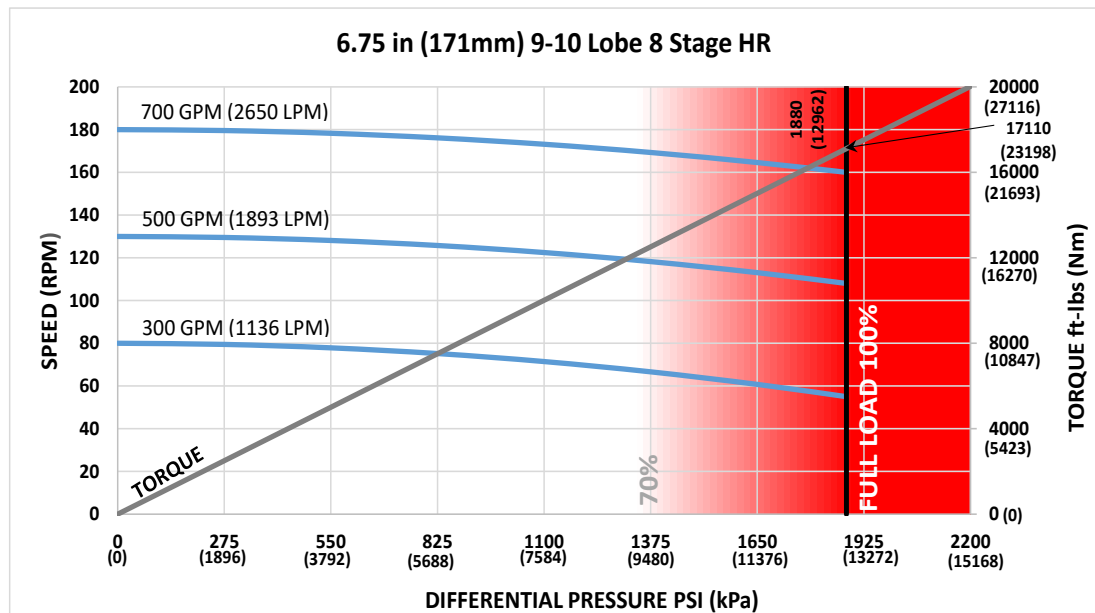


Bit Size Range	8-1/2 - 9-7/8 in	216 - 251 mm
Bit Box Connection	4-1/2 REGULAR	
Dynamic Bearing Load On/Off Bottom	100357 lbf	44600 daN
Static Bearing Load On/Off Bottom	355612 lbf	158200 daN
Max. Overpull (For Re-run)	432800 lbf	192500 daN
Absolute Overpull	721400 lbf	320900 daN
Adjustable Makeup Torque	25000 ft-lbs	33900 Nm
Stab/Thread Protector Makeup Torque	12000 ft-lbs	16300 Nm
A = Bit to Stabilizer (Centre)	21.1 in	536 mm
B = Bit to Bend	Adjustable	66.7 in
	Fixed	54.6 in
C = Overall (With Dump Sub)	389.7 in	9898 mm
Weight	2806 lbs	1273 kg

Lobe Configuration	9-10 Lobe 8.0 Stage HR	
Displacement (No Load)	0.26 rev/gal	0.07 rev/l
Max. Differential (Full Load)	1880 psi	12962 kPa
Max. Torque	17110 ft-lbs	23198 Nm
Max. Power	521 HP	389 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	55 - 80
500	1893	108 - 130
700	2650	160 - 180



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	3.1	2.5	-	-	3.1	2.5	3.0	-
0.78	5.6	5.0	2.4	-	5.6	5.0	5.1	-
1.15	8.0	7.4	4.7	-	8.0	7.4	7.2	-
1.50	10.3	9.7	7.0	-	10.3	9.7	9.2	-
1.83	12.4	11.8	9.1	-	12.4	11.8	11.0	-
2.12	14.3	13.7	11.0	-	14.3	13.7	12.6	-
2.38	16.0	15.4	12.7	-	16.0	15.4	14.1	-
2.60	17.4	16.8	14.1	-	17.4	16.8	15.3	-
2.77	18.5	17.9	15.2	-	18.5	17.9	16.3	-
2.90	19.3	18.7	16.0	-	19.3	18.7	17.0	-
2.97	19.8	19.2	16.5	-	19.8	19.2	17.4	-
3.00	20.0	19.4	16.7	-	20.0	19.4	17.6	-

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	6.0	5.3	2.1	-	7.3	7.4	8.1	-
1.50	7.6	6.9	3.7	-	8.8	8.9	9.5	-
1.75	9.2	8.5	5.3	-	10.2	10.4	11.0	-
2.00	10.8	10.1	7.0	-	11.7	11.8	12.4	-
2.25	12.4	11.7	8.6	-	13.1	13.3	13.9	-
2.50	14.1	13.4	10.2	-	14.6	14.7	15.3	-

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.