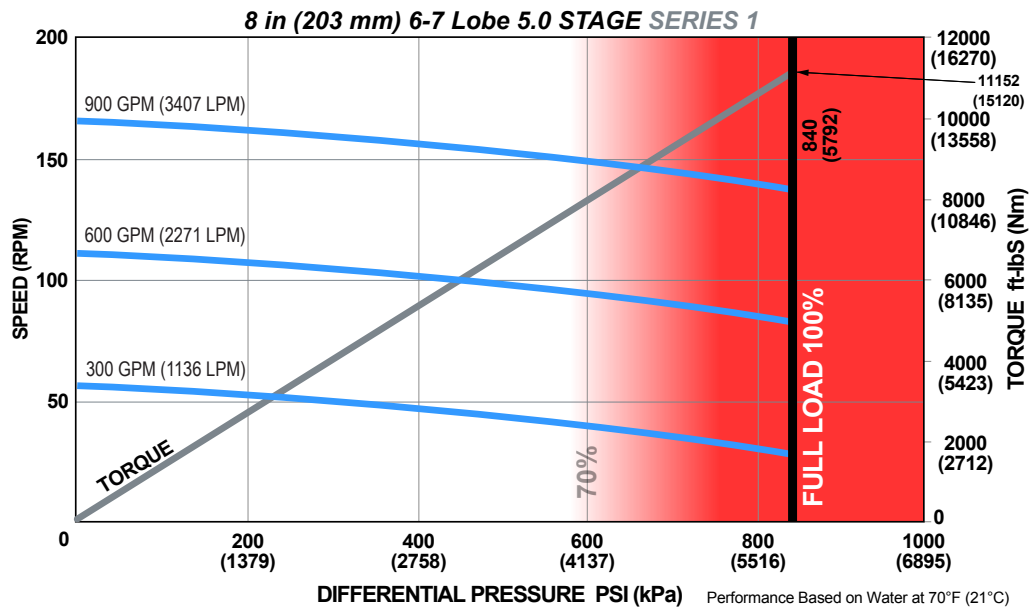


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<b>Max. Overpull (for re-run)</b>		554100 lbf	246000 daN
<b>Absolute Overpull</b>		923500 lbf	411000 daN
<b>Adjustable Makeup Torque</b>		40000 ft-lbs	54233 Nm
<b>A = Bit to Stabilizer (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>		402.7 in	10229 mm
<b>Weight</b>		4096 lbs	1857.9 kg

<b>Lobe Configuration</b>	6-7 Lobe 5.0 Stage	
<b>Displacement (NO LOAD)</b>	0.17 rev/gal	0.04 rev/l
<b>Max. Differential @ FULL LOAD</b>	840 psi	5,792 kPa
<b>Max. Torque</b>	11,152 ft-lbs	15,120 Nm
<b>Max. Power</b>	291 HP	217 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1,136	28 - 51
600	2,271	83 - 106
900	3,407	137 - 160



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

**ADJUSTABLE BUILD RATE: 8 in (203 mm) 6-7 Lobe 5.0 Stage SERIES 1**

Hole Size	SLICK			STABILIZED		
	9-7/8 (251 mm)	10-5/8 (270 mm)	12-1/4 (311 mm)	9-7/8 (251 mm)	10-5/8 (270 mm)	12-1/4 (311 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
0.39	-	-	-	1.07	1.38	2.05
0.78	1.91	0.72	-	3.04	3.15	3.82
1.15	3.94	2.75	0.17	5.44	5.13	5.5
1.50	5.87	4.67	2.09	7.71	7.4	7.08
1.83	7.68	6.49	3.9	9.84	9.54	8.87
2.12	9.27	8.08	5.5	11.72	11.41	10.75
2.38	10.7	9.51	6.92	13.41	13.1	12.43
2.60	11.91	10.72	8.13	14.83	14.52	13.86
2.77	12.84	11.65	9.07	15.93	15.62	14.96
2.90	13.56	12.37	9.78	16.78	16.47	15.8
2.97	13.94	12.75	10.16	17.23	16.92	16.25
3.00	14.11	12.91	10.33	17.42	17.11	16.45

**FBH BUILD RATE: 8 in (203 mm) 6-7 Lobe 5.0 Stage SERIES 1**

Hole Size	SLICK			STABILIZED		
	9-7/8 (251 mm)	10-5/8 (270 mm)	12-1/4 (311 mm)	9-7/8 (251 mm)	10-5/8 (270 mm)	12-1/4 (311 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
1.25	4.08	2.68	-	5.83	5.55	6.21
1.50	5.45	4.05	1.02	7.4	7.09	7.4
1.75	6.83	5.43	2.39	8.96	8.66	8.59
2.00	8.2	6.8	3.76	10.53	10.22	9.77

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.