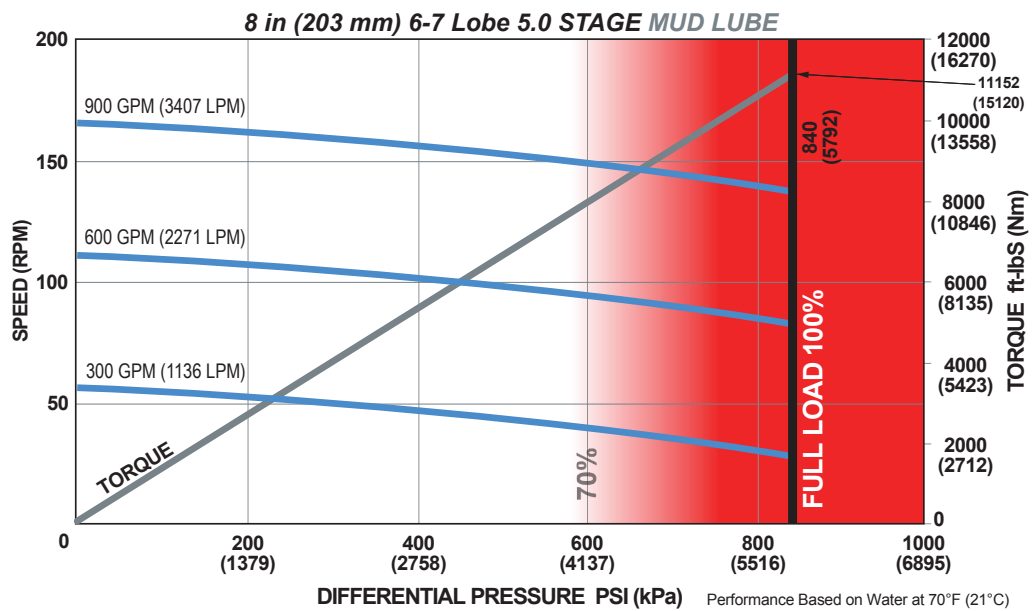


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<b>Max. Overpull (for re-run)</b>		542500 lbf	241000 daN
<b>Absolute Overpull</b>		904100 lbf	402000 daN
<b>Adjustable Makeup Torque</b>		40000 ft-lbs	54233 Nm
<b>A = Bit to Stabilizer (centre)</b>		23.5 in	597 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	74.9 in	1902 mm
	<b>Fixed</b>	60 in	1524 mm
<b>C = Overall (with Dump Sub)</b>		390.2 in	9911 mm
<b>Weight</b>		3203.2 lbs	1452.9 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 MUD LUBE**

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	-	-	-	1.48	1.81	2.53
0.78	1.63	0.23	-	3.44	3.72	4.44
1.15	3.72	2.32	-	5.84	5.52	6.25
1.50	5.71	4.31	1.27	8.11	7.77	7.95
1.83	7.58	6.18	3.14	10.24	9.91	9.56
2.12	9.22	7.82	4.78	12.12	11.79	11.07
2.38	10.69	9.29	6.26	13.80	13.47	12.75
2.60	11.94	10.54	7.50	15.23	14.89	14.17
2.77	12.90	11.50	8.46	16.33	15.99	15.27
2.90	13.64	12.24	9.20	17.17	16.83	16.11
2.97	14.03	12.63	9.60	17.62	17.29	16.57
3.00	14.20	12.80	9.77	17.81	17.48	16.76

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

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	3.71	2.02	-	6.19	6.30	7.02
1.50	5.13	3.44	-	7.75	7.58	8.30
1.75	6.55	4.86	1.19	9.31	8.98	9.58
2.00	7.96	6.27	2.61	10.87	10.54	10.86
2.25	9.38	7.69	4.02	12.43	12.10	12.13
2.50	10.80	9.10	5.44	13.99	13.66	13.41

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.