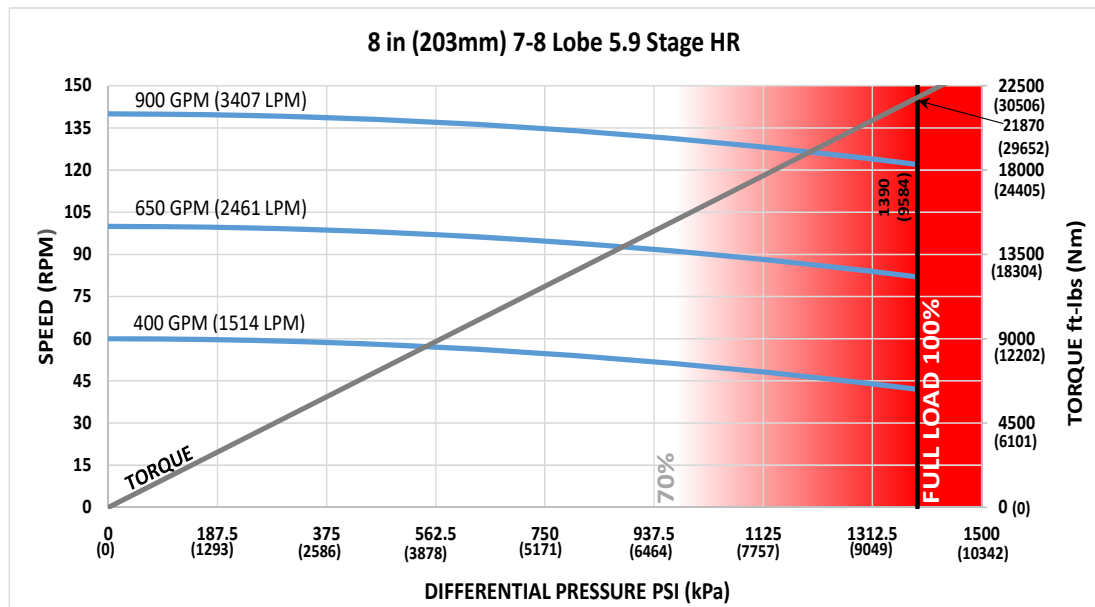




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	162510 lbf	72300 daN
<b>Static Bearing Load On/Off Bottom</b>	573485 lbf	255100 daN
<b>Max. Overpull (For Re-run)</b>	554100 lbf	246500 daN
<b>Absolute Overpull</b>	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>	16.87 in	428 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	74.7 in / 1897 mm
	<b>Fixed</b>	60.1 in / 1527 mm
<b>C = Overall (With Dump Sub)</b>	440.4 in	11186 mm
<b>Weight</b>	5141 lbs	2332 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	1.7	0.3	-	-	3.7	4.0	4.4	4.7
1.15	3.8	2.4	0.8	-	5.5	5.9	6.2	6.5
1.50	5.8	4.4	2.8	1.3	7.2	7.6	7.9	8.2
1.83	7.7	6.3	4.6	3.2	8.9	9.2	9.5	9.9
2.12	9.4	8.0	6.3	4.9	10.3	10.6	11.0	11.3
2.38	10.9	9.5	7.8	6.4	11.5	11.9	12.2	12.5
2.60	12.1	10.7	9.1	7.6	12.6	12.9	13.3	13.6
2.77	13.1	11.7	10.0	8.6	13.4	13.8	14.1	14.4
2.90	13.9	12.4	10.8	9.4	14.1	14.4	14.8	15.1
2.97	14.3	12.8	11.2	9.8	14.4	14.7	15.1	15.4
3.00	14.4	13.0	11.4	9.9	14.6	14.9	15.2	15.6

Note: Stablizers 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	3.8	2.1	0.1	-	6.3	6.6	7.0	7.3
1.50	5.3	3.6	1.6	-	7.6	7.9	8.3	8.6
1.75	6.7	5.0	3.0	1.3	8.8	9.2	9.5	9.8
2.00	8.1	6.4	4.4	2.7	10.1	10.4	10.8	11.1
2.25	9.6	7.8	5.9	4.2	11.4	11.7	12.1	12.4
2.50	11.0	9.3	7.3	5.6	12.7	13.0	13.3	13.7

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.