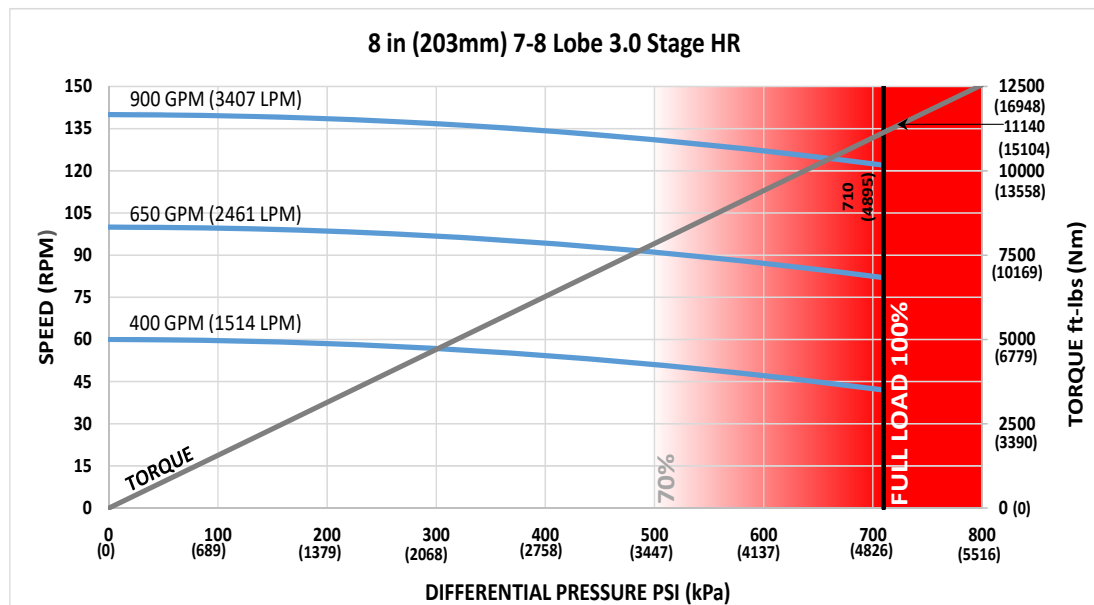




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	162510 lbf	72300 daN
<b>Static Bearing Load On/Off Bottom</b>	573485 lbf	255100 daN
<b>Max. Overpull (For Re-run)</b>	554100 lbf	246500 daN
<b>Absolute Overpull</b>	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 Stabilizer (Centre)</b>	16.87 in	428 mm
<b>B = Bit to Bend</b>	Adjustable: 74.7 in Fixed: 60.1 in	1897 mm 1527 mm
<b>C = Overall (With Dump Sub)</b>	300.4 in	7630 mm
<b>Weight</b>	3660 lbs	1660 kg

<b>Lobe Configuration</b>	7-8 Lobe 3 Stage HR	
<b>Displacement (No Load)</b>	0.16 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	710 psi	4895 kPa
<b>Max. Torque</b>	11140 ft-lbs	15104 Nm
<b>Max. Power</b>	259 HP	193 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	-	-	-	-	3.0	3.7	-	-
0.78	2.6	0.5	-	-	5.6	6.3	7.2	7.9
1.15	5.8	3.7	1.2	-	8.0	8.8	9.6	10.4
1.50	8.8	6.7	4.2	2.1	10.3	11.1	11.9	12.7
1.83	11.7	9.5	7.1	4.9	12.5	13.3	14.1	14.9
2.12	14.2	12.0	9.5	7.4	14.4	15.2	16.0	16.8
2.38	16.4	14.3	11.8	9.7	16.4	16.9	17.8	18.5
2.60	18.3	16.2	13.7	11.6	18.3	18.4	19.2	20.0
2.77	19.8	17.6	15.1	13.0	19.8	19.5	20.3	21.1
2.90	20.9	18.7	16.3	14.1	20.9	20.3	21.2	21.9
2.97	21.5	19.4	16.9	14.7	21.5	20.8	21.7	22.4
3.00	21.7	19.6	17.1	15.0	21.7	21.0	21.9	22.6

### 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	5.8	3.2	0.3	-	9.3	10.1	10.9	11.7
1.50	8.0	5.4	2.4	-	11.1	11.8	12.7	13.4
1.75	10.1	7.5	4.6	2.0	12.9	13.6	14.5	15.2
2.00	12.3	9.7	6.7	4.1	14.7	15.4	16.3	17.0
2.25	14.4	11.8	8.9	6.3	16.4	17.2	18.0	18.8
2.50	16.6	14.0	11.0	8.5	18.2	19.0	19.8	20.6

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.

Note: Stabilizers are 1/8" undergauge