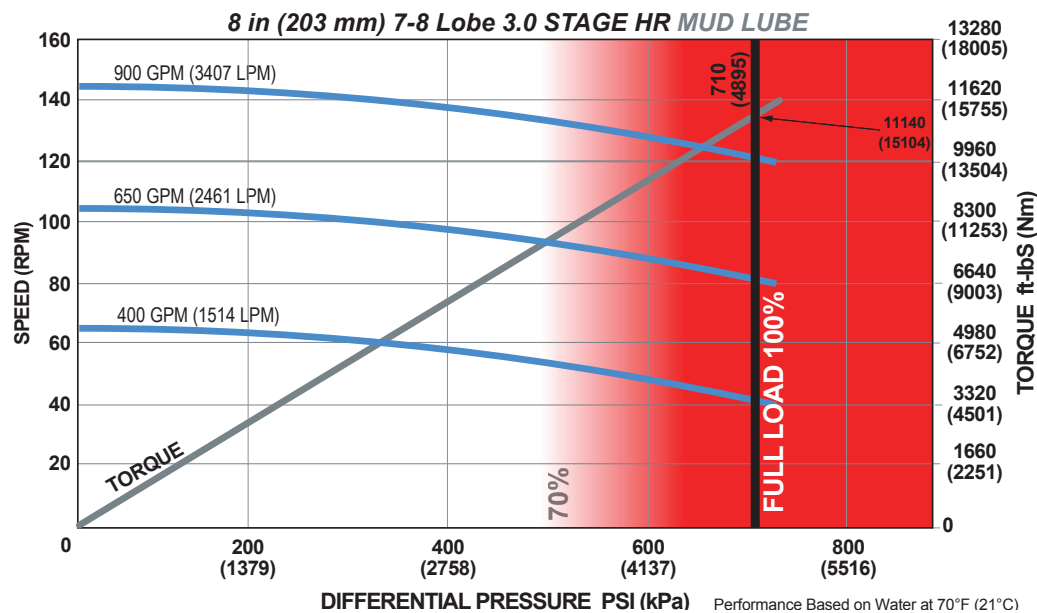


<b>Bit Size Range</b>		9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>		6-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	145951 lbf	64920 daN
	<b>Static</b>	534312 lbf	237670 daN
<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>		300.2 in	7625 mm
<b>Weight</b>		2591.2 lbs	1175.3 kg

<b>Lobe Configuration</b>	7-8 Lobe 3.0 Stage HR	
<b>Displacement (NO LOAD)</b>	0.16 rev/gal	0.04 rev/l
<b>Max. Differential @ FULL LOAD</b>	491 psi	3,385 kPa
<b>Max. Torque</b>	7,928 ft-lbs	10,749 Nm
<b>Max. Power</b>	181 HP	135 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1,136	21 - 48
600	2,271	71 - 97
900	3,407	120 - 146



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 3.0 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)		
<b>0.39</b>	-	-	-	2.08	2.65	3.88
<b>0.78</b>	2.10	0.29	-	4.53	4.97	6.20
<b>1.15</b>	4.80	2.99	-	7.74	7.17	8.41
<b>1.50</b>	7.35	5.55	1.64	10.77	10.21	10.49
<b>1.83</b>	9.76	7.96	4.05	13.64	13.07	12.45
<b>2.12</b>	11.88	10.07	6.16	16.15	15.58	14.35
<b>2.38</b>	13.78	11.97	8.06	18.41	17.84	16.61
<b>2.60</b>	15.38	13.58	9.66	20.31	19.74	18.51
<b>2.77</b>	16.62	14.82	10.90	21.79	21.22	19.99
<b>2.90</b>	17.57	15.76	11.85	22.91	22.35	21.11
<b>2.97</b>	18.08	16.28	12.36	23.52	22.95	21.72
<b>3.00</b>	18.30	16.49	12.58	23.78	23.21	21.98

### FBH BUILD RATE: 8 in (203 mm) 7-8 Lobe 3.0 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)		
<b>1.25</b>	4.78	2.60	-	8.08	8.26	9.49
<b>1.50</b>	6.61	4.43	-	10.15	9.85	11.08
<b>1.75</b>	8.43	6.25	1.53	12.22	11.66	12.67
<b>2.00</b>	10.26	8.08	3.36	14.29	13.73	14.25
<b>2.25</b>	12.08	9.90	5.18	16.36	15.80	15.84
<b>2.50</b>	13.91	11.73	7.01	18.43	17.86	17.43

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.