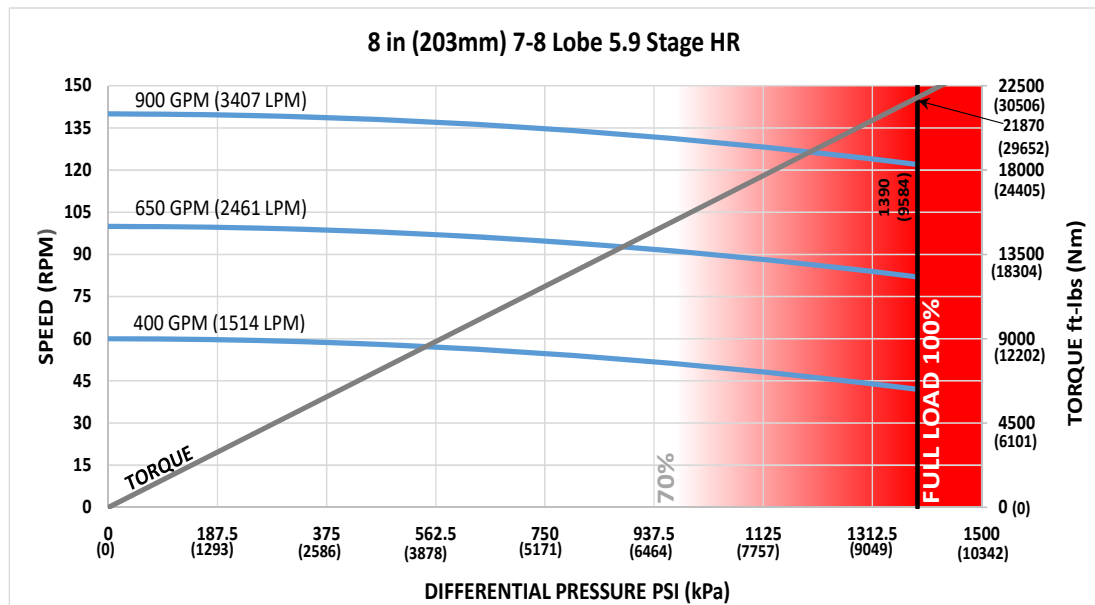




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	162510 lbf	72300 daN
<b>Static Bearing Load On/Off Bottom</b>	573485 lbf	255100 daN
<b>Max. Overpull (For Re-run)</b>	554100 lbf	246500 daN
<b>Absolute Overpull</b>	923500 lbf	410800 daN
<b>Adjustable Makeup Torque</b>	40000 ft-lbs	54200 Nm
<b>Stab/Thread Protector Makeup Torque</b>	30000 ft-lbs	40700 Nm
<b>A = Bit to Stablizer (Centre)</b>	19.26 in	489 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	87 in / 2210 mm
	<b>Fixed</b>	72.3 in / 1836 mm
<b>C = Overall (With Dump Sub)</b>	452.7 in	11499 mm
<b>Weight</b>	5321 lbs	2414 kg

<b>Lobe Configuration</b>	7-8 Lobe 5.9 Stage HR	
<b>Displacement (No Load)</b>	0.16 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	1390 psi	9584 kPa
<b>Max. Torque</b>	21870 ft-lbs	29652 Nm
<b>Max. Power</b>	508 HP	379 kW

Flow Rate		Speed
GPM	LPM	RPM
400	1514	42 - 60
650	2461	82 - 100
900	3407	122 - 140



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	1.8	2.1	-	-
0.78	2.0	0.8	-	-	3.6	3.9	4.2	4.5
1.15	4.1	2.9	1.4	0.2	5.3	5.6	5.9	6.2
1.50	6.0	4.8	3.4	2.2	6.9	7.2	7.5	7.8
1.83	7.8	6.6	5.2	4.0	8.4	8.7	9.1	9.4
2.12	9.5	8.3	6.8	5.6	9.8	10.1	10.4	10.7
2.38	10.9	9.7	8.3	7.1	11.0	11.3	11.6	11.9
2.60	12.1	10.9	9.5	8.3	12.1	12.3	12.6	12.9
2.77	13.1	11.9	10.5	9.3	13.1	13.1	13.4	13.7
2.90	13.8	12.6	11.2	10.0	13.8	13.7	14.0	14.3
2.97	14.2	13.0	11.6	10.4	14.2	14.0	14.3	14.6
3.00	14.4	13.2	11.7	10.5	14.4	14.1	14.5	14.8

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	4.2	2.8	1.1	-	6.0	6.3	6.6	6.9
1.50	5.6	4.2	2.5	1.1	7.2	7.5	7.9	8.2
1.75	7.0	5.6	3.9	2.5	8.4	8.7	9.1	9.4
2.00	8.4	7.0	5.3	3.9	9.6	9.9	10.3	10.6
2.25	9.8	8.3	6.7	5.3	10.8	11.1	11.5	11.8
2.50	11.2	9.7	8.1	6.7	12.0	12.3	12.7	13.0

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.