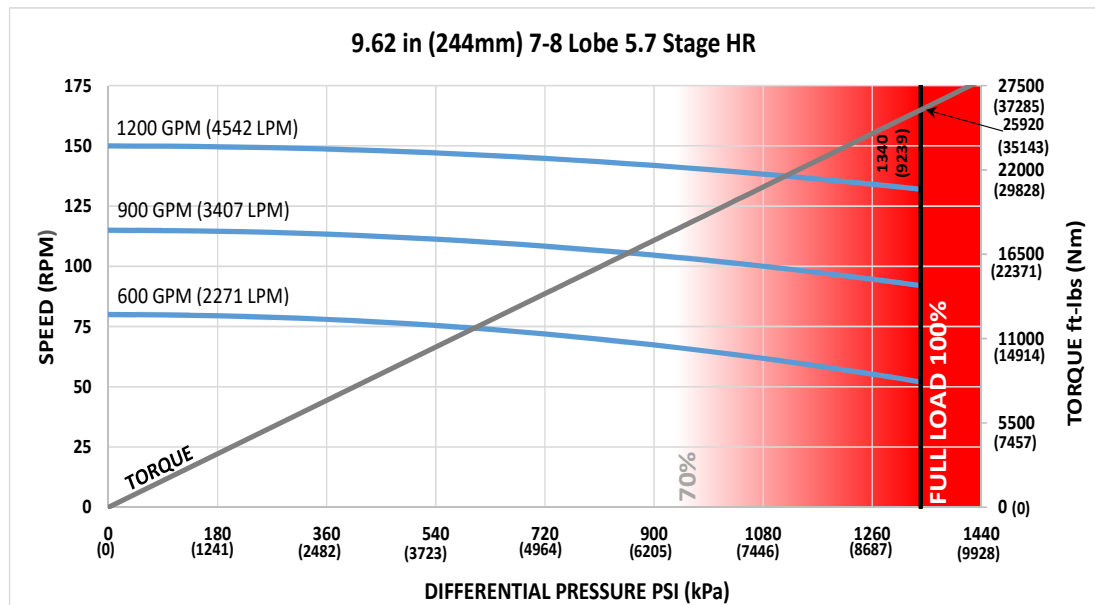


<b>Bit Size Range</b>	12-1/4 - 17-1/2 in	311 - 445 mm
<b>Bit Box Connection</b>	6-5/8 or 7-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	188513 lbf	83900 daN
<b>Static Bearing Load On/Off Bottom</b>	1092750 lbf	486100 daN
<b>Max. Overpull (For Re-run)</b>	721400 lbf	320900 daN
<b>Absolute Overpull</b>	1202300 lbf	534800 daN
<b>Adjustable Makeup Torque</b>	60000 ft-lbs	81300 Nm
<b>Stab/Thread Protector Makeup Torque</b>	38000 ft-lbs	51500 Nm
<b>A = Bit to Stabilizer (Centre)</b>	22.5 in	572 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	87.3 in / 2217 mm
	<b>Fixed</b>	87.3 in / 2217 mm
<b>C = Overall (With Dump Sub)</b>	399 in	10135 mm
<b>Weight</b>	6300 lbs	2858 kg

<b>Lobe Configuration</b>	7-8 Lobe 5.7 Stage HR	
<b>Displacement (No Load)</b>	0.13 rev/gal	0.03 rev/l
<b>Max. Differential (Full Load)</b>	1340 psi	9239 kPa
<b>Max. Torque</b>	25920 ft-lbs	35143 Nm
<b>Max. Power</b>	651 HP	486 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	52 - 80
900	3407	92 - 115
1200	4542	132 - 150



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)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	2.6	-	-	-
0.78	1.4	-	-	-	4.6	5.5	6.6	-
1.15	3.7	0.6	-	-	6.5	7.4	8.5	9.3
1.50	5.9	2.8	-	-	8.3	9.2	10.3	11.1
1.83	8.0	4.9	1.4	-	10.0	10.9	12.0	12.8
2.12	9.8	6.7	3.2	0.5	11.5	12.4	13.5	14.3
2.38	11.5	8.4	4.8	2.2	12.8	13.7	14.8	15.6
2.60	12.9	9.8	6.2	3.6	13.9	14.9	15.9	16.7
2.77	14.0	10.9	7.3	4.7	14.8	15.7	16.8	17.6
2.90	14.8	11.7	8.1	5.5	15.5	16.4	17.5	18.3
2.97	15.2	12.1	8.6	5.9	15.8	16.8	17.8	18.6
3.00	15.4	12.3	8.8	6.1	16.0	16.9	18.0	18.8

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)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	4.8	1.7	-	-	7.0	7.9	9.0	9.8
1.50	6.4	3.3	-	-	8.3	9.2	10.3	11.1
1.75	7.9	4.8	1.3	-	9.6	10.5	11.6	12.4
2.00	9.5	6.4	2.9	0.2	10.9	11.8	12.9	13.6
2.25	11.1	8.0	4.5	1.8	12.1	13.1	14.1	14.9
2.50	12.7	9.6	6.0	3.4	13.4	14.4	15.4	16.2

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.