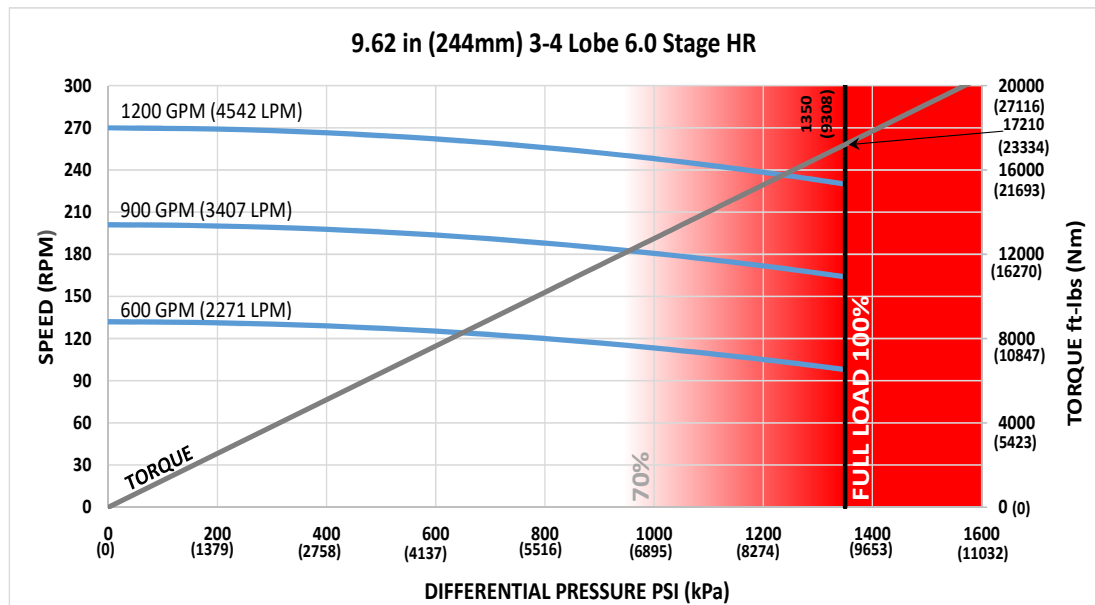




Bit Size Range	12-1/4 - 17-1/2 in	311 - 445 mm
Bit Box Connection	6-5/8 or 7-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	240975 lbf	107200 daN
Static Bearing Load On/Off Bottom	852600 lbf	379300 daN
Max. Overpull (For Re-run)	741100 lbf	329700 daN
Absolute Overpull	1235100 lbf	549400 daN
Adjustable Makeup Torque	60000 ft-lbs	81300 Nm
Stab/Thread Protector Makeup Torque	38000 ft-lbs	51500 Nm
A = Bit to Stabilizer (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)	386.7 in	9822 mm
Weight	5634 lbs	2556 kg

Lobe Configuration	3-4 Lobe 6 Stage HR	
Displacement (No Load)	0.221 rev/gal	0.06 rev/l
Max. Differential (Full Load)	1350 psi	9308 kPa
Max. Torque	17210 ft-lbs	23334 Nm
Max. Power	754 HP	562 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	98 - 132
900	3407	164 - 201
1200	4542	230 - 270



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	-	-	-	-	2.7	-	-	-
0.78	1.4	-	-	-	4.7	5.7	6.8	-
1.15	3.8	0.6	-	-	6.6	7.6	8.7	9.6
1.50	6.1	2.9	-	-	8.4	9.4	10.6	11.4
1.83	8.3	5.1	1.4	-	10.2	11.2	12.3	13.1
2.12	10.2	7.0	3.3	0.6	11.7	12.7	13.8	14.7
2.38	11.9	8.7	5.0	2.3	13.0	14.0	15.2	16.0
2.60	13.3	10.1	6.5	3.7	14.2	15.2	16.3	17.2
2.77	14.4	11.2	7.6	4.8	15.1	16.1	17.2	18.0
2.90	15.3	12.1	8.4	5.7	15.8	16.7	17.9	18.7
2.97	15.7	12.5	8.9	6.1	16.1	17.1	18.2	19.1
3.00	15.9	12.7	9.1	6.3	16.3	17.3	18.4	19.2

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	4.3	0.6	-	-	7.5	8.5	9.6	10.5
1.50	6.0	2.2	-	-	8.9	9.9	11.0	11.8
1.75	7.6	3.9	-	-	10.3	11.2	12.4	13.2
2.00	9.2	5.5	1.2	-	11.6	12.6	13.8	14.6
2.25	10.9	7.1	2.9	-	13.0	14.0	15.1	16.0
2.50	12.5	8.8	4.5	1.3	14.4	15.4	16.5	17.4

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.