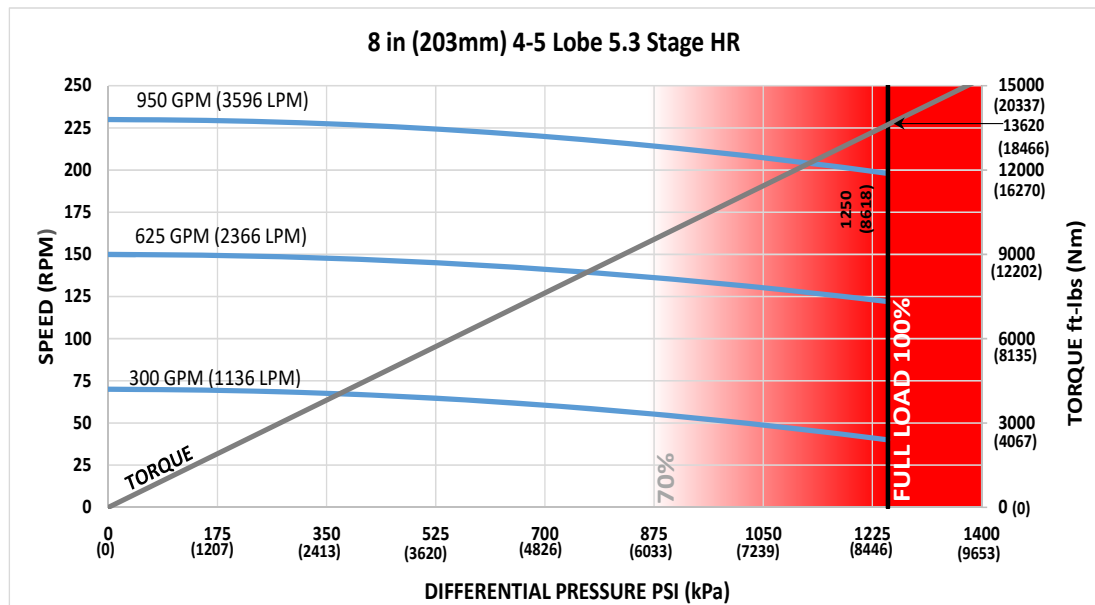




Bit Size Range	9-7/8 - 12-1/4 in	251 - 311 mm
Bit Box Connection	6-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	162510 lbf	72300 daN
Static Bearing Load On/Off Bottom	573485 lbf	255100 daN
Max. Overpull (For Re-run)	554100 lbf	246500 daN
Absolute Overpull	923500 lbf	410800 daN
Adjustable Makeup Torque	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
	Fixed	72.3 in
C = Overall (With Dump Sub)	380.7 in	9670 mm
Weight	4378 lbs	1986 kg

Lobe Configuration	4-5 Lobe 5.3 Stage HR	
Displacement (No Load)	0.24 rev/gal	0.06 rev/l
Max. Differential (Full Load)	1250 psi	8618 kPa
Max. Torque	13620 ft-lbs	18466 Nm
Max. Power	513 HP	383 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	40 - 70
625	2366	122 - 150
950	3596	198 - 230



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	-	-	-	-	2.2	2.6	-	-
0.78	2.4	1.0	-	-	4.3	4.7	5.2	5.6
1.15	4.9	3.4	1.8	0.3	6.2	6.6	7.2	7.6
1.50	7.2	5.8	4.1	2.6	8.1	8.5	9.0	9.5
1.83	9.4	8.0	6.3	4.8	9.8	10.3	10.8	11.2
2.12	11.4	9.9	8.2	6.8	11.4	11.8	12.3	12.7
2.38	13.1	11.7	10.0	8.5	13.1	13.2	13.7	14.1
2.60	14.6	13.1	11.4	10.0	14.6	14.3	14.8	15.3
2.77	15.7	14.3	12.6	11.1	15.7	15.2	15.7	16.2
2.90	16.6	15.1	13.4	12.0	16.6	15.9	16.4	16.9
2.97	17.1	15.6	13.9	12.5	17.1	16.3	16.8	17.2
3.00	17.3	15.8	14.1	12.7	17.3	16.5	17.0	17.4

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	5.1	3.4	1.4	-	7.1	7.6	8.1	8.5
1.50	6.7	5.0	3.0	1.3	8.5	9.0	9.5	9.9
1.75	8.4	6.7	4.7	3.0	9.9	10.4	10.9	11.3
2.00	10.1	8.4	6.4	4.7	11.3	11.8	12.3	12.7
2.25	11.7	10.0	8.0	6.3	12.7	13.2	13.7	14.1
2.50	13.4	11.7	9.7	8.0	14.1	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.