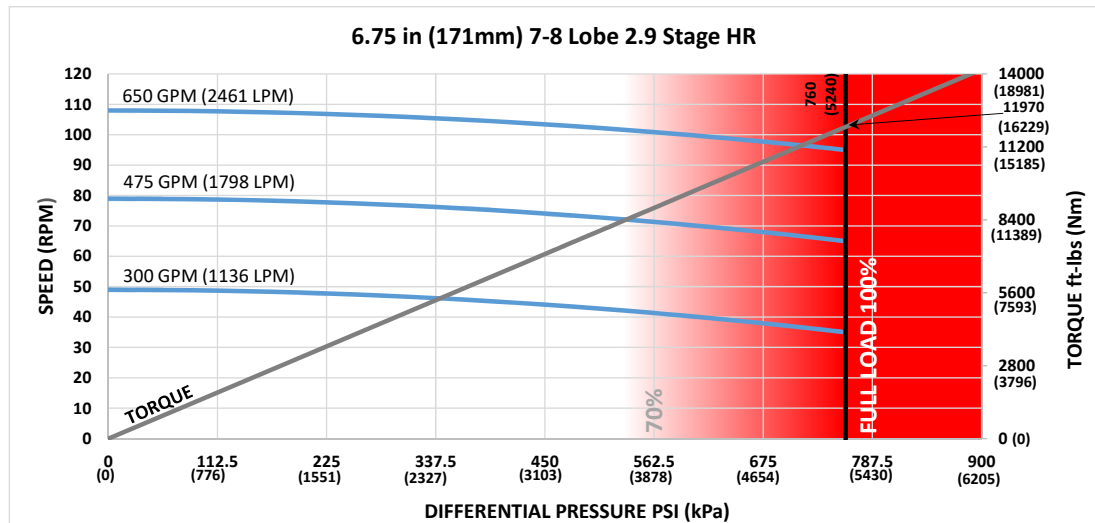


<b>Bit Size Range</b>	8-1/2 - 9-7/8 in	216 - 251 mm
<b>Bit Box Connection</b>	4-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	100357 lbf	44600 daN
<b>Static Bearing Load On/Off Bottom</b>	355612 lbf	158200 daN
<b>Max. Overpull (For Re-run)</b>	432800 lbf	192500 daN
<b>Absolute Overpull</b>	721400 lbf	320900 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>	21.1 in	536 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	66.7 in
	<b>Fixed</b>	54.6 in
<b>C = Overall (With Dump Sub)</b>	349.7 in	8882 mm
<b>Weight</b>	2457 lbs	1114 kg

<b>Lobe Configuration</b>	7-8 Lobe 2.9 Stage HR	
<b>Displacement (No Load)</b>	0.17 rev/gal	0.04 rev/l
<b>Max. Differential (Full Load)</b>	760 psi	5240 kPa
<b>Max. Torque</b>	11970 ft-lbs	16229 Nm
<b>Max. Power</b>	217 HP	161 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1136	35 - 49
475	1798	65 - 79
650	2461	95 - 108



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

**ADJUSTABLE BUILD RATE**

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	9-7/8 (251mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	9-7/8 (251mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>0.39</b>	3.6	3.0	-	-	3.6	3.0	3.5	3.5
<b>0.78</b>	6.5	5.8	2.8	2.8	6.5	5.8	5.9	5.9
<b>1.15</b>	9.1	8.5	5.5	5.5	9.1	8.5	8.2	8.2
<b>1.50</b>	11.7	11.0	8.0	8.0	11.7	11.0	10.3	10.3
<b>1.83</b>	14.1	13.4	10.4	10.4	14.1	13.4	12.3	12.3
<b>2.12</b>	16.1	15.5	12.5	12.5	16.1	15.5	14.1	14.1
<b>2.38</b>	18.0	17.4	14.4	14.4	18.0	17.4	15.7	15.7
<b>2.60</b>	19.6	19.0	16.0	16.0	19.6	19.0	17.0	17.0
<b>2.77</b>	20.8	20.2	17.2	17.2	20.8	20.2	18.1	18.1
<b>2.90</b>	21.8	21.1	18.1	18.1	21.8	21.1	18.9	18.9
<b>2.97</b>	22.3	21.6	18.6	18.6	22.3	21.6	19.3	19.3
<b>3.00</b>	22.5	21.8	18.9	18.9	22.5	21.8	19.5	19.5

Note: Stabilizers are 1/8" undergauge

**FBH BUILD RATE**

Hole Size	SLICK				STABILIZED			
	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	9-7/8 (251mm)	8-1/2 (216mm)	8-3/4 (222mm)	9-7/8 (251mm)	9-7/8 (251mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>1.25</b>	6.8	6.0	2.4	2.4	8.2	8.4	9.1	9.1
<b>1.50</b>	8.6	7.8	4.2	4.2	9.8	10.0	10.7	10.7
<b>1.75</b>	10.4	9.6	6.0	6.0	11.4	11.6	12.3	12.3
<b>2.00</b>	12.2	11.4	7.9	7.9	13.0	13.2	14.0	14.0
<b>2.25</b>	14.0	13.2	9.7	9.7	14.6	14.8	15.6	15.6
<b>2.50</b>	15.8	15.0	11.5	11.5	16.2	16.4	17.2	17.2

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.