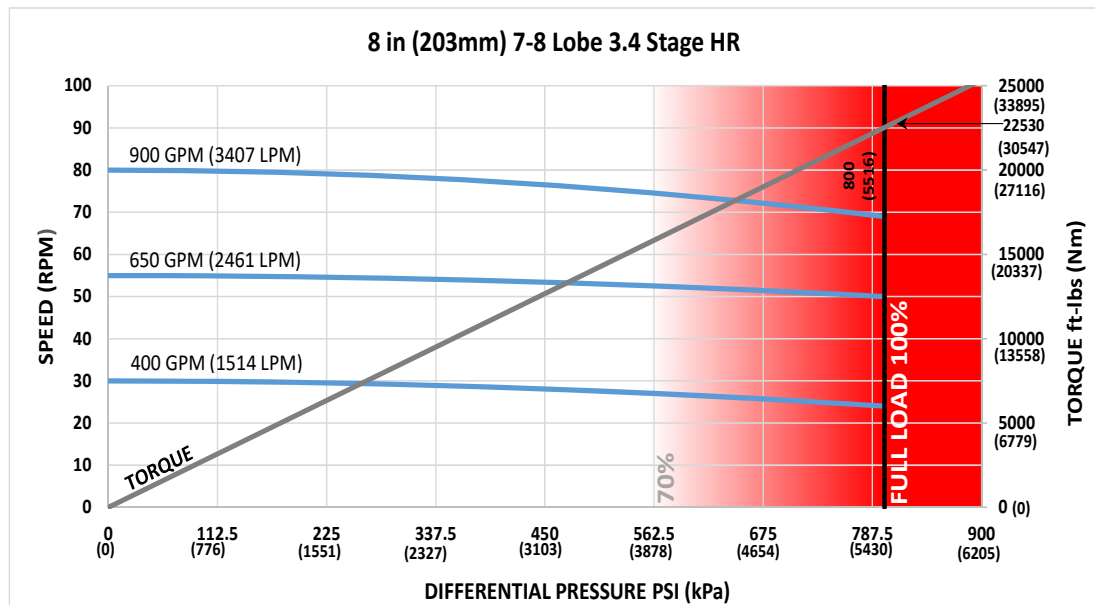




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	145951 lbf	64900 daN
<b>Static Bearing Load On/Off Bottom</b>	534312 lbf	237700 daN
<b>Max. Overpull (For Re-run)</b>	542500 lbf	241300 daN
<b>Absolute Overpull</b>	904100 lbf	402200 daN
<b>Adjustable Makeup Torque</b>	40000 ft-lbs	54200 Nm
<b>Stab/Thread Protector Makeup Torque</b>	21000 ft-lbs	28500 Nm
<b>A = Bit to Stabilizer (Centre)</b>	23.5 in	597 mm
<b>B = Bit to Bend</b>	Adjustable	74.9 in / 1902 mm
	Fixed	60.3 in / 1532 mm
<b>C = Overall (With Dump Sub)</b>	441.1 in	11204 mm
<b>Weight</b>	4930 lbs	2236 kg

<b>Lobe Configuration</b>	7-8 Lobe 3.4 Stage HR	
<b>Displacement (No Load)</b>	0.09 rev/gal	0.02 rev/l
<b>Max. Differential (Full Load)</b>	800 psi	5516 kPa
<b>Max. Torque</b>	22530 ft-lbs	30547 Nm
<b>Max. Power</b>	296 HP	221 kW

Flow Rate		Speed
GPM	LPM	RPM
400	1514	24 - 30
650	2461	50 - 55
900	3407	69 - 80



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	-	-	-	-	2.0	2.3	-	-
0.78	1.7	0.3	-	-	3.9	4.3	4.6	5.0
1.15	3.8	2.4	0.8	-	5.8	6.1	6.5	6.8
1.50	5.8	4.4	2.8	1.4	7.5	7.8	8.2	8.5
1.83	7.7	6.3	4.7	3.2	9.1	9.5	9.8	10.2
2.12	9.4	8.0	6.3	4.9	10.6	10.9	11.3	11.6
2.38	10.9	9.5	7.8	6.4	11.9	12.2	12.6	12.9
2.60	12.1	10.7	9.1	7.7	13.0	13.3	13.7	14.0
2.77	13.1	11.7	10.0	8.6	13.8	14.1	14.5	14.8
2.90	13.9	12.4	10.8	9.4	14.5	14.8	15.1	15.5
2.97	14.3	12.8	11.2	9.8	14.8	15.1	15.5	15.8
3.00	14.4	13.0	11.4	9.9	14.9	15.3	15.6	16.0

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	3.8	2.1	0.1	-	6.5	6.9	7.2	7.6
1.50	5.3	3.6	1.6	-	7.8	8.2	8.5	8.8
1.75	6.7	5.0	3.0	1.3	9.1	9.5	9.8	10.1
2.00	8.1	6.4	4.4	2.7	10.4	10.7	11.1	11.4
2.25	9.6	7.8	5.9	4.2	11.7	12.0	12.4	12.7
2.50	11.0	9.3	7.3	5.6	13.0	13.3	13.7	14.0

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.