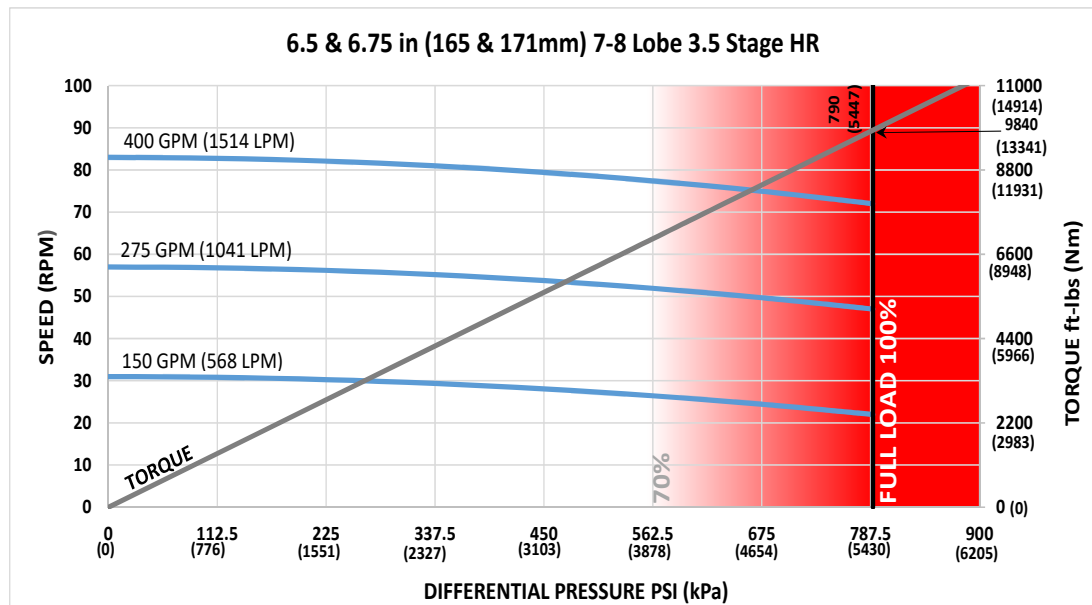




<b>Bit Size Range</b>	7-7/8 - 9-7/8 in	200 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	131700 lbf	58600 daN
<b>Static Bearing Load On/Off Bottom</b>	420400 lbf	187000 daN
<b>Max. Overpull (For Re-run)</b>	328000 lbf	145900 daN
<b>Absolute Overpull</b>	546000 lbf	242900 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>	16.45 in	418 mm
<b>B = Bit to Bend</b>	Adjustable	67.87 in / 1724 mm
	Fixed	52.97 in / 1345 mm
<b>C = Overall (With Dump Sub)</b>	354 in	8992 mm
<b>Weight</b>	2586 lbs	1173 kg

<b>Lobe Configuration</b>	7-8 Lobe 3.5 Stage HR	
<b>Displacement (No Load)</b>	0.208 rev/gal	0.05 rev/l
<b>Max. Differential (Full Load)</b>	790 psi	5447 kPa
<b>Max. Torque</b>	9840 ft-lbs	13341 Nm
<b>Max. Power</b>	135 HP	101 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	22 - 31
275	1041	47 - 57
400	1514	72 - 83



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)	7-7/8 (200mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	0.4	-	-	-	2.1	2.5	2.7	-
0.78	3.2	1.5	0.8	-	4.4	4.8	5.0	5.8
1.15	5.8	4.2	3.5	0.5	6.7	7.1	7.2	8.0
1.50	8.3	6.7	6.0	3.0	8.8	9.2	9.3	10.1
1.83	10.7	9.0	8.3	5.3	10.8	11.2	11.3	12.1
2.12	12.8	11.1	10.4	7.4	12.8	12.9	13.1	13.8
2.38	14.6	12.9	12.3	9.2	14.6	14.5	14.6	15.4
2.60	16.2	14.5	13.8	10.8	16.2	15.8	16.0	16.7
2.77	17.4	15.7	15.1	12.0	17.4	16.8	17.0	17.7
2.90	18.3	16.7	16.0	13.0	18.3	17.6	17.8	18.5
2.97	18.8	17.2	16.5	13.5	18.8	18.0	18.2	18.9
3.00	19.1	17.4	16.7	13.7	19.1	18.2	18.4	19.1

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 (30m)				Degrees per 100 Feet (30m)			
1.25	6.1	4.1	3.3	-	7.6	8.0	8.2	8.9
1.50	7.9	5.9	5.1	1.5	9.2	9.6	9.8	10.5
1.75	9.7	7.7	6.9	3.3	10.8	11.2	11.3	12.1
2.00	11.4	9.4	8.6	5.0	12.3	12.7	12.9	13.7
2.25	13.2	11.2	10.4	6.8	13.9	14.3	14.5	15.2
2.50	15.0	13.0	12.2	8.6	15.5	15.9	16.1	16.8

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.