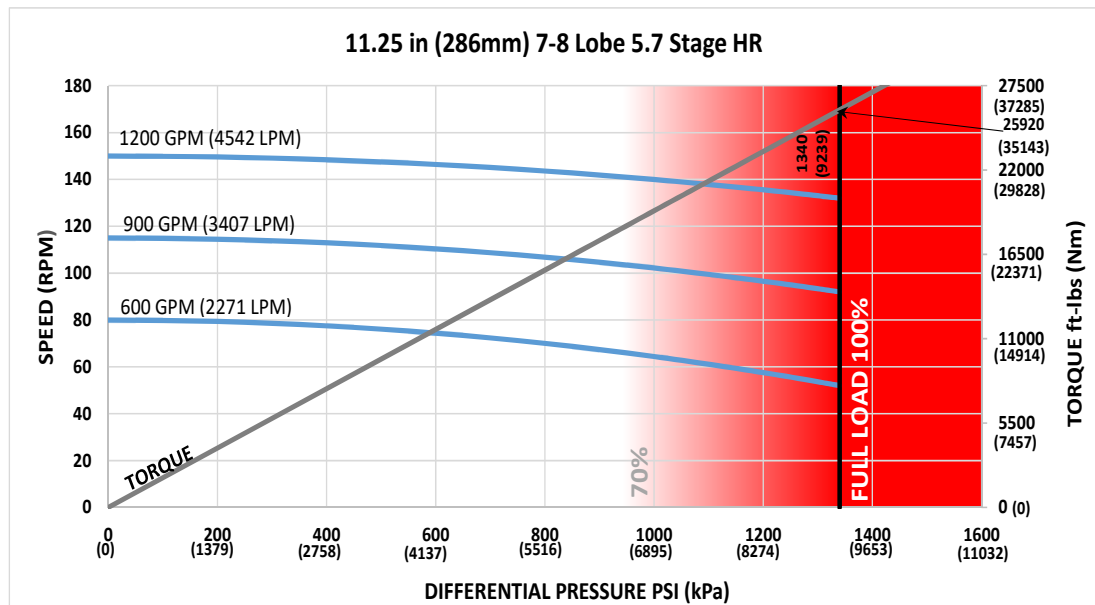




Bit Size Range	16 - 36 in	406 - 914 mm
Bit Box Connection	7-5/8 REGULAR	
Dynamic Bearing Load On/Off Bottom	232226 lbf	103300 daN
Static Bearing Load On/Off Bottom	1202590 lbf	534900 daN
Max. Overpull (For Re-run)	1065400 lbf	473900 daN
Absolute Overpull	1775700 lbf	789900 daN
Adjustable Makeup Torque	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	N/A / N/A
C = Overall (With Dump Sub)	407.3 in	10345 mm
Weight	9017 lbs	4090 kg

Lobe Configuration	7-8 Lobe 5.7 Stage HR	
Displacement (No Load)	0.13 rev/gal	0.03 rev/l
Max. Differential (Full Load)	1340 psi	9239 kPa
Max. Torque	25920 ft-lbs	35143 Nm
Max. Power	651 HP	486 kW

Flow Rate		Speed
GPM	LPM	RPM
600	2271	52 - 80
900	3407	92 - 115
1200	4542	132 - 150



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)	26 (660mm)	36 (914mm)	16 (406mm)	17-1/2 (445mm)	26 (660mm)	36 (914mm)
BEND ANGLE	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	-	-	-	-
0.78	-	-	-	-	5.7	6.5	-	-
1.15	0.6	-	-	-	7.5	8.3	-	-
1.50	2.8	0.4	-	-	9.3	10.1	14.5	-
1.83	4.8	2.4	-	-	10.9	11.7	16.1	-
2.12	6.6	4.2	-	-	12.4	13.2	17.6	-
2.38	8.2	5.9	-	-	13.7	14.5	18.9	24.1
2.60	9.6	7.2	-	-	14.8	15.6	20.0	25.2
2.77	10.6	8.3	-	-	15.6	16.4	20.8	26.0
2.90	11.5	9.1	-	-	16.3	17.1	21.5	26.7
2.97	11.9	9.5	-	-	16.6	17.4	21.8	27.0
3.00	12.1	9.7	-	-	16.8	17.6	22.0	27.2

Note: Stabilizers are 1/8" undergauge

FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	16 (406mm)	17-1/2 (445mm)	26 (660mm)	36 (914mm)	16 (406mm)	17-1/2 (445mm)	26 (660mm)	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.