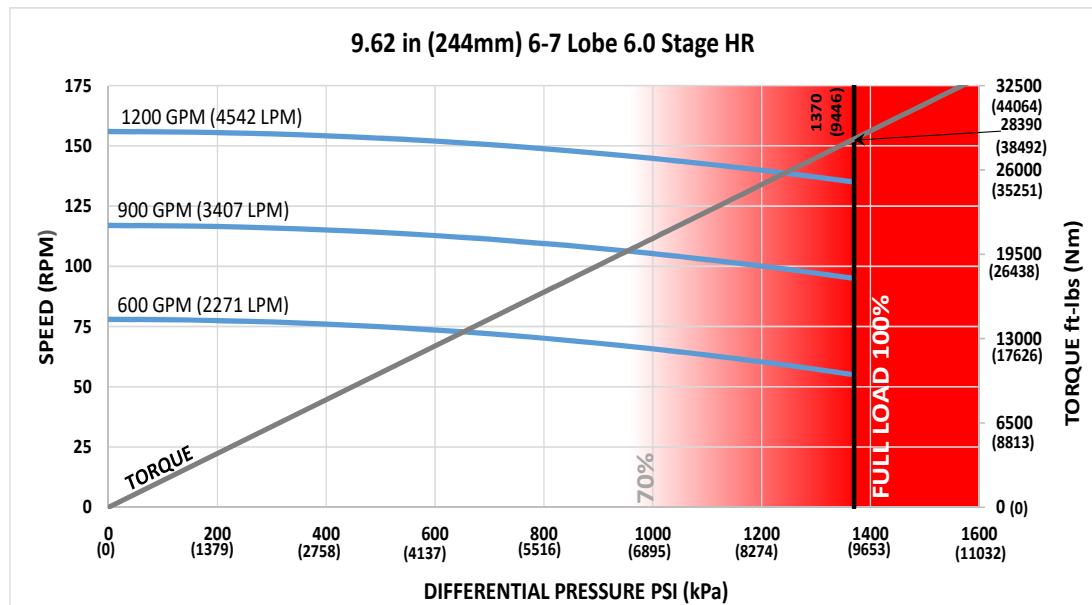




Bit Size Range	12-1/4 - 17-1/2 in	311 - 445 mm
Bit Box Connection	6-5/8 or 7-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	240975 lbf	107200 daN
Static Bearing Load On/Off Bottom	852600 lbf	379300 daN
Max. Overpull (For Re-run)	741100 lbf	329700 daN
Absolute Overpull	1235100 lbf	549400 daN
Adjustable Makeup Torque	60000 ft-lbs	81300 Nm
Stab/Thread Protector Makeup Torque	38000 ft-lbs	51500 Nm
A = Bit to Stablizer (Centre)	20.2 in	513 mm
B = Bit to Bend	Adjustable	87.3 in / 2217 mm
	Fixed	72.7 in / 1847 mm
C = Overall (With Dump Sub)	408.7 in	10381 mm
Weight	6259 lbs	2839 kg

Lobe Configuration	6-7 Lobe 6 Stage HR	
Displacement (No Load)	0.13 rev/gal	0.03 rev/l
Max. Differential (Full Load)	1370 psi	9446 kPa
Max. Torque	28390 ft-lbs	38492 Nm
Max. Power	730 HP	544 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	55 - 78
900	3407	95 - 117
1200	4542	135 - 156



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	-	-	-	-	2.5	-	-	-
0.78	1.3	-	-	-	4.4	5.3	6.3	-
1.15	3.6	0.6	-	-	6.3	7.1	8.1	8.9
1.50	5.8	2.7	-	-	8.0	8.9	9.9	10.6
1.83	7.8	4.8	1.3	-	9.7	10.5	11.5	12.3
2.12	9.6	6.6	3.1	0.5	11.1	12.0	13.0	13.7
2.38	11.2	8.2	4.7	2.1	12.4	13.3	14.3	15.0
2.60	12.6	9.5	6.1	3.5	13.5	14.4	15.4	16.1
2.77	13.6	10.6	7.1	4.5	14.4	15.2	16.2	17.0
2.90	14.4	11.4	7.9	5.3	15.0	15.9	16.9	17.6
2.97	14.8	11.8	8.4	5.8	15.4	16.2	17.2	18.0
3.00	15.0	12.0	8.5	6.0	15.5	16.4	17.4	18.1

Note: Stabilizers are 1/8" undergauge

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	4.1	0.5	-	-	7.1	8.0	9.0	9.7
1.50	5.6	2.1	-	-	8.4	9.3	10.3	11.0
1.75	7.2	3.6	-	-	9.7	10.6	11.6	12.3
2.00	8.7	5.2	1.1	-	11.0	11.9	12.9	13.6
2.25	10.2	6.7	2.7	-	12.3	13.2	14.2	15.0
2.50	11.8	8.3	4.2	1.2	13.6	14.5	15.5	16.3

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.