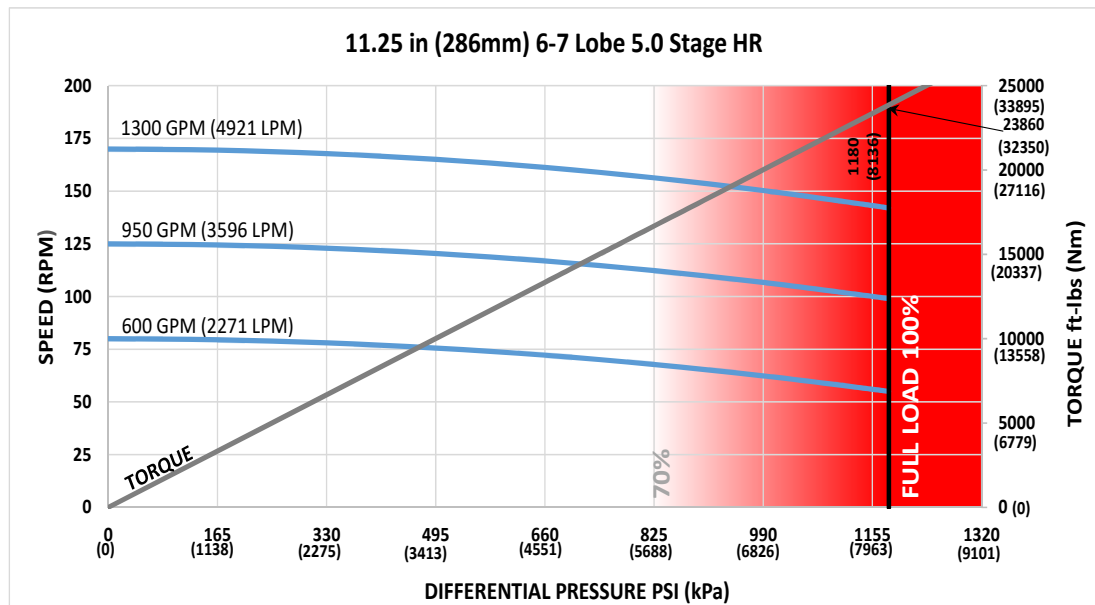




Bit Size Range	16 - 36 in	406 - 914 mm
Bit Box Connection	7-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	232226 lbf	103300 daN
Static Bearing Load On/Off Bottom	1202590 lbf	534900 daN
Max. Overpull (For Re-run)	1065400 lbf	473900 daN
Absolute Overpull	1775700 lbf	789900 daN
Adjustable Makeup Torque	75000 ft-lbs	101700 Nm
Stab/Thread Protector Makeup Torque	50000 ft-lbs	67800 Nm
A = Bit to Stabilizer (Centre)	27.8 in	706 mm
B = Bit to Bend	Adjustable 94.5 in	2400 mm
	Fixed in	0 mm
C = Overall (With Dump Sub)	385.3 in	9787 mm
Weight	8710 lbs	3951 kg

Lobe Configuration	6-7 Lobe 5.0 Stage HR	
Displacement (No Load)	0.13 rev/gal	0.03 rev/l
Max. Differential (Full Load)	1180 psi	8136 kPa
Max. Torque	23860 ft-lbs	32350 Nm
Max. Power	645 HP	481 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	55 - 80
950	3596	99 - 125
1300	4921	142 - 170



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

ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	16 (406mm)	17-1/2 (445mm)	24 (610mm)	36 (914mm)	16 (406mm)	17-1/2 (445mm)	24 (610mm)	36 (914mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	-	-	-	-
0.78	-	-	-	-	6.1	7.0	-	-
1.15	0.6	-	-	-	8.1	8.9	12.8	-
1.50	2.9	0.4	-	-	9.9	10.8	14.6	-
1.83	5.1	2.6	-	-	11.6	12.5	16.3	-
2.12	7.0	4.5	-	-	13.1	14.0	17.8	-
2.38	8.7	6.2	-	-	14.5	15.3	19.2	26.3
2.60	10.2	7.7	-	-	15.6	16.5	20.3	27.4
2.77	11.3	8.8	-	-	16.5	17.4	21.2	28.3
2.90	12.2	9.6	-	-	17.2	18.1	21.9	29.0
2.97	12.6	10.1	-	-	17.5	18.4	22.3	29.3
3.00	12.8	10.3	-	-	17.7	18.6	22.4	29.5

Note: Stabilizers are 1/8" undergauge

FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	16 (406mm)	17-1/2 (445mm)	24 (610mm)	36 (914mm)	16 (406mm)	17-1/2 (445mm)	24 (610mm)	36 (914mm)
BEND ANGLE	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
1.25	NOT CURRENTLY AVAILABLE							
1.50								
1.75								
2.00								
2.25								
2.50								

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.