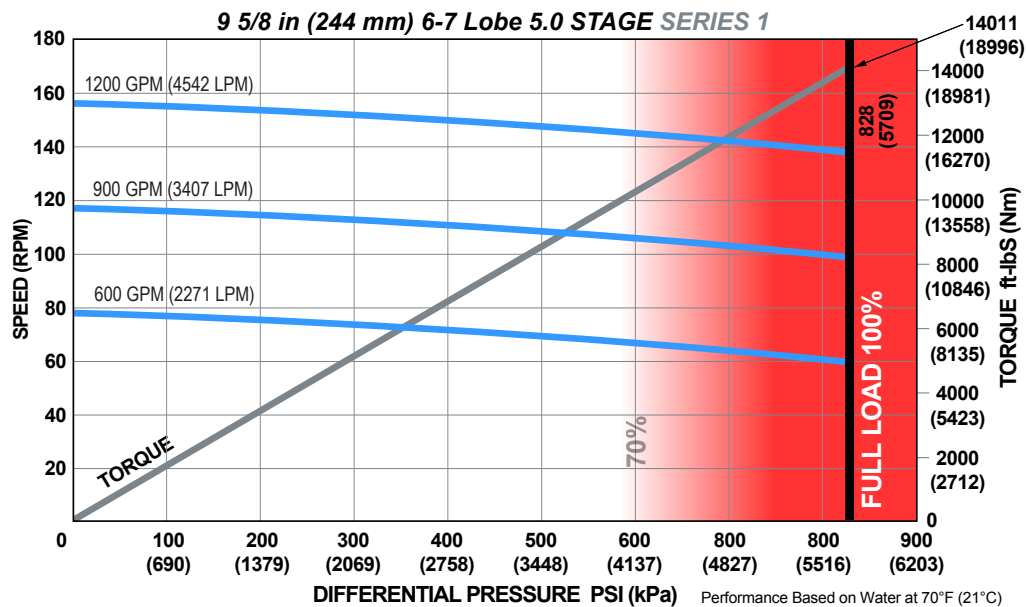


<b>Bit Size Range</b>		12-1/4 - 17-1/2 in	311 - 445 mm
<b>Bit Box Connection</b>		6-5/8 or 7-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	240975 lbf	107190 daN
	<b>Static</b>	852600 lbf	379260 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	240975 lbf	107190 daN
	<b>Static</b>	852600 lbf	379260 daN
<b>Max. Overpull (for re-run)</b>		741100 lbf	330000 daN
<b>Absolute Overpull</b>		1235100 lbf	549000 daN
<b>Adjustable Makeup Torque</b>		60000 ft-lbs	81349 Nm
<b>A = Bit to Stabilizer (centre)</b>		20.2 in	513 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	87.3 in	2217 mm
	<b>Fixed</b>	87.3 in	2217 mm
<b>C = Overall (with Dump Sub)</b>		366.7 in	9314 mm
<b>Weight</b>		5510 lbs	2499.3 kg

<b>Lobe Configuration</b>	6-7 Lobe 5.0 Stage	
<b>Displacement (NO LOAD)</b>	0.13 rev/gal	0.03 rev/l
<b>Max. Differential @ FULL LOAD</b>	828 psi	5,709 kPa
<b>Max. Torque</b>	14,011 ft-lbs	18,996 Nm
<b>Max. Power</b>	341 HP	255 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2,271	46 - 78
900	3,407	87 - 117
1,200	4,542	128 - 156



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

### ADJUSTABLE BUILD RATE: 9-5/8 in (244 mm) 6-7 Lobe 5.0 Stage SERIES 1

Hole Size	SLICK			STABILIZED		
	12-1/4 (311 mm)	16 (406 mm)	17-1/2 (445 mm)	12-1/4 (311 mm)	16 (406 mm)	17-1/2 (445 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
0.39	-	-	-	1.72	3.57	4.32
0.78	1.11	-	-	3.6	5.46	6.2
1.15	3.32	-	-	5.65	7.24	7.98
1.50	5.41	-	-	8.15	8.93	9.67
1.83	7.38	1.11	-	10.51	10.52	11.26
2.12	9.11	2.84	0.33	12.58	11.92	12.66
2.38	10.67	4.39	1.88	14.43	13.17	13.91
2.60	11.98	5.71	3.2	16.01	14.23	14.97
2.77	12.99	6.72	4.21	17.22	15.36	15.79
2.90	13.77	7.5	4.99	18.15	16.29	16.42
2.97	14.19	7.91	5.4	18.65	16.79	16.75
3.00	14.37	8.09	5.58	18.86	17	16.9

### FBH BUILD RATE: 9-5/8 in (244 mm) 6-7 Lobe 5.0 Stage SERIES 1

Hole Size	SLICK			STABILIZED		
	12-1/4 (311 mm)	16 (406 mm)	17-1/2 (445 mm)	12-1/4 (311 mm)	16 (406 mm)	17-1/2 (445 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
1.25	3.92	-	-	6.36	7.72	8.46
1.50	5.41	-	-	8.15	8.93	9.67
1.75	6.91	0.63	-	9.94	10.13	10.87
2.00	8.4	2.13	-	11.72	11.34	12.08

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.