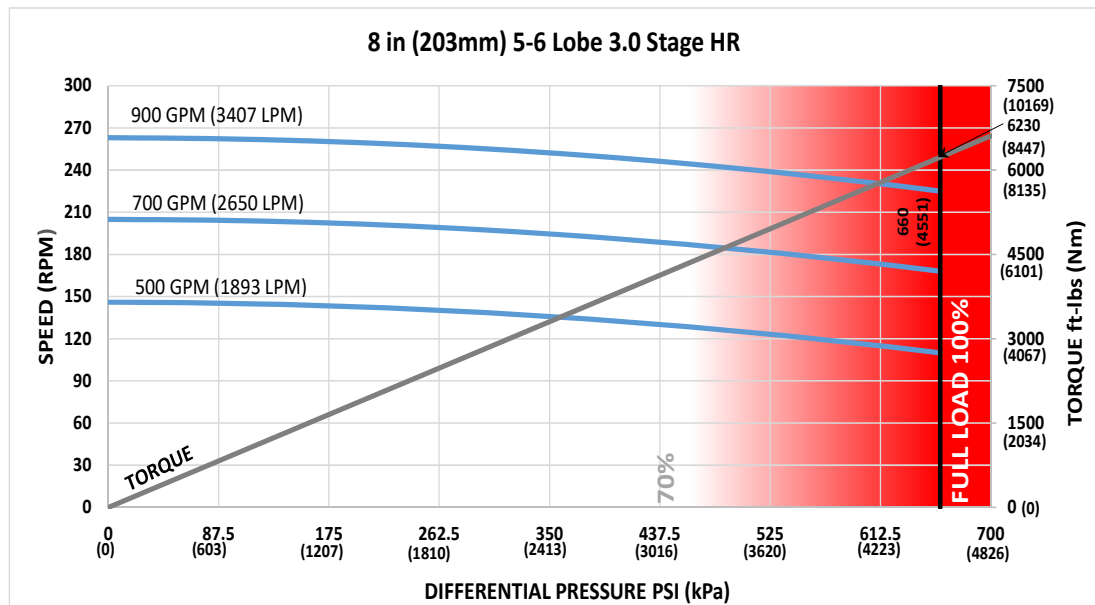




Bit Size Range	9-7/8 - 12-1/4 in	251 - 311 mm
Bit Box Connection	6-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	162510 lbf	72300 daN
Static Bearing Load On/Off Bottom	573485 lbf	255100 daN
Max. Overpull (For Re-run)	554100 lbf	246500 daN
Absolute Overpull	923500 lbf	410800 daN
Adjustable Makeup Torque	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)	252.03 in	6402 mm
Weight	3022 lbs	1371 kg

Lobe Configuration	5-6 Lobe 3 Stage HR	
Displacement (No Load)	0.29 rev/gal	0.08 rev/l
Max. Differential (Full Load)	660 psi	4551 kPa
Max. Torque	6230 ft-lbs	8447 Nm
Max. Power	267 HP	199 kW

GPM	Flow Rate		RPM
	LPM	Speed	
500	1893	110 - 146	
700	2650	168 - 205	
900	3407	225 - 263	



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	-	-	-	-	3.8	4.9	-	-
0.78	3.3	0.7	-	-	6.7	7.8	9.1	10.2
1.15	7.1	4.5	1.5	-	9.5	10.6	11.9	13.0
1.50	10.7	8.2	5.2	2.6	12.1	13.2	14.5	15.6
1.83	14.2	11.6	8.6	6.0	14.5	15.6	16.9	18.0
2.12	17.2	14.6	11.6	9.0	17.2	17.8	19.1	20.2
2.38	19.9	17.3	14.3	11.8	19.9	19.7	21.0	22.1
2.60	22.2	19.6	16.6	14.0	22.2	21.4	22.6	23.8
2.77	24.0	21.4	18.4	15.8	24.0	22.6	23.9	25.0
2.90	25.3	22.8	19.7	17.2	25.3	23.6	24.9	26.0
2.97	26.1	23.5	20.5	17.9	26.1	24.1	25.4	26.5
3.00	26.4	23.8	20.8	18.2	26.4	24.3	25.6	26.7

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	7.1	4.0	0.4	-	11.2	12.3	13.6	14.7
1.50	9.7	6.6	3.0	-	13.2	14.3	15.6	16.7
1.75	12.3	9.2	5.6	2.5	15.2	16.4	17.6	18.8
2.00	14.9	11.8	8.2	5.1	17.3	18.4	19.7	20.8
2.25	17.5	14.4	10.8	7.7	19.3	20.4	21.7	22.8
2.50	20.1	17.0	13.4	10.3	21.4	22.5	23.8	24.9

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.