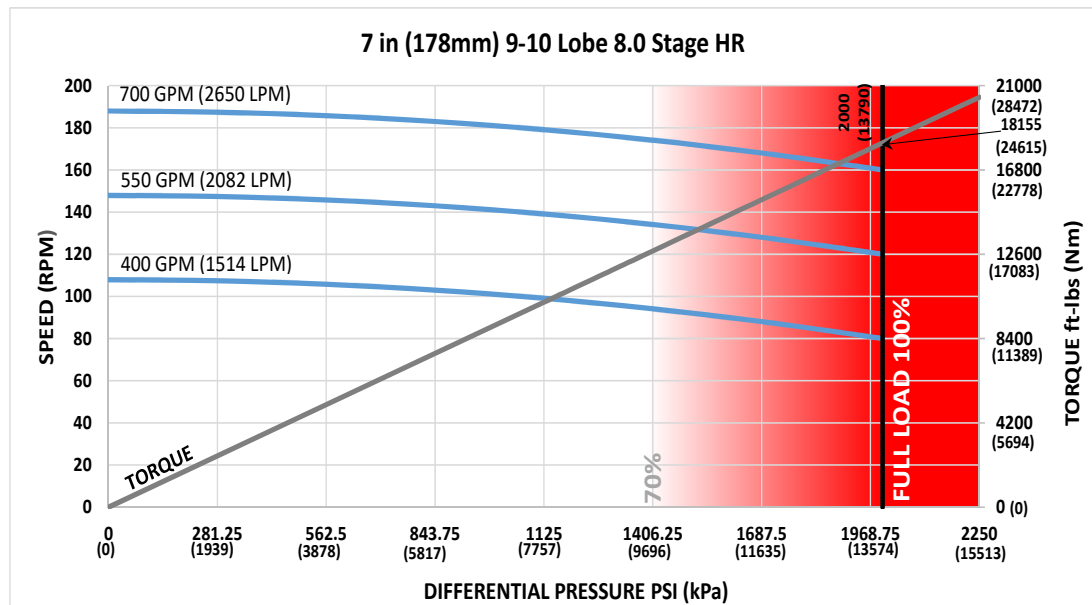




<b>Bit Size Range</b>	8-1/2 - 9-7/8 in	216 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	151925 lbf	67600 daN
<b>Static Bearing Load On/Off Bottom</b>	509765 lbf	226800 daN
<b>Max. Overpull (For Re-run)</b>	509765 lbf	226800 daN
<b>Absolute Overpull</b>	742200 lbf	330100 daN
<b>Adjustable Makeup Torque</b>	32000 ft-lbs	43400 Nm
<b>Stab/Thread Protector Makeup Torque</b>	15000 ft-lbs	20300 Nm
<b>A = Bit to Stablizer (Centre)</b>	16 in	406 mm
<b>B = Bit to Bend</b>	Adjustable	68 in / 1727 mm
	Fixed	56 in / 1422 mm
<b>C = Overall (With Dump Sub)</b>	391 in	9931 mm
<b>Weight</b>	2595 lbs	1177 kg

<b>Lobe Configuration</b>	9-10 Lobe 8 Stage HR	
<b>Displacement (No Load)</b>	0.26 rev/gal	0.07 rev/l
<b>Max. Differential (Full Load)</b>	1880 psi	12962 kPa
<b>Max. Torque</b>	17110 ft-lbs	23198 Nm
<b>Max. Power</b>	430 HP	321 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	55 - 80
450	1703	94 - 115
600	2271	132 - 150



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

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	3.1	2.5	-	-	3.1	2.5	2.7	-
0.78	5.6	5.0	2.4	-	5.6	5.0	4.9	-
1.15	8.0	7.4	4.8	-	8.0	7.4	6.9	-
1.50	10.2	9.7	7.0	-	10.2	9.7	8.8	-
1.83	12.4	11.8	9.2	-	12.4	11.8	10.6	-
2.12	14.2	13.6	11.0	-	14.2	13.6	12.2	-
2.38	15.9	15.3	12.7	-	15.9	15.3	13.6	-
2.60	17.3	16.7	14.1	-	17.3	16.7	14.8	-
2.77	18.4	17.8	15.2	-	18.4	17.8	15.8	-
2.90	19.2	18.7	16.0	-	19.2	18.7	16.5	-
2.97	19.7	19.1	16.5	-	19.7	19.1	16.9	-
3.00	19.9	19.3	16.7	-	19.9	19.3	17.0	-

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	-
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	6.0	5.3	2.2	-	7.0	7.1	7.7	-
1.50	7.6	6.9	3.8	-	8.4	8.6	9.2	-
1.75	9.2	8.5	5.5	-	9.8	10.0	10.6	-
2.00	10.8	10.2	7.1	-	11.3	11.4	12.0	-
2.25	12.5	11.8	8.7	-	12.7	12.8	13.4	-
2.50	14.1	13.4	10.3	-	14.1	14.2	14.8	-

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.