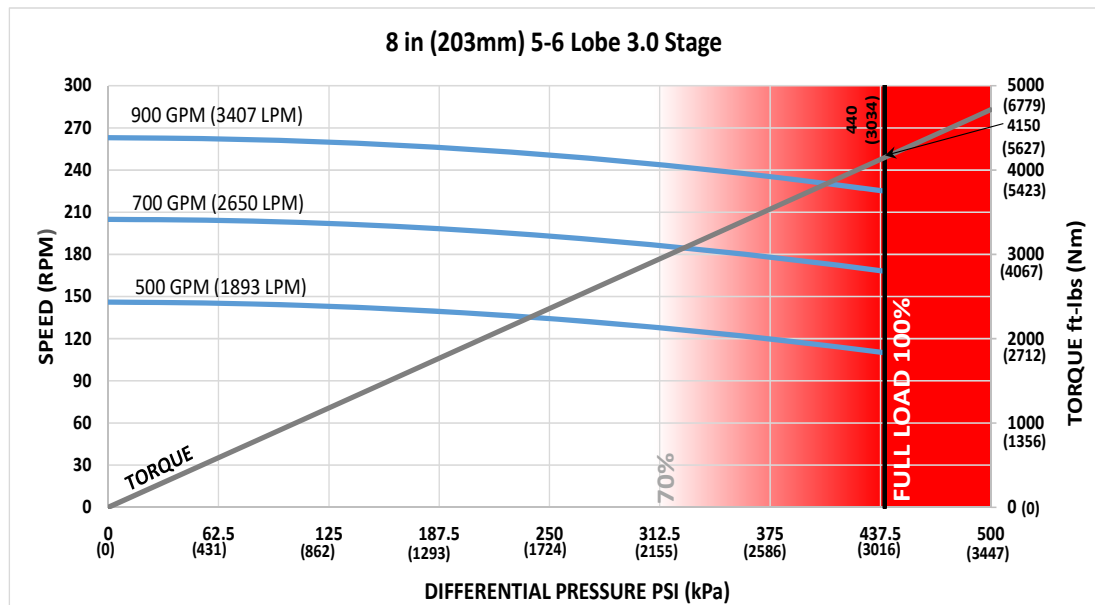




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	162510 lbf	72300 daN
<b>Static Bearing Load On/Off Bottom</b>	573485 lbf	255100 daN
<b>Max. Overpull (For Re-run)</b>	554100 lbf	246500 daN
<b>Absolute Overpull</b>	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>	264.33 in	6714 mm
<b>Weight</b>	3202 lbs	1452 kg

<b>Lobe Configuration</b>	5-6 Lobe 3 Stage	
<b>Displacement (No Load)</b>	0.29 rev/gal	0.08 rev/l
<b>Max. Differential (Full Load)</b>	440 psi	3034 kPa
<b>Max. Torque</b>	4150 ft-lbs	5627 Nm
<b>Max. Power</b>	178 HP	133 kW

GPM	LPM	Flow Rate	Speed
		RPM	
500	1893	110 - 146	
700	2650	168 - 205	
900	3407	225 - 263	



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	-	-	-	-	3.5	4.5	5.7	-
0.78	3.7	1.6	-	-	6.1	7.1	8.3	9.3
1.15	7.4	5.2	2.7	0.6	8.6	9.6	10.8	11.8
1.50	10.8	8.7	6.2	4.0	11.0	12.0	13.1	14.1
1.83	14.1	11.9	9.4	7.3	14.1	14.2	15.4	16.4
2.12	16.9	14.8	12.3	10.2	16.9	16.1	17.3	18.3
2.38	19.5	17.4	14.9	12.7	19.5	17.9	19.0	20.1
2.60	21.7	19.5	17.0	14.9	21.7	19.5	20.5	21.5
2.77	23.4	21.2	18.7	16.6	23.4	21.2	21.7	22.7
2.90	24.7	22.5	20.0	17.9	24.7	22.5	22.5	23.5
2.97	25.3	23.2	20.7	18.6	25.3	23.2	23.0	24.0
3.00	25.6	23.5	21.0	18.9	25.6	23.5	23.2	24.2

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	7.6	5.1	2.1	-	10.1	11.1	12.3	13.3
1.50	10.0	7.5	4.6	2.1	12.0	13.0	14.2	15.2
1.75	12.5	10.0	7.1	4.5	13.8	14.8	16.0	17.0
2.00	15.0	12.5	9.5	7.0	15.7	16.7	17.9	18.9
2.25	17.5	14.9	12.0	9.5	17.5	18.5	19.7	20.7
2.50	19.9	17.4	14.5	12.0	19.9	20.4	21.6	22.6

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.