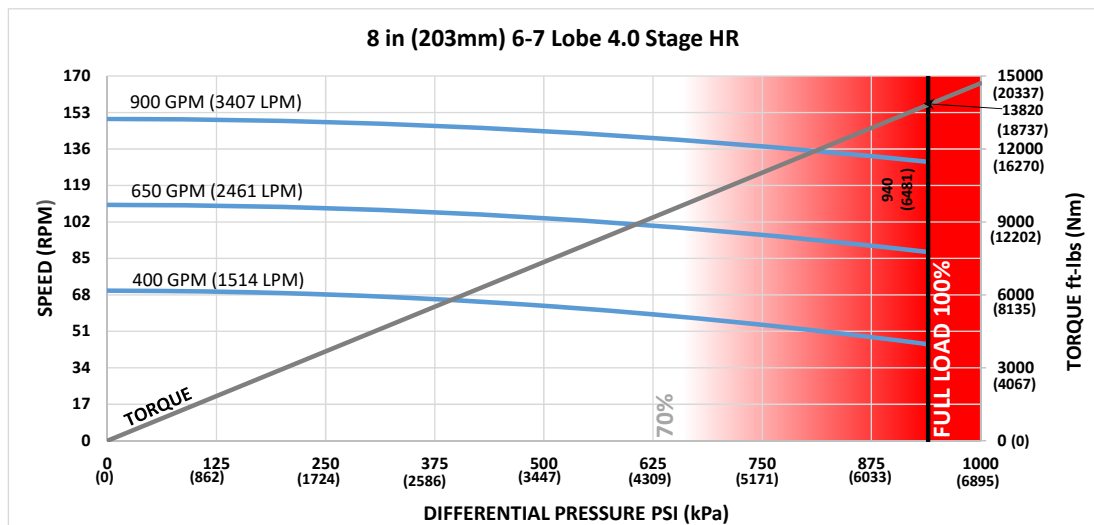


<b>Bit Size Range</b>	12-1/4 - 17-1/2 in	311 - 445 mm
<b>Bit Box Connection</b>	6-5/8 or 7-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	188513 lbf	83900 daN
<b>Static Bearing Load On/Off Bottom</b>	1092750 lbf	486100 daN
<b>Max. Overpull (For Re-run)</b>	721400 lbf	320900 daN
<b>Absolute Overpull</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
	<b>Fixed</b>	87.3 in
<b>C = Overall (With Dump Sub)</b>	365 in	9271 mm
<b>Weight</b>	4805 lbs	2180 kg

<b>Lobe Configuration</b>	6-7 Lobe 4.0 Stage HR	
<b>Displacement (No Load)</b>	0.17 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	940 psi	6481 kPa
<b>Max. Torque</b>	13820 ft-lbs	18737 Nm
<b>Max. Power</b>	342 HP	255 kW

Flow Rate		Speed
GPM	LPM	RPM
400	1514	45 - 70
650	2461	88 - 110
900	3407	130 - 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	0.1	-	-	-	4.0	5.1	-	-
0.78	2.8	-	-	-	6.1	7.3	8.6	9.5
1.15	5.4	2.0	-	-	8.2	9.3	10.6	11.6
1.50	7.9	4.4	0.6	-	10.1	11.2	12.5	13.5
1.83	10.2	6.7	2.9	-	11.9	13.0	14.3	15.3
2.12	12.2	8.8	4.9	2.0	13.5	14.6	15.9	16.9
2.38	14.0	10.6	6.7	3.8	14.9	16.1	17.4	18.3
2.60	15.5	12.1	8.2	5.3	16.1	17.3	18.6	19.5
2.77	16.7	13.3	9.4	6.5	17.1	18.2	19.5	20.5
2.90	17.6	14.2	10.3	7.4	17.8	18.9	20.2	21.2
2.97	18.1	14.7	10.8	7.9	18.2	19.3	20.6	21.6
3.00	18.3	14.9	11.0	8.1	18.3	19.5	20.8	21.7

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	6.6	3.2	-	-	8.7	9.8	11.1	12.1
1.50	8.4	4.9	1.1	-	10.1	11.2	12.5	13.5
1.75	10.1	6.7	2.8	-	11.5	12.6	13.9	14.9
2.00	11.8	8.4	4.5	1.6	12.8	14.0	15.3	16.2
2.25	13.6	10.2	6.3	3.4	14.2	15.3	16.6	17.6
2.50	15.3	11.9	8.0	5.1	15.6	16.7	18.0	19.0

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.