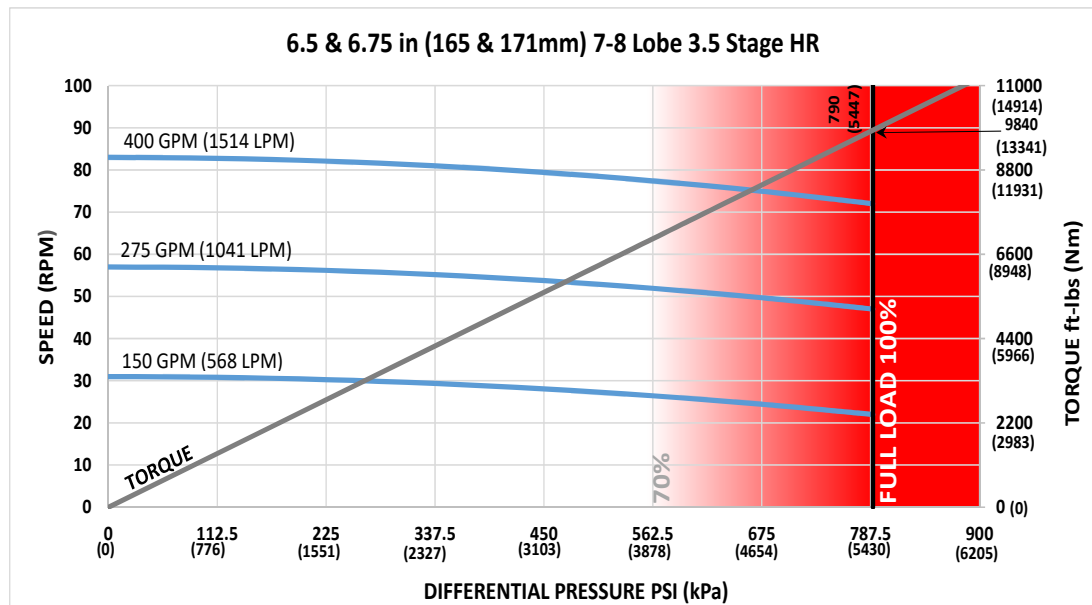


<b>Bit Size Range</b>	7-7/8 - 9-7/8 in	200 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	128500 lbf	57200 daN
<b>Static Bearing Load On/Off Bottom</b>	404500 lbf	179900 daN
<b>Max. Overpull (For Re-run)</b>	406900 lbf	181000 daN
<b>Absolute Overpull</b>	678200 lbf	301700 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>	16.3 in	414 mm
<b>B = Bit to Bend</b>	Adjustable	73 in / 1854 mm
	Fixed	61.1 in / 1552 mm
<b>C = Overall (With Dump Sub)</b>	362.4 in	9205 mm
<b>Weight</b>	2654 lbs	1204 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	1.2	-	-	-	2.0	2.3	2.5	-
0.78	4.0	2.5	1.9	-	4.2	4.6	4.7	5.4
1.15	6.5	5.1	4.5	1.8	6.5	6.7	6.9	7.6
1.50	9.0	7.5	6.9	4.2	9.0	8.7	8.9	9.6
1.83	11.3	9.8	9.2	6.5	11.3	10.6	10.7	11.5
2.12	13.3	11.8	11.2	8.5	13.3	12.2	12.4	13.1
2.38	15.1	13.6	13.0	10.4	15.1	13.7	13.9	14.6
2.60	16.6	15.2	14.6	11.9	16.6	15.2	15.2	15.9
2.77	17.8	16.3	15.8	13.1	17.8	16.3	16.1	16.8
2.90	18.7	17.3	16.7	14.0	18.7	17.3	16.9	17.6
2.97	19.2	17.7	17.1	14.5	19.2	17.7	17.3	18.0
3.00	19.4	17.9	17.4	14.7	19.4	17.9	17.4	18.1

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	6.9	5.2	4.5	1.4	7.2	7.6	7.8	8.5
1.50	8.7	6.9	6.3	3.1	8.7	9.1	9.2	10.0
1.75	10.4	8.7	8.0	4.9	10.4	10.6	10.7	11.5
2.00	12.2	10.4	9.7	6.6	12.2	12.1	12.2	12.9
2.25	13.9	12.2	11.5	8.4	13.9	13.6	13.7	14.4
2.50	15.6	13.9	13.2	10.1	15.6	15.1	15.2	15.9

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.