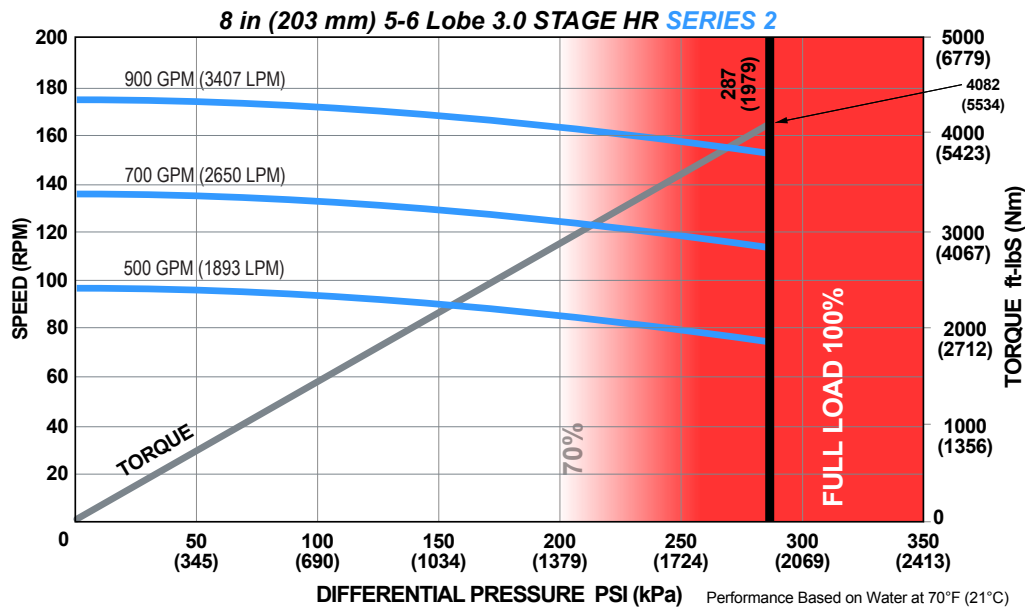


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	162510 lbf	72290 daN
	<b>Static</b>	573485 lbf	255100 daN
<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>		251.9 in	6398 mm
<b>Weight</b>		2642 lbs	1198.4 kg

<b>Lobe Configuration</b>	5-6 Lobe 3.0 Stage	
<b>Displacement (NO LOAD)</b>	0.19 rev/gal	0.05 rev/l
<b>Max. Differential @ FULL LOAD</b>	287 psi	1,979 kPa
<b>Max. Torque</b>	4,082 ft-lbs	5,534 Nm
<b>Max. Power</b>	110 HP	82 kW

Flow Rate		Speed
GPM	LPM	RPM
500	1,893	65 - 96
700	2,650	104 - 135
900	3,407	142 - 174



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

**ADJUSTABLE BUILD RATE: 8 in (203 mm) 5-6 Lobe 3.0 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)
BEND ANGLE	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
0.39	-	-	-	1.85	2.64	4.35
0.78	2.47	0.33	-	4.39	5.19	6.9
1.15	5.67	3.53	-	8.28	7.6	9.31
1.50	8.69	6.55	1.91	12.05	11.26	11.6
1.83	11.54	9.4	4.76	15.61	14.82	13.75
2.12	14.04	11.9	7.26	18.74	17.94	16.23
2.38	16.29	14.15	9.51	21.54	20.75	19.03
2.60	18.19	16.05	11.41	23.91	23.12	21.4
2.77	19.65	17.51	12.87	25.74	24.95	23.24
2.90	20.78	18.64	14	27.14	26.35	24.64
2.97	21.38	19.24	14.6	27.9	27.11	25.39
3.00	21.64	19.5	14.86	28.22	27.43	25.72

**FBH BUILD RATE: 8 in (203 mm) 5-6 Lobe 3.0 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)
BEND ANGLE	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
1.25	5.67	3.09	-	8.72	8.92	10.64
1.50	7.83	5.25	-	11.28	10.69	12.4
1.75	9.98	7.41	1.83	13.85	13.05	14.17
2.00	12.14	9.57	3.99	16.41	15.62	15.93

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.