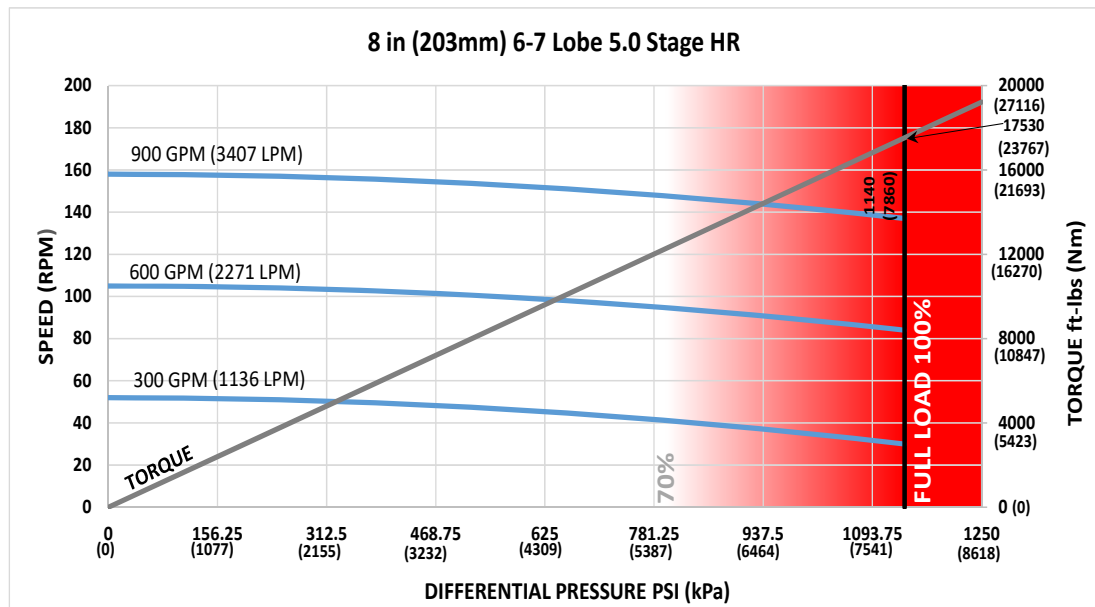




Bit Size Range	9-7/8 - 12-1/4 in	251 - 311 mm
Bit Box Connection	6-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	162510 lbf	72300 daN
Static Bearing Load On/Off Bottom	573485 lbf	255100 daN
Max. Overpull (For Re-run)	554100 lbf	246500 daN
Absolute Overpull	923500 lbf	410800 daN
Adjustable Makeup Torque	40000 ft-lbs	54200 Nm
Stab/Thread Protector Makeup Torque	30000 ft-lbs	40700 Nm
A = Bit to Stabilizer (Centre)	19.26 in	489 mm
B = Bit to Bend	Adjustable	87 in / 2210 mm
	Fixed	72.3 in / 1836 mm
C = Overall (With Dump Sub)	402.7 in	10229 mm
Weight	4622 lbs	2097 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	-	-	-	-	2.0	2.4	-	-
0.78	2.3	0.9	-	-	4.0	4.4	4.9	5.2
1.15	4.6	3.2	1.6	0.3	5.9	6.3	6.7	7.1
1.50	6.8	5.4	3.8	2.5	7.7	8.1	8.5	8.9
1.83	8.9	7.5	5.9	4.6	9.3	9.7	10.2	10.6
2.12	10.7	9.3	7.8	6.4	10.8	11.2	11.7	12.0
2.38	12.3	11.0	9.4	8.0	12.3	12.5	13.0	13.4
2.60	13.7	12.4	10.8	9.4	13.7	13.6	14.1	14.5
2.77	14.8	13.4	11.8	10.5	14.8	14.5	15.0	15.3
2.90	15.6	14.3	12.7	11.3	15.6	15.2	15.6	16.0
2.97	16.1	14.7	13.1	11.7	16.1	15.5	16.0	16.4
3.00	16.3	14.9	13.3	11.9	16.3	15.7	16.1	16.5

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	4.8	3.2	1.3	-	6.7	7.1	7.6	8.0
1.50	6.3	4.7	2.9	1.3	8.1	8.5	8.9	9.3
1.75	7.9	6.3	4.4	2.8	9.4	9.8	10.2	10.6
2.00	9.5	7.9	6.0	4.4	10.7	11.1	11.6	12.0
2.25	11.1	9.4	7.6	6.0	12.1	12.5	12.9	13.3
2.50	12.6	11.0	9.2	7.5	13.4	13.8	14.2	14.6

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.