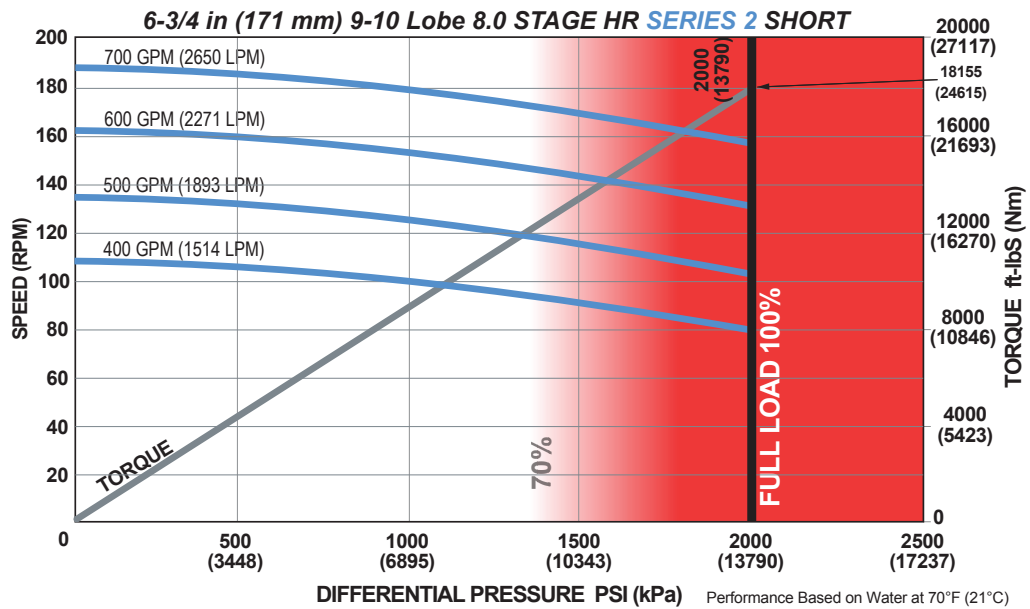


<b>Bit Size Range</b>		8-1/2 - 9-7/8 in	216 - 251 mm
<b>Bit Box Connection</b>		4-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	162100 lbf	72110 daN
	<b>Static</b>	510500 lbf	227080 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	162100 lbf	72110 daN
	<b>Static</b>	510500 lbf	227080 daN
<b>Max. Overpull (for re-run)</b>		602600 lbf	268000 daN
<b>Absolute Overpull</b>		1004400 lbf	447000 daN
<b>Adjustable Makeup Torque</b>		25000 ft-lbs	33895 Nm
<b>A = Bit to Stabilizer (centre)</b>		17.2 in	437 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	66 in	1676 mm
	<b>Fixed</b>	54 in	1372 mm
<b>C = Overall (with Dump Sub)</b>		381.1 in	9680 mm
<b>Weight</b>		2980 lbs	1351.7 kg

<b>Lobe Configuration</b>	9-10 Lobe 8.0 Stage HR	
<b>Displacement (NO LOAD)</b>	0.27 rev/gal	0.07 rev/l
<b>Max. Differential @ FULL LOAD</b>	2,000 psi	13,790 kPa
<b>Max. Torque</b>	18,155 ft-lbs	24,615 Nm
<b>Max. Power</b>	553 HP	412 kW

Flow Rate		Speed
GPM	LPM	RPM
400	1,514	80 - 108
550	2,082	120 - 148
700	2,650	160 - 188



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

**ADJUSTABLE BUILD RATE: 6-3/4 in (171 mm) 9-10 Lobe 8.0 Stage HR SERIES 2 SHORT**

Hole Size	SLICK			STABILIZED		
	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
<b>0.39</b>	-	-	-	1.06	1.18	1.69
<b>0.78</b>	2.11	1.57	-	3.10	3.14	3.66
<b>1.15</b>	4.26	3.72	1.29	5.55	5.43	5.53
<b>1.50</b>	6.30	5.76	3.32	7.86	7.74	7.29
<b>1.83</b>	8.22	7.68	5.24	10.04	9.92	9.41
<b>2.12</b>	9.90	9.36	6.93	11.95	11.84	11.32
<b>2.38</b>	11.41	10.87	8.44	13.67	13.56	13.04
<b>2.60</b>	12.69	12.15	9.72	15.12	15.01	14.49
<b>2.77</b>	13.68	13.14	10.70	16.25	16.13	15.62
<b>2.90</b>	14.43	13.89	11.46	17.10	16.99	16.47
<b>2.97</b>	14.84	14.30	11.86	17.57	17.45	16.94
<b>3.00</b>	15.01	14.47	12.04	17.76	17.65	17.13

**FBH BUILD RATE: 6-3/4 in (171 mm) 9-10 Lobe 8.0 Stage HR SERIES 2 SHORT**

Hole Size	SLICK			STABILIZED		
	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
<b>1.25</b>	4.40	3.76	0.87	5.97	5.85	6.27
<b>1.50</b>	5.85	5.21	2.33	7.57	7.46	7.58
<b>1.75</b>	7.30	6.66	3.78	9.17	9.06	8.89
<b>2.00</b>	8.76	8.12	5.23	10.78	10.66	10.20
<b>2.25</b>	10.21	9.57	6.69	12.38	12.27	11.75
<b>2.38</b>	10.96	10.32	7.44	13.21	13.10	12.58

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.