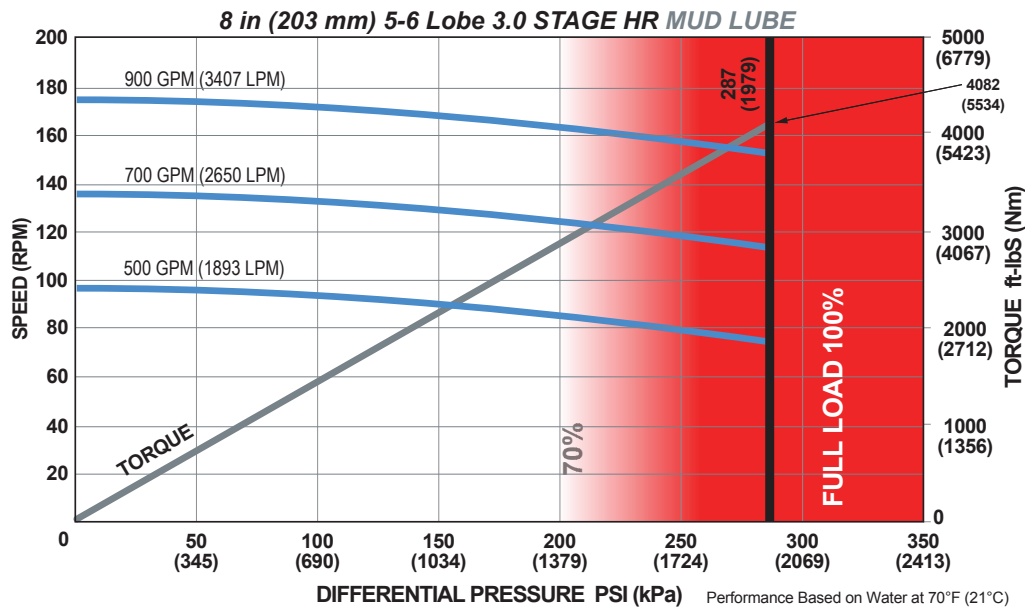


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<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>		251.7 in	6393 mm
<b>Weight</b>		1929.2 lbs	875.1 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 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	-	-	-	2.64	3.45	5.22
0.78	2.48	0.34	-	5.47	6.07	7.84
1.15	5.68	3.54	-	9.39	8.58	10.32
1.50	8.71	6.57	1.94	13.11	12.29	12.67
1.83	11.56	9.42	4.79	16.61	15.80	14.88
2.12	14.06	11.93	7.29	19.69	18.87	17.11
2.38	16.31	14.17	9.54	22.45	21.63	19.86
2.60	18.21	16.07	11.44	24.78	23.96	22.20
2.77	19.68	17.54	12.91	26.58	25.77	24.00
2.90	20.80	18.66	14.03	27.96	27.14	25.38
2.97	21.41	19.27	14.64	28.70	27.89	26.12
3.00	21.67	19.53	14.90	29.02	28.20	26.44

### FBH BUILD RATE: 8 in (203 mm) 5-6 Lobe 3.0 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	5.66	3.08	-	9.69	9.93	11.70
1.50	7.82	5.24	-	12.21	11.75	13.52
1.75	9.99	7.41	1.81	14.72	13.90	15.33
2.00	12.15	9.57	3.98	17.23	16.41	17.15
2.25	14.31	11.73	6.14	19.74	18.92	18.97
2.50	16.47	13.89	8.30	22.25	21.44	20.79

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.