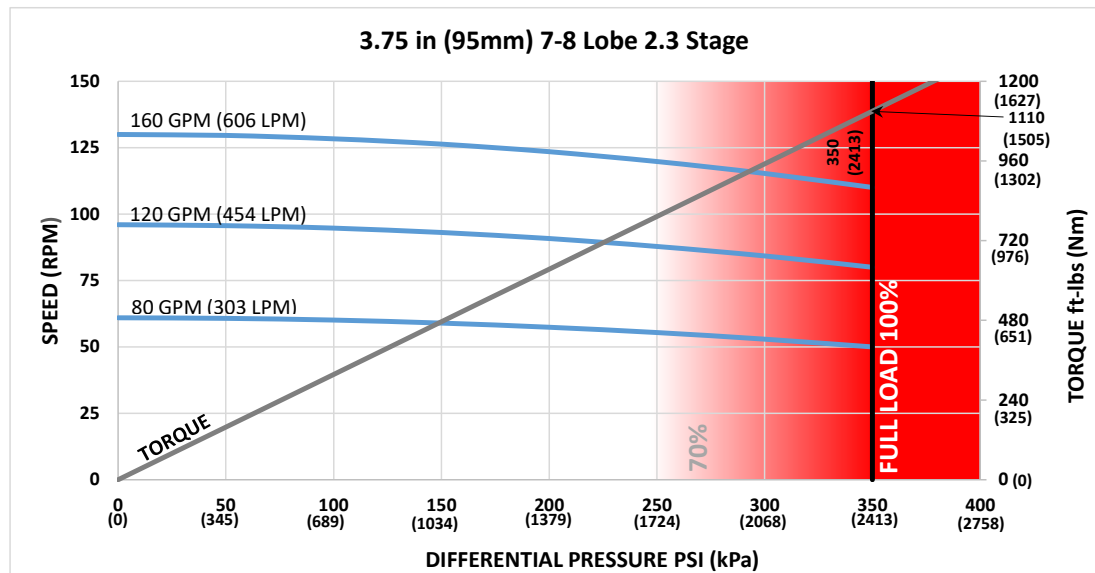




<b>Bit Size Range</b>	4-3/4 - 5-7/8 in	121 - 149 mm
<b>Bit Box Connection</b>	2-7/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	31850 lbf	14200 daN
<b>Static Bearing Load On/Off Bottom</b>	104100 lbf	46300 daN
<b>Max. Overpull (For Re-run)</b>	154100 lbf	68500 daN
<b>Absolute Overpull</b>	256800 lbf	114200 daN
<b>Adjustable Makeup Torque</b>	3500 ft-lbs	4700 Nm
<b>Stab/Thread Protector Makeup Torque</b>	3500 ft-lbs	4700 Nm
<b>A = Bit to Stabilizer (Centre)</b>	10 in	254 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	50.6 in / 1285 mm
	<b>Fixed</b>	41.5 in / 1054 mm
<b>C = Overall (With Dump Sub)</b>	234.7 in	5961 mm
<b>Weight</b>	438 lbs	199 kg

<b>Lobe Configuration</b>	7-8 Lobe 2.3 Stage	
<b>Displacement (No Load)</b>	0.768 rev/gal	0.2 rev/l
<b>Max. Differential (Full Load)</b>	350 psi	2413 kPa
<b>Max. Torque</b>	1110 ft-lbs	1505 Nm
<b>Max. Power</b>	23 HP	17 kW

Flow Rate		Speed
GPM	LPM	RPM
80	303	50 - 61
120	454	80 - 96
160	606	110 - 130



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	4-3/4 (121mm)	5 (127mm)	5-1/4 (133mm)	5-7/8 (149mm)	4-3/4 (121mm)	5 (127mm)	5-1/4 (133mm)	5-7/8 (149mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
<b>0.39</b>	0.7	-	-	-	2.5	2.8	3.2	-
<b>0.78</b>	4.9	3.5	2.2	-	5.8	6.2	6.6	7.5
<b>1.15</b>	8.9	7.5	6.2	2.9	9.0	9.4	9.8	10.7
<b>1.50</b>	12.6	11.3	10.0	6.6	12.6	12.4	12.8	13.7
<b>1.83</b>	16.2	14.9	13.5	10.2	16.2	15.3	15.7	16.6
<b>2.12</b>	19.3	18.0	16.7	13.3	19.3	18.0	18.2	19.1
<b>2.38</b>	22.1	20.8	19.5	16.1	22.1	20.8	20.4	21.4
<b>2.60</b>	24.5	23.2	21.8	18.5	24.5	23.2	22.3	23.3
<b>2.77</b>	26.3	25.0	23.7	20.3	26.3	25.0	23.8	24.7
<b>2.90</b>	27.7	26.4	25.1	21.7	27.7	26.4	25.1	25.9
<b>2.97</b>	28.5	27.2	25.8	22.5	28.5	27.2	25.8	26.5
<b>3.00</b>	28.8	27.5	26.1	22.8	28.8	27.5	26.1	26.7

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	4-3/4 (121mm)	5 (127mm)	5-1/4 (133mm)	5-7/8 (149mm)	4-3/4 (121mm)	5 (127mm)	5-1/4 (133mm)	5-7/8 (149mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
<b>1.25</b>	9.2	7.6	6.0	2.0	10.5	10.9	11.2	12.2
<b>1.50</b>	11.9	10.3	8.7	4.7	12.8	13.1	13.5	14.5
<b>1.75</b>	14.6	13.0	11.4	7.4	15.1	15.4	15.8	16.7
<b>2.00</b>	17.3	15.7	14.1	10.1	17.3	17.7	18.1	19.0
<b>2.25</b>	20.0	18.4	16.8	12.8	20.0	20.0	20.4	21.3
<b>2.50</b>	22.6	21.1	19.5	15.5	22.6	22.3	22.7	23.6

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.