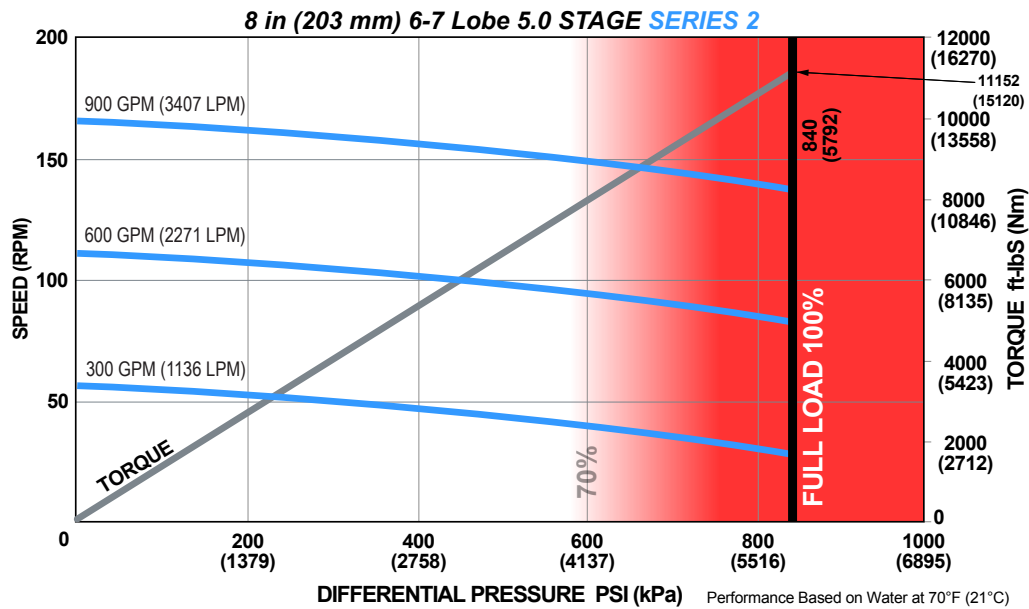


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<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>		16.87 in	428 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	74.7 in	1897 mm
	<b>Fixed</b>	60.1 in	1527 mm
<b>C = Overall (with Dump Sub)</b>		390.4 in	9916 mm
<b>Weight</b>		3916 lbs	1776.3 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 2****

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	-	-	-	1.06	1.39	2.1
0.78	1.62	0.22	-	2.93	3.26	3.97
1.15	3.72	2.31	-	5.34	5.04	5.74
1.50	5.7	4.29	1.25	7.63	7.31	7.42
1.83	7.57	6.16	3.12	9.79	9.47	9
2.12	9.21	7.81	4.76	11.7	11.37	10.66
2.38	10.68	9.28	6.24	13.4	13.07	12.37
2.60	11.93	10.52	7.48	14.84	14.51	13.81
2.77	12.89	11.49	8.44	15.95	15.63	14.92
2.90	13.63	12.22	9.18	16.81	16.48	15.77
2.97	14.02	12.62	9.58	17.26	16.94	16.23
3.00	14.19	12.79	9.74	17.46	17.13	16.43

**FBH BUILD RATE: 8 in (203 mm) 6-7 Lobe 5.0 Stage **SERIES 2****

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	3.72	2.03	-	5.72	5.79	6.5
1.50	5.13	3.44	-	7.31	7.05	7.75
1.75	6.55	4.86	1.2	8.89	8.56	9.01
2.00	7.96	6.28	2.62	10.47	10.15	10.26

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.