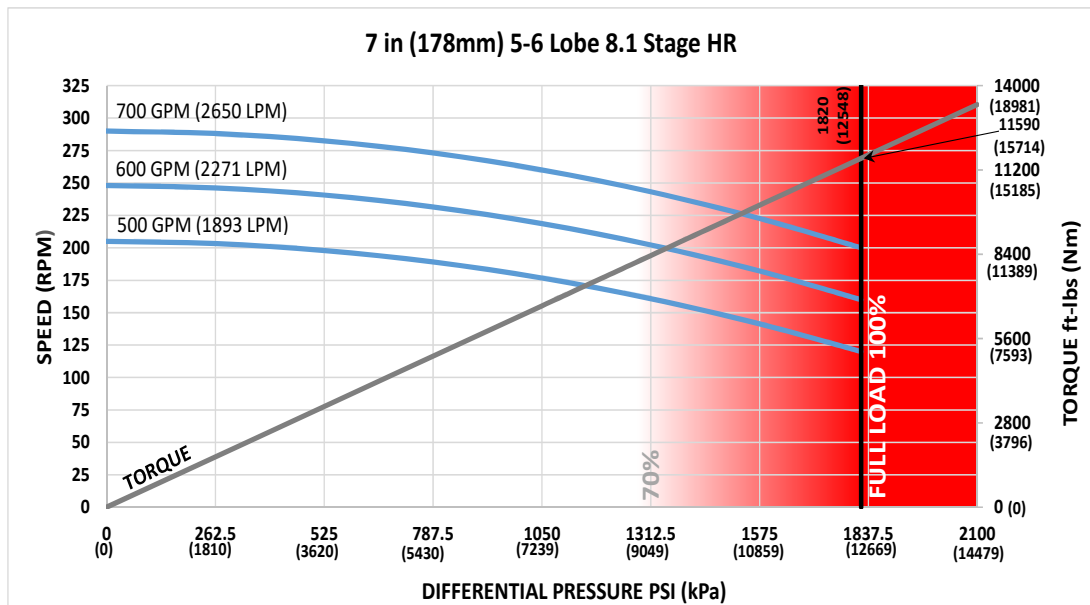




Bit Size Range	8-1/2 - 9-7/8 in	216 - 251 mm
Bit Box Connection	4-1/2 REGULAR	
Dynamic Bearing Load On/Off Bottom	151925 lbf	67600 daN
Static Bearing Load On/Off Bottom	509765 lbf	226800 daN
Max. Overpull (For Re-run)	509765 lbf	226800 daN
Absolute Overpull	742200 lbf	330100 daN
Adjustable Makeup Torque	32000 ft-lbs	43400 Nm
Stab/Thread Protector Makeup Torque	15000 ft-lbs	20300 Nm
A = Bit to Stablizer (Centre)	16 in	406 mm
B = Bit to Bend	Adjustable 68 in	1727 mm
	Fixed 56 in	1422 mm
C = Overall (With Dump Sub)	391 in	9931 mm
Weight	3212 lbs	1457 kg

Lobe Configuration	5-6 Lobe 8.1 Stage HR	
Displacement (No Load)	0.41 rev/gal	0.11 rev/l
Max. Differential (Full Load)	1820 psi	12548 kPa
Max. Torque	11590 ft-lbs	15714 Nm
Max. Power	441 HP	329 kW

Flow Rate		Speed
GPM	LPM	RPM
500	1893	120 - 205
600	2271	160 - 248
700	2650	200 - 290



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	3.1	2.5	-	-	3.1	2.5	2.7	-
0.78	5.6	5.0	2.4	-	5.6	5.0	4.9	-
1.15	8.0	7.4	4.8	-	8.0	7.4	6.9	-
1.50	10.2	9.7	7.0	-	10.2	9.7	8.8	-
1.83	12.4	11.8	9.2	-	12.4	11.8	10.6	-
2.12	14.2	13.6	11.0	-	14.2	13.6	12.2	-
2.38	15.9	15.3	12.7	-	15.9	15.3	13.6	-
2.60	17.3	16.7	14.1	-	17.3	16.7	14.8	-
2.77	18.4	17.8	15.2	-	18.4	17.8	15.8	-
2.90	19.2	18.7	16.0	-	19.2	18.7	16.5	-
2.97	19.7	19.1	16.5	-	19.7	19.1	16.9	-
3.00	19.9	19.3	16.7	-	19.9	19.3	17.0	-

Note: Stablizers 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	6.0	5.3	2.2	-	7.0	7.1	7.7	-
1.50	7.6	6.9	3.8	-	8.4	8.6	9.2	-
1.75	9.2	8.5	5.5	-	9.8	10.0	10.6	-
2.00	10.8	10.2	7.1	-	11.3	11.4	12.0	-
2.25	12.5	11.8	8.7	-	12.7	12.8	13.4	-
2.50	14.1	13.4	10.3	-	14.1	14.2	14.8	-

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.