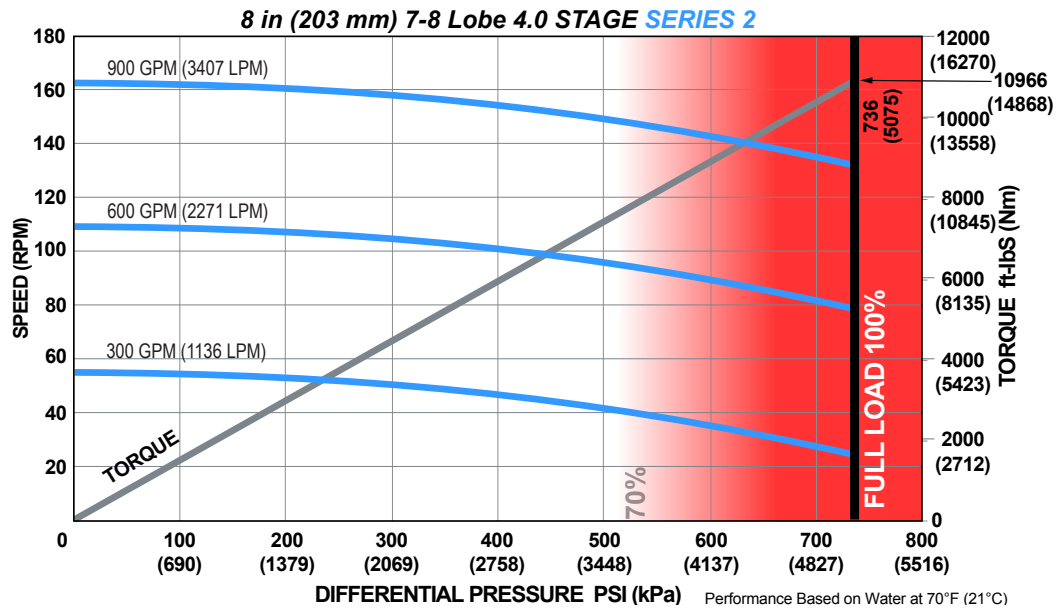


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<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>	<b>Adjustable</b>	16.87 in	428 mm
	<b>Fixed</b>	74.7 in	1897 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	60.1 in	1527 mm
	<b>Fixed</b>	60.1 in	1527 mm
<b>C = Overall (with Dump Sub)</b>		346.4 in	8799 mm
<b>Weight</b>		3626 lbs	1644.7 kg

<b>Lobe Configuration</b>	7-8 Lobe 4.0 Stage	
<b>Displacement (NO LOAD)</b>	0.18 rev/gal	0.05 rev/l
<b>Max. Differential @ FULL LOAD</b>	736 psi	5,075 kPa
<b>Max. Torque</b>	10,966 ft-lbs	14,868 Nm
<b>Max. Power</b>	278 HP	207 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1,136	25 - 54
600	2,271	79 - 108
900	3,407	133 - 162



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

**ADJUSTABLE BUILD RATE: 8 in (203 mm) 7-8 Lobe 4.0 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	-	-	-	1.23	1.65	2.55
0.78	1.82	0.24	-	3.28	3.7	4.6
1.15	4.17	2.6	-	6.02	5.64	6.54
1.50	6.4	4.82	1.41	8.64	8.23	8.38
1.83	8.5	6.92	3.5	11.11	10.7	10.11
2.12	10.34	8.76	5.35	13.29	12.87	11.97
2.38	11.99	10.42	7	15.23	14.82	13.92
2.60	13.39	11.82	8.4	16.88	16.46	15.56
2.77	14.47	12.9	9.48	18.15	17.74	16.84
2.90	15.3	13.72	10.31	19.13	18.71	17.81
2.97	15.74	14.17	10.75	19.65	19.23	18.33
3.00	15.93	14.36	10.94	19.87	19.46	18.56

**FBH BUILD RATE: 8 in (203 mm) 7-8 Lobe 4.0 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	4.17	2.28	-	6.43	6.52	7.42
1.50	5.76	3.87	-	8.23	7.9	8.8
1.75	7.35	5.46	1.35	10.03	9.62	10.19
2.00	8.94	7.05	2.94	11.83	11.42	11.57

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.