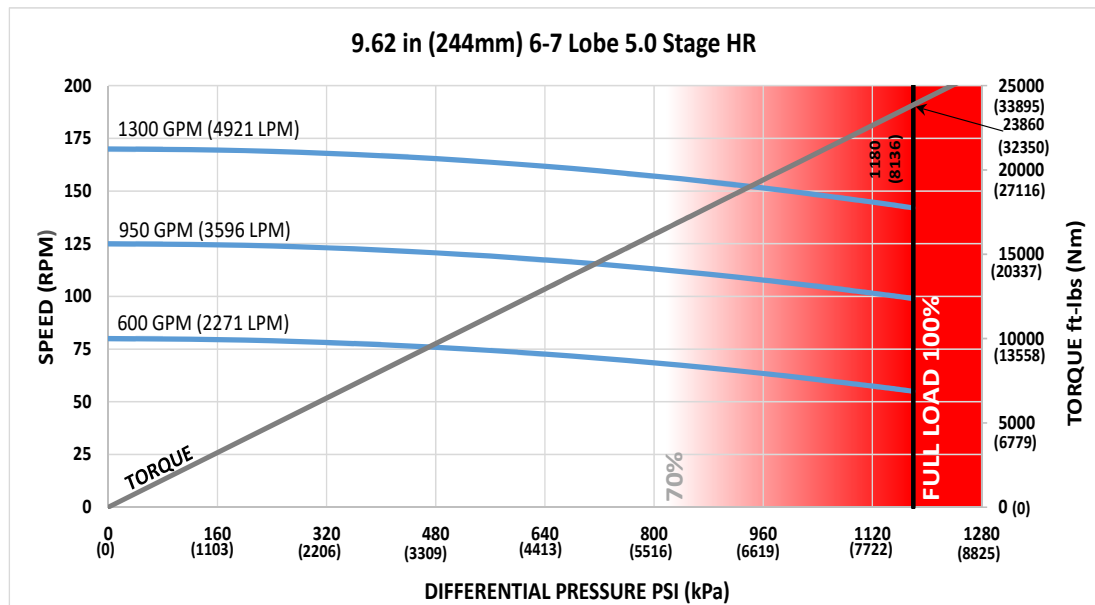




<b>Bit Size Range</b>	12-1/4 - 17-1/2 in	311 - 445 mm
<b>Bit Box Connection</b>	6-5/8 or 7-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	240975 lbf	107200 daN
<b>Static Bearing Load On/Off Bottom</b>	852600 lbf	379300 daN
<b>Max. Overpull (For Re-run)</b>	741100 lbf	329700 daN
<b>Absolute Overpull</b>	1235100 lbf	549400 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>	20.2 in	513 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	87.3 in / 2217 mm
	<b>Fixed</b>	72.7 in / 1847 mm
<b>C = Overall (With Dump Sub)</b>	376.7 in	9568 mm
<b>Weight</b>	5834 lbs	2646 kg

<b>Lobe Configuration</b>	6-7 Lobe 5 Stage HR	
<b>Displacement (No Load)</b>	0.13 rev/gal	0.03 rev/l
<b>Max. Differential (Full Load)</b>	1180 psi	8136 kPa
<b>Max. Torque</b>	23860 ft-lbs	32350 Nm
<b>Max. Power</b>	645 HP	481 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	55 - 80
950	3596	99 - 125
1300	4921	142 - 170



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	-	-	-	-	2.7	-	-	-
0.78	1.5	-	-	-	4.8	5.9	7.1	-
1.15	3.9	0.6	-	-	6.8	7.8	9.0	9.9
1.50	6.3	3.0	-	-	8.7	9.7	10.9	11.8
1.83	8.5	5.2	1.5	-	10.4	11.5	12.7	13.6
2.12	10.5	7.2	3.4	0.6	12.0	13.0	14.2	15.1
2.38	12.2	8.9	5.2	2.3	13.3	14.4	15.6	16.5
2.60	13.7	10.4	6.6	3.8	14.5	15.6	16.8	17.7
2.77	14.8	11.6	7.8	5.0	15.4	16.5	17.7	18.6
2.90	15.7	12.4	8.7	5.8	16.1	17.2	18.4	19.3
2.97	16.2	12.9	9.1	6.3	16.5	17.5	18.7	19.6
3.00	16.4	13.1	9.3	6.5	16.6	17.7	18.9	19.8

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	4.5	0.6	-	-	7.7	8.8	10.0	10.9
1.50	6.1	2.3	-	-	9.1	10.2	11.4	12.3
1.75	7.8	4.0	-	-	10.5	11.6	12.8	13.7
2.00	9.5	5.7	1.3	-	11.9	13.0	14.2	15.1
2.25	11.2	7.4	3.0	-	13.3	14.4	15.6	16.5
2.50	12.9	9.0	4.6	1.4	14.7	15.8	17.0	17.9

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.