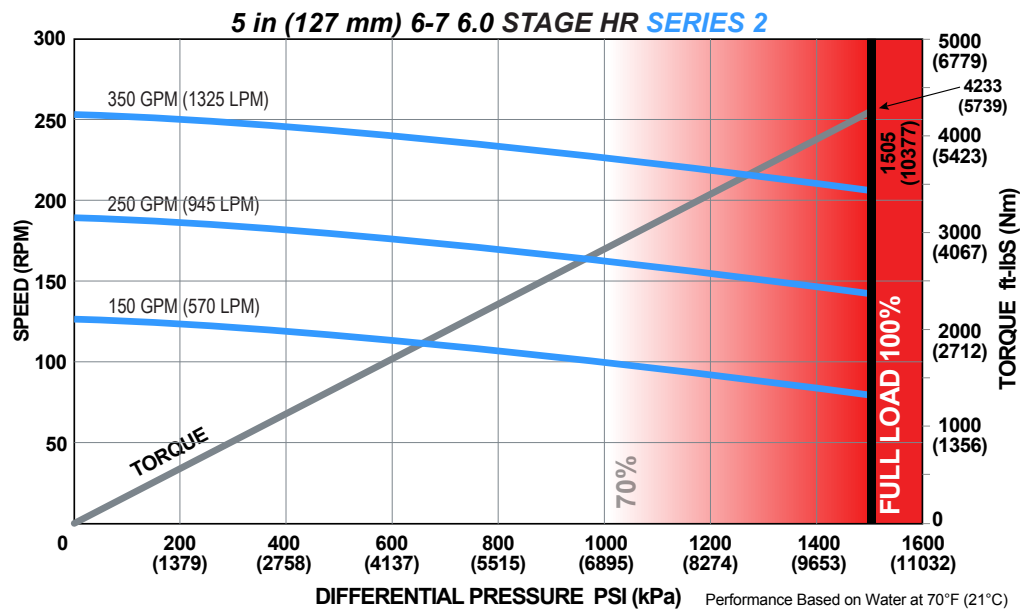


<b>Bit Size Range</b>		5-5/8 - 6-3/4 in	143 - 171 mm
<b>Bit Box Connection</b>		3-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Max. Overpull (for re-run)</b>		328000 lbf	146000 daN
<b>Absolute Overpull</b>		546000 lbf	243000 daN
<b>Adjustable Makeup Torque</b>		12000 ft-lbs	16270 Nm
<b>A = Bit to Stabilizer (centre)</b>		16.7 in	424 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	56.3 in	1430 mm
	<b>Fixed</b>	45.7 in	1161 mm
<b>C = Overall (with Dump Sub)</b>		293.3 in	7450 mm
<b>Weight</b>		1127 lbs	511.2 kg

<b>Lobe Configuration</b>	6-7 Lobe 6.0 Stage HR	
<b>Displacement (NO LOAD)</b>	0.84 rev/gal	0.22 rev/l
<b>Max. Differential @ FULL LOAD</b>	1,505 psi	10,377 kPa
<b>Max. Torque</b>	4,233 ft-lbs	5,739 Nm
<b>Max. Power</b>	165 HP	123 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	80 - 126
225	852	143 - 189
300	1,136	205 - 252



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

### ADJUSTABLE BUILD RATE: 5 in (127 mm) 6-7 Lobe 6.0 Stage HR SERIES 2

Hole Size	SLICK				STABILIZED			
	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>0.39</b>	2.23	1.81	1.39	0.97	0.73	0.75	0.85	0.95
<b>0.78</b>	5.18	4.76	4.34	3.92	4.1	4.01	3.91	3.81
<b>1.15</b>	7.97	7.55	7.13	6.71	7.31	7.21	7.11	7.01
<b>1.50</b>	10.62	10.2	9.78	9.36	10.34	10.24	10.14	10.04
<b>1.83</b>	13.11	12.69	12.27	11.85	13.2	13.1	13	12.9
<b>2.12</b>	15.3	14.88	14.47	14.05	15.71	15.61	15.51	15.41
<b>2.38</b>	17.27	16.85	16.43	16.01	17.96	17.86	17.76	17.66
<b>2.60</b>	18.93	18.51	18.09	17.67	19.86	19.76	19.67	19.57
<b>2.77</b>	20.21	19.79	19.38	18.96	21.33	21.24	21.14	21.04
<b>2.90</b>	21.2	20.78	20.36	19.94	22.46	22.36	22.26	22.16
<b>2.97</b>	21.72	21.31	20.89	20.47	23.06	22.97	22.87	22.77
<b>3.00</b>	21.95	21.53	21.11	20.69	23.32	23.23	23.13	23.03

### FBH BUILD RATE: 5 in (127 mm) 6-7 Lobe 6.0 Stage HR SERIES 2

Hole Size	SLICK				STABILIZED			
	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>1.25</b>	8.59	8.09	7.58	7.08	7.82	7.72	7.62	7.52
<b>1.50</b>	10.48	9.98	9.47	8.97	9.91	9.81	9.72	9.62
<b>1.75</b>	12.37	11.86	11.36	10.86	12	11.91	11.81	11.71
<b>2.00</b>	14.26	13.75	13.25	12.75	14.1	14	13.9	13.8
<b>2.25</b>	16.14	15.64	15.14	14.64	16.19	16.09	15.99	15.89

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.