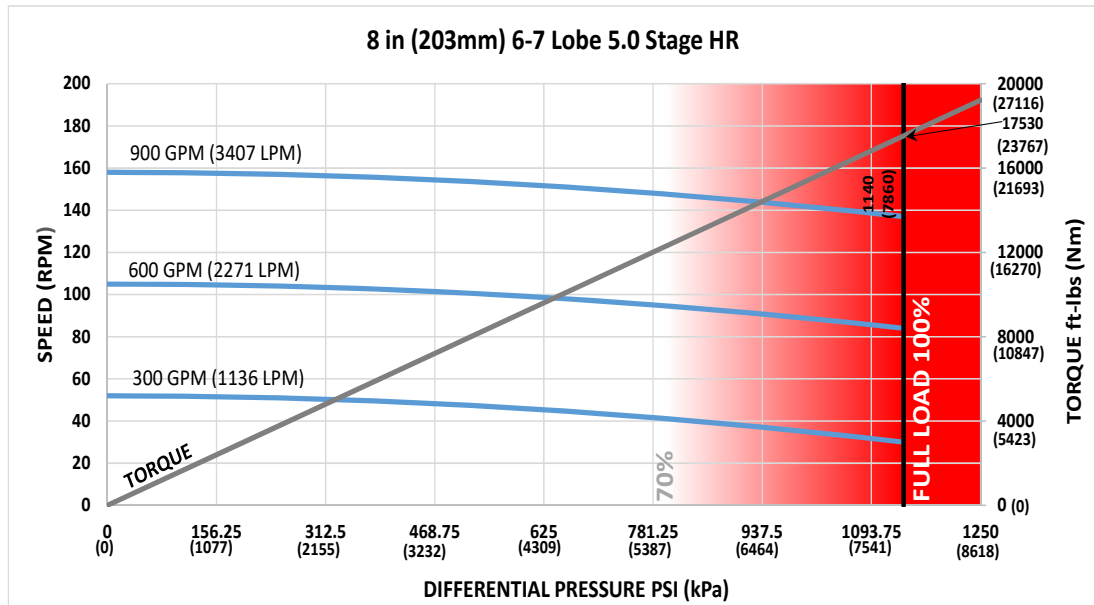




Bit Size Range	9-7/8 - 12-1/4 in	251 - 311 mm
Bit Box Connection	6-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	162510 lbf	72300 daN
Static Bearing Load On/Off Bottom	573485 lbf	255100 daN
Max. Overpull (For Re-run)	554100 lbf	246500 daN
Absolute Overpull	923500 lbf	410800 daN
Adjustable Makeup Torque	40000 ft-lbs	54200 Nm
Stab/Thread Protector Makeup Torque	30000 ft-lbs	40700 Nm
A = Bit to Stablizer (Centre)	16.87 in	428 mm
B = Bit to Bend	Adjustable	74.7 in / 1897 mm
	Fixed	60.1 in / 1527 mm
C = Overall (With Dump Sub)	390.4 in	9916 mm
Weight	4442 lbs	2015 kg

Lobe Configuration	6-7 Lobe 5 Stage HR	
Displacement (No Load)	0.18 rev/gal	0.05 rev/l
Max. Differential (Full Load)	1140 psi	7860 kPa
Max. Torque	17530 ft-lbs	23767 Nm
Max. Power	457 HP	341 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	30 - 52
600	2271	84 - 105
900	3407	137 - 158



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

ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	2.1	2.5	-	-
0.78	2.0	0.3	-	-	4.2	4.6	5.1	5.5
1.15	4.4	2.7	0.9	-	6.2	6.6	7.1	7.5
1.50	6.6	5.0	3.1	1.5	8.1	8.5	9.0	9.4
1.83	8.8	7.2	5.3	3.7	9.9	10.3	10.8	11.2
2.12	10.7	9.1	7.2	5.6	11.5	11.9	12.4	12.8
2.38	12.4	10.8	8.9	7.3	12.9	13.3	13.8	14.2
2.60	13.8	12.2	10.3	8.7	14.1	14.5	14.9	15.4
2.77	14.9	13.3	11.4	9.8	15.0	15.4	15.9	16.3
2.90	15.7	14.1	12.3	10.6	15.7	16.1	16.6	17.0
2.97	16.2	14.6	12.7	11.1	16.2	16.5	16.9	17.4
3.00	16.4	14.8	12.9	11.3	16.4	16.6	17.1	17.5

Note: Stabilizers are 1/8" undergauge

FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	4.4	2.4	0.2	-	7.1	7.5	8.0	8.4
1.50	6.0	4.0	1.8	-	8.5	8.9	9.4	9.8
1.75	7.6	5.7	3.4	1.5	10.0	10.4	10.8	11.3
2.00	9.2	7.3	5.0	3.1	11.4	11.8	12.3	12.7
2.25	10.9	8.9	6.7	4.7	12.8	13.2	13.7	14.1
2.50	12.5	10.6	8.3	6.4	14.2	14.6	15.1	15.5

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.