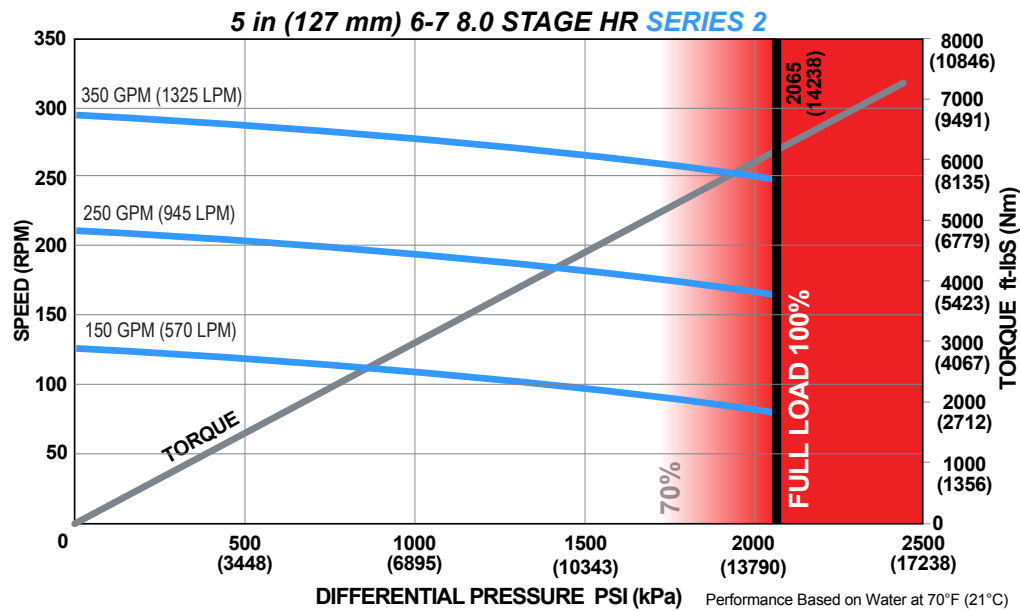


<b>Bit Size Range</b>		5-5/8 - 6-3/4 in	143 - 171 mm
<b>Bit Box Connection</b>		3-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<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>	<b>Adjustable</b>	16.7 in	424 mm
	<b>Fixed</b>	56.3 in	1430 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	45.7 in	1161 mm
	<b>Fixed</b>	45.7 in	1161 mm
<b>C = Overall (with Dump Sub)</b>		358.3 in	9101 mm
<b>Weight</b>		1353 lbs	613.7 kg

<b>Lobe Configuration</b>	6-7 Lobe 8.0 Stage HR	
<b>Displacement (NO LOAD)</b>	0.84 rev/gal	0.22 rev/l
<b>Max. Differential @ FULL LOAD</b>	2,065 psi	14,238 kPa
<b>Max. Torque</b>	5,897 ft-lbs	7,995 Nm
<b>Max. Power</b>	275 HP	205 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	80 - 126
250	946	163 - 210
350	1,325	245 - 294



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 8.0 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)			
0.39	1.83	1.49	1.14	0.8	0.61	0.62	0.69	0.75
0.78	4.26	3.91	3.57	3.22	3.32	3.26	3.19	3.13
1.15	6.56	6.21	5.87	5.52	5.9	5.83	5.76	5.7
1.50	8.74	8.39	8.05	7.7	8.33	8.26	8.2	8.13
1.83	10.79	10.44	10.1	9.75	10.62	10.56	10.49	10.43
2.12	12.59	12.25	11.9	11.55	12.64	12.58	12.51	12.44
2.38	14.21	13.86	13.52	13.17	14.45	14.38	14.32	14.25
2.60	15.57	15.23	14.88	14.54	15.98	15.91	15.85	15.78
2.77	16.63	16.28	15.94	15.59	17.16	17.09	17.03	16.96
2.90	17.44	17.09	16.75	16.4	18.06	18	17.93	17.87
2.97	17.87	17.53	17.18	16.84	18.55	18.48	18.42	18.35
3.00	18.06	17.71	17.37	17.02	18.76	18.69	18.63	18.56

### FBH BUILD RATE: 5 in (127 mm) 6-7 Lobe 8.0 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)			
1.25	7.06	6.65	6.24	5.83	6.35	6.29	6.22	6.16
1.50	8.62	8.21	7.79	7.38	8.04	7.98	7.91	7.85
1.75	10.17	9.76	9.35	8.93	9.73	9.67	9.6	9.54
2.00	11.73	11.31	10.9	10.49	11.42	11.36	11.29	11.23
2.25	13.28	12.87	12.46	12.04	13.11	13.05	12.98	12.92

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.