weight	2497 lbs	1133 kg

Lobe Configuration	6-7 Lobe 5 Stage HR	
Displacement (No Load)	0.3 rev/gal	0.08 rev/l
Max. Differential (Full Load)	1180 psi	8136 kPa
Max. Torque	9850 ft-lbs	13355 Nm
Max. Power	291 HP	217 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	62 - 90
450	1703	109 - 135
600	2271	155 - 180



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	0.2	-	-	-	2.6	2.8	-	-
0.78	3.2	2.5	-	-	5.2	5.4	6.3	-
1.15	6.1	5.4	2.1	-	7.6	7.8	8.7	-
1.50	8.9	8.1	4.9	-	9.8	10.0	10.9	-
1.83	11.5	10.7	7.5	-	11.9	12.2	13.1	-
2.12	13.7	13.0	9.7	-	13.8	14.0	14.9	-
2.38	15.8	15.0	11.8	-	15.8	15.7	16.6	-
2.60	17.5	16.8	13.5	-	17.5	17.1	18.0	-
2.77	18.8	18.1	14.8	-	18.8	18.2	19.1	-
2.90	19.8	19.1	15.8	-	19.8	19.1	20.0	-
2.97	20.4	19.7	16.4	-	20.4	19.7	20.4	-
3.00	20.6	19.9	16.6	-	20.6	19.9	20.6	-

Note: Stabilizers are 1/8" undergauge

FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	6.3	5.4	1.5	-	8.6	8.8	9.7	-
1.50	8.3	7.4	3.5	-	10.3	10.5	11.4	-
1.75	10.2	9.3	5.5	-	12.0	12.2	13.1	-
2.00	12.2	11.3	7.4	-	13.7	13.9	14.8	-
2.25	14.1	13.3	9.4	-	15.4	15.6	16.5	-
2.50	16.1	15.2	11.3	-	17.1	17.3	18.2	-

This information is for reference only. Build rates are theoretical calculations using three-point geometry and new motor builds. Actual rate predictions will depend on formation characteristics, bit profiles, and WOB.

For custom motor configurations and build rates, please contact your DYNOMAX office.