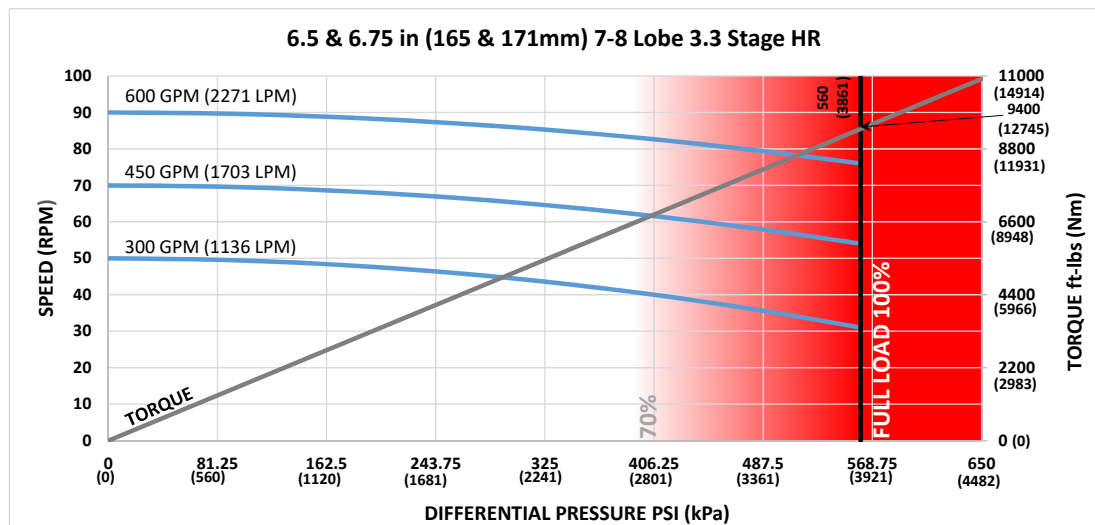




<b>Bit Size Range</b>	7-7/8 - 9-7/8 in	200 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	94460 lbf	42000 daN
<b>Static Bearing Load On/Off Bottom</b>	425874 lbf	189400 daN
<b>Max. Overpull (For Re-run)</b>	376900 lbf	167700 daN
<b>Absolute Overpull</b>	628200 lbf	279400 daN
<b>Adjustable Makeup Torque</b>	25000 ft-lbs	33900 Nm
<b>Stab/Thread Protector Makeup Torque</b>	12000 ft-lbs	16300 Nm
<b>A = Bit to Stabilizer (Centre)</b>	17.61 in	447 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b> 67.87 in <b>Fixed</b> 52.98 in	1724 mm 1346 mm
<b>C = Overall (With Dump Sub)</b>	367.76 in	9341 mm
<b>Weight</b>	2370 lbs	1075 kg

<b>Lobe Configuration</b>	7-8 Lobe 3.3 Stage HR	
<b>Displacement (No Load)</b>	0.15 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	560 psi	3861 kPa
<b>Max. Torque</b>	9400 ft-lbs	12745 Nm
<b>Max. Power</b>	136 HP	101 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	31 - 50
450	1703	54 - 70
600	2271	76 - 90



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

**ADJUSTABLE BUILD RATE**

Hole Size	SLICK				STABILIZED			
	7-7/8 (200mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	##-##/## (## mm)	##-##/## (## mm)	##-##/## (## mm)	##-##/## (## mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
0.39	0.3	-	-	-	1.9	2.2	2.4	-
0.78	3.0	1.4	0.8	-	4.1	4.5	4.7	5.3
1.15	5.5	4.0	3.3	0.5	6.3	6.6	6.8	7.5
1.50	7.9	6.4	5.7	2.9	8.3	8.7	8.8	9.5
1.83	10.2	8.6	8.0	5.2	10.2	10.6	10.7	11.4
2.12	12.2	10.6	10.0	7.2	12.2	12.3	12.4	13.1
2.38	14.0	12.4	11.8	9.0	14.0	13.8	13.9	14.6
2.60	15.5	13.9	13.3	10.5	15.5	15.0	15.2	15.9
2.77	16.6	15.1	14.5	11.7	16.6	16.0	16.2	16.9
2.90	17.5	16.0	15.3	12.5	17.5	16.8	16.9	17.6
2.97	18.0	16.4	15.8	13.0	18.0	17.2	17.3	18.0
3.00	18.2	16.7	16.0	13.2	18.2	17.4	17.5	18.2

Note: Stabilizers are 1/8" undergauge

**FBH BUILD RATE**

Hole Size	SLICK				STABILIZED			
	7-7/8 (200mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	7-7/8 (200mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
1.25	5.7	3.7	3.0	-	7.2	7.6	7.8	8.5
1.50	7.4	5.5	4.7	1.2	8.8	9.1	9.3	10.0
1.75	9.1	7.2	6.4	2.9	10.3	10.7	10.8	11.5
2.00	10.8	8.9	8.1	4.7	11.8	12.2	12.4	13.0
2.25	12.5	10.6	9.8	6.4	13.3	13.7	13.9	14.6
2.50	14.2	12.3	11.6	8.1	14.9	15.3	15.4	16.1

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.