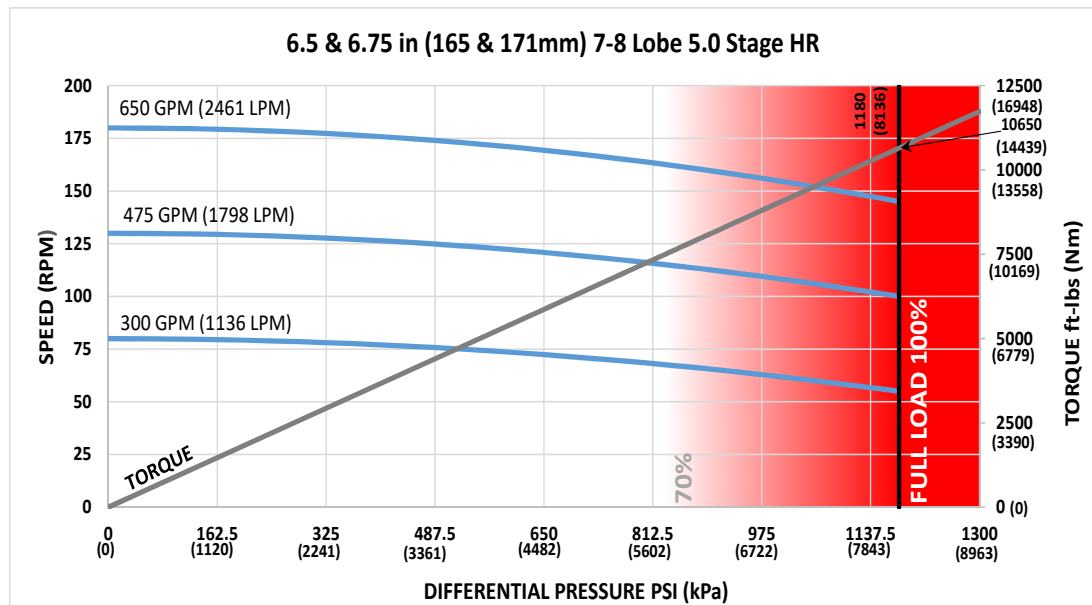




<b>Bit Size Range</b>	7-7/8 - 9-7/8 in	200 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	128500 lbf	57200 daN
<b>Static Bearing Load On/Off Bottom</b>	404500 lbf	179900 daN
<b>Max. Overpull (For Re-run)</b>	406900 lbf	181000 daN
<b>Absolute Overpull</b>	678200 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>	325.6 in	8270 mm
<b>Weight</b>	2382 lbs	1080 kg

<b>Lobe Configuration</b>	7-8 Lobe 5 Stage HR	
<b>Displacement (No Load)</b>	0.27 rev/gal	0.07 rev/l
<b>Max. Differential (Full Load)</b>	1180 psi	8136 kPa
<b>Max. Torque</b>	10650 ft-lbs	14439 Nm
<b>Max. Power</b>	294 HP	219 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	55 - 80
475	1798	100 - 130
650	2461	145 - 180



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	1.4	-	-	-	2.2	2.7	2.9	-
0.78	4.5	2.8	2.2	-	4.6	5.1	5.3	6.2
1.15	7.4	5.7	5.0	2.1	7.4	7.4	7.6	8.5
1.50	10.1	8.4	7.8	4.8	10.1	9.6	9.8	10.7
1.83	12.7	11.0	10.4	7.4	12.7	11.7	11.9	12.8
2.12	14.9	13.3	12.6	9.6	14.9	13.5	13.7	14.6
2.38	17.0	15.3	14.6	11.7	17.0	15.3	15.3	16.2
2.60	18.7	17.0	16.4	13.4	18.7	17.0	16.7	17.6
2.77	20.0	18.4	17.7	14.7	20.0	18.4	17.7	18.6
2.90	21.0	19.4	18.7	15.7	21.0	19.4	18.7	19.4
2.97	21.6	19.9	19.2	16.3	21.6	19.9	19.2	19.9
3.00	21.8	20.1	19.5	16.5	21.8	20.1	19.5	20.0

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	7.8	5.9	5.1	1.6	8.0	8.5	8.7	9.6
1.50	9.8	7.8	7.0	3.6	9.8	10.1	10.3	11.2
1.75	11.7	9.8	9.0	5.5	11.7	11.7	11.9	12.8
2.00	13.7	11.7	10.9	7.5	13.7	13.4	13.6	14.5
2.25	15.6	13.7	12.9	9.4	15.6	15.0	15.2	16.1
2.50	17.6	15.6	14.9	11.4	17.6	16.7	16.9	17.8

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.