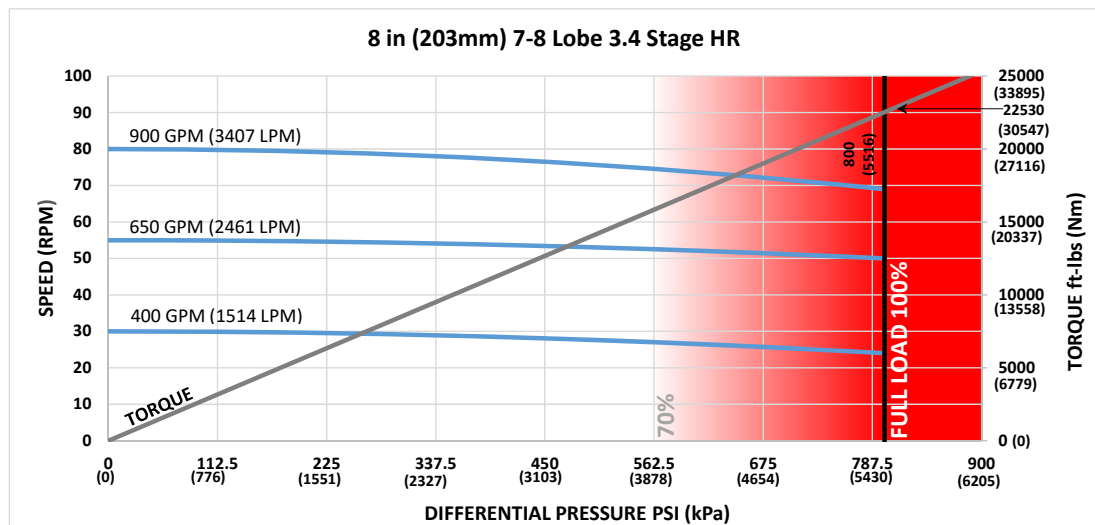




Bit Size Range	12-1/4 - 17-1/2 in	311 - 445 mm
Bit Box Connection	6-5/8 or 7-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	188513 lbf	83900 daN
Static Bearing Load On/Off Bottom	1092750 lbf	486100 daN
Max. Overpull (For Re-run)	721400 lbf	320900 daN
Absolute Overpull	1202300 lbf	534800 daN
Adjustable Makeup Torque	60000 ft-lbs	81300 Nm
Stab/Thread Protector Makeup Torque	38000 ft-lbs	51500 Nm
A = Bit to Stabilizer (Centre)	22.5 in	572 mm
B = Bit to Bend	Adjustable	87.3 in / 2217 mm
	Fixed	72.7 in / 1847 mm
C = Overall (With Dump Sub)	459 in	11659 mm
Weight	5786 lbs	2624 kg

Lobe Configuration	7-8 Lobe 3.4 Stage HR	
Displacement (No Load)	0.09 rev/gal	0.02 rev/l
Max. Differential (Full Load)	800 psi	5516 kPa
Max. Torque	22530 ft-lbs	30547 Nm
Max. Power	296 HP	221 kW

Flow Rate		Speed
GPM	LPM	RPM
400	1514	24 - 30
650	2461	50 - 55
900	3407	69 - 80



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

ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	12-1/4 (311mm)	14 (356mm)	16 (406mm)	17-1/2 (445mm)	12-1/4 (311mm)	14 (356mm)	16 (406mm)	17-1/2 (445mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	2.8	3.5	-	-
0.78	1.9	-	-	-	4.6	5.3	6.0	6.6
1.15	3.9	1.2	-	-	6.3	6.9	7.7	8.3
1.50	5.8	3.2	0.1	-	7.9	8.6	9.3	9.9
1.83	7.6	5.0	1.9	-	9.4	10.1	10.8	11.4
2.12	9.2	6.5	3.5	1.2	10.7	11.4	12.2	12.8
2.38	10.6	8.0	4.9	2.6	11.9	12.6	13.4	14.0
2.60	11.8	9.2	6.1	3.8	12.9	13.6	14.4	15.0
2.77	12.8	10.1	7.0	4.8	13.7	14.4	15.2	15.7
2.90	13.5	10.8	7.8	5.5	14.3	15.0	15.8	16.3
2.97	13.9	11.2	8.1	5.8	14.6	15.3	16.1	16.7
3.00	14.0	11.4	8.3	6.0	14.7	15.4	16.2	16.8

FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	12-1/4 (311mm)	14 (356mm)	16 (406mm)	17-1/2 (445mm)	12-1/4 (311mm)	14 (356mm)	16 (406mm)	17-1/2 (445mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	4.3	1.2	-	-	7.0	7.7	8.4	9.0
1.50	5.7	2.5	-	-	8.2	8.9	9.6	10.2
1.75	7.0	3.9	0.3	-	9.4	10.0	10.8	11.4
2.00	8.4	5.3	1.7	-	10.6	11.2	12.0	12.6
2.25	9.8	6.6	3.1	0.4	11.8	12.4	13.2	13.8
2.50	11.1	8.0	4.4	1.8	13.0	13.6	14.4	15.0

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.

Note: Stabilizers are 1/8" undergauge