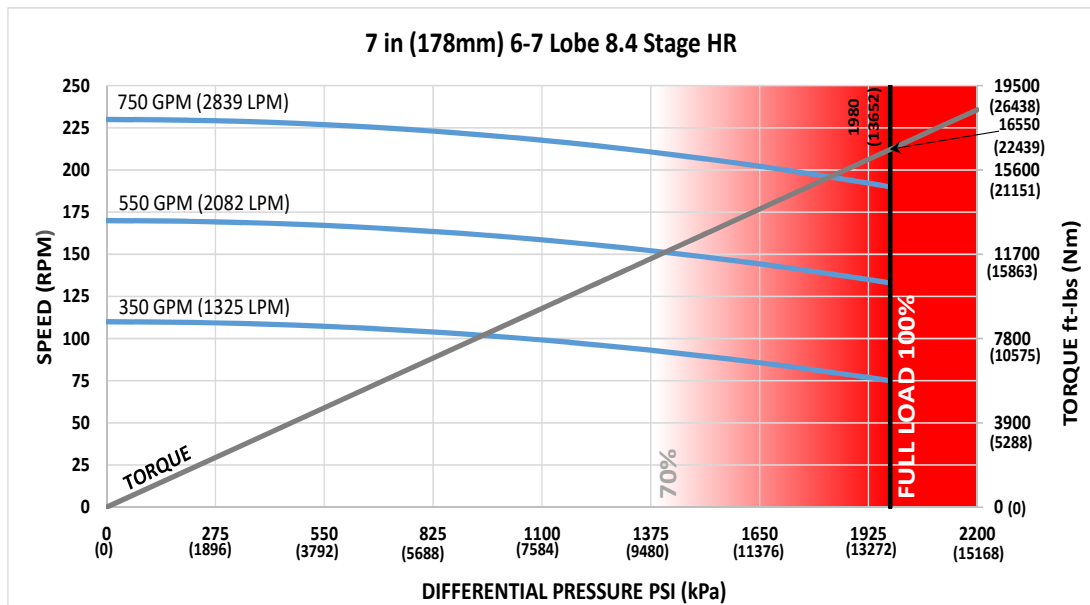




Bit Size Range	8-1/2 - 9-7/8 in	216 - 251 mm
Bit Box Connection	4-1/2 REGULAR	
Dynamic Bearing Load On/Off Bottom	151925 lbf	67600 daN
Static Bearing Load On/Off Bottom	509765 lbf	226800 daN
Max. Overpull (For Re-run)	509765 lbf	226800 daN
Absolute Overpull	742200 lbf	330100 daN
Adjustable Makeup Torque	32000 ft-lbs	43400 Nm
Stab/Thread Protector Makeup Torque	15000 ft-lbs	20300 Nm
A = Bit to Stabilizer (Centre)	16 in	406 mm
B = Bit to Bend	Adjustable 68 in	1727 mm
	Fixed 56 in	1422 mm
C = Overall (With Dump Sub)	406 in	10312 mm
Weight	2655 lbs	1204 kg

Lobe Configuration	6-7 Lobe 8.4 Stage HR	
Displacement (No Load)	0.3 rev/gal	0.08 rev/l
Max. Differential (Full Load)	1980 psi	13652 kPa
Max. Torque	16550 ft-lbs	22439 Nm
Max. Power	599 HP	446 kW

Flow Rate		Speed
GPM	LPM	RPM
350	1325	75 - 110
550	2082	133 - 170
750	2839	190 - 230



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)	-
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	2.9	2.4	-	-	2.9	2.4	2.6	-
0.78	5.4	4.8	2.3	-	5.4	4.8	4.7	-
1.15	7.6	7.1	4.6	-	7.6	7.1	6.6	-
1.50	9.8	9.2	6.7	-	9.8	9.2	8.5	-
1.83	11.8	11.3	8.8	-	11.8	11.3	10.2	-
2.12	13.6	13.1	10.6	-	13.6	13.1	11.8	-
2.38	15.2	14.7	12.2	-	15.2	14.7	13.1	-
2.60	16.6	16.0	13.5	-	16.6	16.0	14.3	-
2.77	17.7	17.1	14.6	-	17.7	17.1	15.2	-
2.90	18.5	17.9	15.4	-	18.5	17.9	15.9	-
2.97	18.9	18.3	15.8	-	18.9	18.3	16.3	-
3.00	19.1	18.5	16.0	-	19.1	18.5	16.4	-

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)	-
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	5.8	5.1	2.1	-	6.7	6.9	7.4	-
1.50	7.3	6.7	3.7	-	8.1	8.2	8.8	-
1.75	8.9	8.2	5.2	-	9.5	9.6	10.2	-
2.00	10.4	9.7	6.8	-	10.9	11.0	11.5	-
2.25	12.0	11.3	8.3	-	12.2	12.4	12.9	-
2.50	13.5	12.8	9.9	-	13.6	13.7	14.3	-

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.