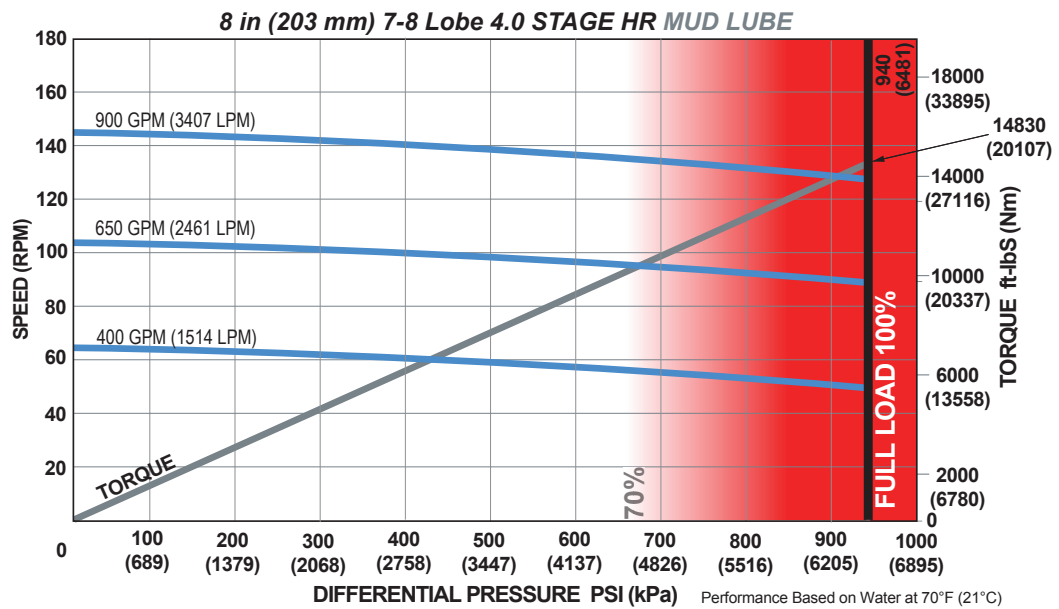


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<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>		346.2 in	8793 mm
<b>Weight</b>		2913.2 lbs	1321.4 kg

<b>Lobe Configuration</b>	7-8 Lobe 4.0 Stage HR	
<b>Displacement (NO LOAD)</b>	0.16 rev/gal	0.04 rev/l
<b>Max. Differential @ FULL LOAD</b>	940 psi	6,481 kPa
<b>Max. Torque</b>	14,830 ft-lbs	20,107 Nm
<b>Max. Power</b>	361 HP	270 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1,136	48 - 64
600	2,271	88 - 104
900	3,407	128 - 144



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 HR 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	-	-	-	1.72	2.15	3.07
0.78	1.83	0.25	-	3.90	4.24	5.16
1.15	4.18	2.61	-	6.63	6.22	7.14
1.50	6.41	4.84	1.43	9.22	8.80	9.02
1.83	8.51	6.94	3.53	11.66	11.24	10.79
2.12	10.35	8.78	5.37	13.80	13.38	12.46
2.38	12.01	10.43	7.02	15.72	15.30	14.38
2.60	13.41	11.83	8.42	17.35	16.93	16.01
2.77	14.49	12.91	9.50	18.61	18.18	17.26
2.90	15.31	13.74	10.33	19.57	19.14	18.22
2.97	15.76	14.19	10.78	20.08	19.66	18.74
3.00	15.95	14.38	10.97	20.30	19.88	18.96

### FBH BUILD RATE: 8 in (203 mm) 7-8 Lobe 4.0 Stage HR 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	4.17	2.27	-	6.99	7.13	8.05
1.50	5.76	3.86	-	8.76	8.54	9.46
1.75	7.35	5.45	1.34	10.54	10.11	10.87
2.00	8.94	7.04	2.93	12.31	11.89	12.29
2.25	10.53	8.63	4.52	14.08	13.66	13.70
2.50	12.12	10.22	6.11	15.86	15.43	15.11

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.