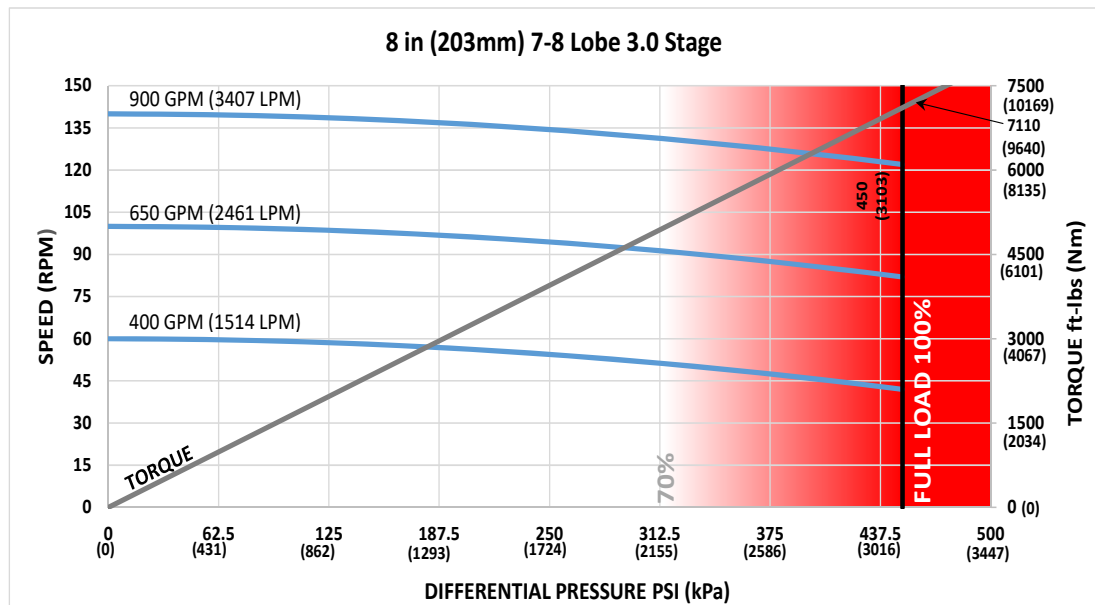




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	162510 lbf	72300 daN
<b>Static Bearing Load On/Off Bottom</b>	573485 lbf	255100 daN
<b>Max. Overpull (For Re-run)</b>	554100 lbf	246500 daN
<b>Absolute Overpull</b>	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>	19.26 in	489 mm
<b>B = Bit to Bend</b>	Adjustable 87 in	2210 mm
	Fixed 72.3 in	1836 mm
<b>C = Overall (With Dump Sub)</b>	312.7 in	7943 mm
<b>Weight</b>	3840 lbs	1742 kg

<b>Lobe Configuration</b>	7-8 Lobe 3 Stage	
<b>Displacement (No Load)</b>	0.16 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	450 psi	3103 kPa
<b>Max. Torque</b>	7110 ft-lbs	9640 Nm
<b>Max. Power</b>	165 HP	123 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	-	-	-	-	2.8	3.5	4.3	-
0.78	3.0	1.2	-	-	5.2	5.9	6.7	7.3
1.15	6.1	4.3	2.2	0.4	7.4	8.1	8.9	9.6
1.50	9.0	7.2	5.1	3.3	9.6	10.2	11.0	11.7
1.83	11.7	9.9	7.8	6.0	11.7	12.3	13.1	13.7
2.12	14.1	12.3	10.2	8.4	14.1	14.0	14.8	15.5
2.38	16.2	14.4	12.3	10.6	16.2	15.6	16.4	17.1
2.60	18.0	16.2	14.2	12.4	18.0	17.0	17.7	18.4
2.77	19.4	17.6	15.6	13.8	19.4	18.0	18.8	19.5
2.90	20.5	18.7	16.6	14.8	20.5	18.8	19.6	20.3
2.97	21.1	19.3	17.2	15.4	21.1	19.3	20.0	20.7
3.00	21.3	19.5	17.5	15.7	21.3	19.5	20.2	20.9

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	6.3	4.2	1.7	-	8.6	9.3	10.1	10.8
1.50	8.3	6.2	3.8	1.7	10.3	10.9	11.7	12.4
1.75	10.4	8.3	5.8	3.7	11.9	12.6	13.4	14.1
2.00	12.5	10.4	7.9	5.8	13.5	14.2	15.0	15.7
2.25	14.5	12.4	10.0	7.9	15.2	15.9	16.7	17.3
2.50	16.6	14.5	12.0	9.9	16.8	17.5	18.3	19.0

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.