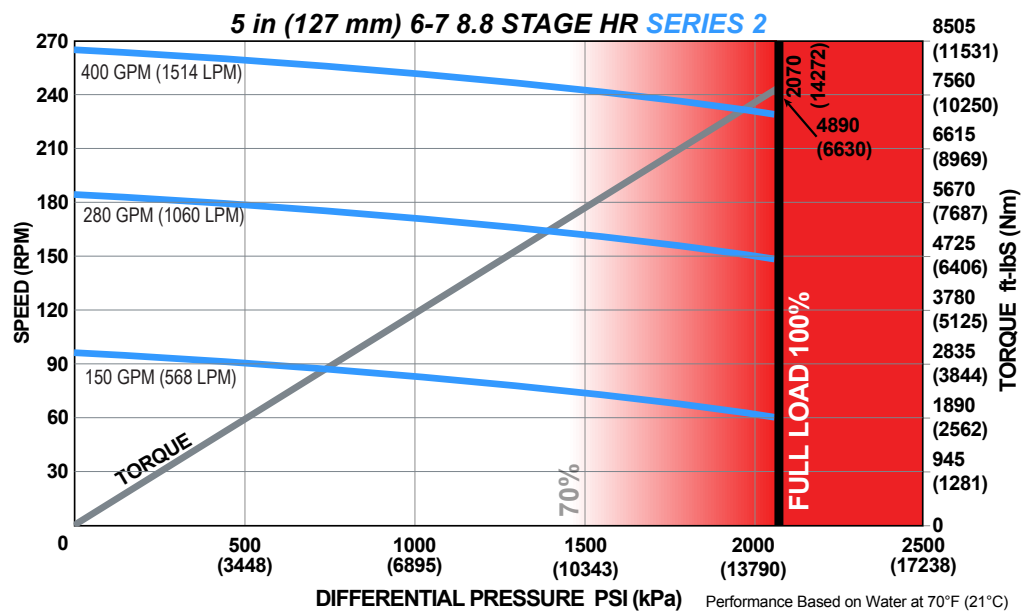


<b>Bit Size Range</b>		5-5/8 - 6-3/4 in	143 - 171 mm
<b>Bit Box Connection</b>		3-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Bearing Load - Off Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Max. Overpull for Re-run</b>		328000 lbf	146000 daN
<b>Absolute Overpull</b>		546000 lbf	243000 daN
<b>Adjustable Make Up Torque</b>		12000 ft-lbs	16270 Nm
<b>A = Bit To Stabilizer (center)</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 Length</b>		383.3 in	9736 mm
<b>Weight</b>		1491 lbs	676.3 kg

<b>Lobe Configuration</b>	6-7 Lobe 8.8 Stage HR	
<b>Displacement</b>	0.66 rev/gal	0.17 rev/l
<b>Max Differential @ No Load</b>	2,070 psi	14,272 kPa
<b>Max Torque @ No Load</b>	7,660 ft-lbs	10,386 Nm
<b>Max Power</b>	314 HP	234 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	50 - 100
275	1,041	133 - 180
400	1,514	215 - 260



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 8.8 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>	1.72	1.39	1.07	0.75	0.57	0.58	0.64	0.70
<b>0.78</b>	3.99	3.66	3.34	3.02	3.09	3.04	2.98	2.92
<b>1.15</b>	6.14	5.82	5.49	5.17	5.49	5.43	5.37	5.32
<b>1.50</b>	8.18	7.85	7.53	7.21	7.75	7.69	7.64	7.58
<b>1.83</b>	10.10	9.78	9.45	9.13	9.88	9.83	9.77	9.71
<b>2.12</b>	11.79	11.46	11.14	10.82	11.76	11.70	11.64	11.59
<b>2.38</b>	13.30	12.98	12.65	12.33	13.44	13.38	13.32	13.27
<b>2.60</b>	14.58	14.26	13.93	13.61	14.86	14.80	14.74	14.69
<b>2.77</b>	15.57	15.24	14.92	14.60	15.96	15.90	15.84	15.79
<b>2.90</b>	16.32	16.00	15.68	15.35	16.80	16.74	16.68	16.62
<b>2.97</b>	16.73	16.41	16.08	15.76	17.25	17.19	17.13	17.08
<b>3.00</b>	16.91	16.58	16.26	15.94	17.44	17.38	17.33	17.27

### FBH BUILD RATE: 5 in (127 mm) 6-7 Lobe 8.8 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>	6.61	6.23	5.84	5.45	5.93	5.87	5.81	5.75
<b>1.50</b>	8.07	7.68	7.30	6.91	7.50	7.44	7.39	7.33
<b>1.75</b>	9.52	9.14	8.75	8.36	9.07	9.02	8.96	8.90
<b>2.00</b>	10.98	10.59	10.21	9.82	10.65	10.59	10.53	10.48
<b>2.25</b>	12.43	12.05	11.66	11.27	12.22	12.16	12.11	12.05
<b>2.50</b>	13.89	13.50	13.12	12.73	13.79	13.74	13.68	13.62

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.