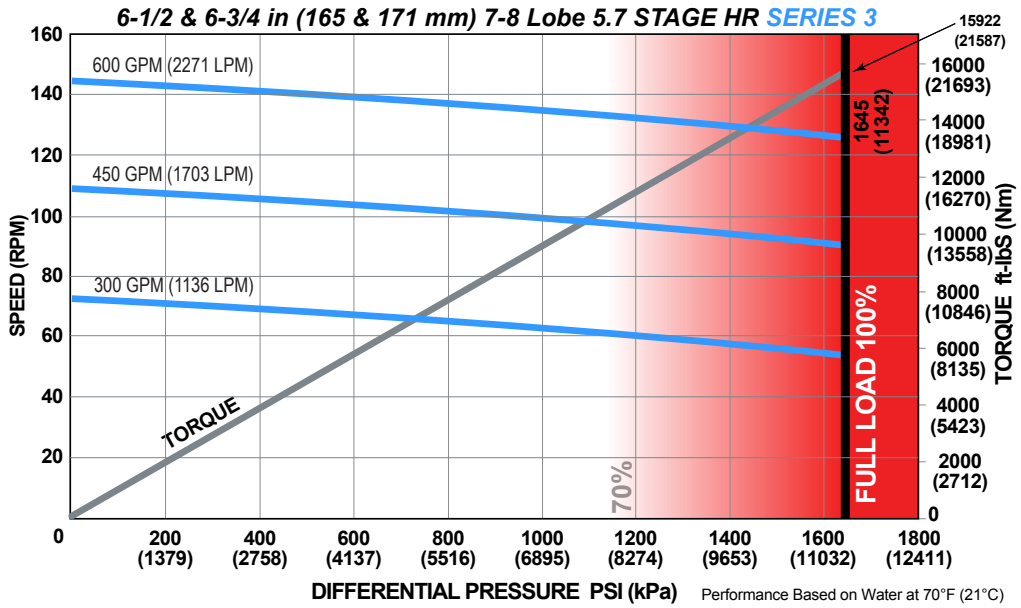


<b>Bit Size Range</b>		7-7/8 - 9-7/8 in	200 - 251 mm
<b>Bit Box Connection</b>		4-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	131700 lbf	58580 daN
	<b>Static</b>	420400 lbf	187000 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	131700 lbf	58580 daN
	<b>Static</b>	420400 lbf	187000 daN
<b>Max. Overpull (for re-run)</b>		328000 lbf	146000 daN
<b>Absolute Overpull</b>		546000 lbf	243000 daN
<b>Adjustable Makeup Torque</b>		25000 ft-lbs	33895 Nm
<b>A = Bit to Stabilizer (centre)</b>		16.45 in	418 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	64.97 in	1650 mm
	<b>Fixed</b>	52.97 in	1345 mm
<b>C = Overall (with Dump Sub)</b>		382.7 in	9721 mm
<b>Weight</b>		2860 lbs	1297.3 kg

<b>Lobe Configuration</b>	7-8 Lobe 5.7 Stage HR	
<b>Displacement (NO LOAD)</b>	0.24 rev/gal	0.06 rev/l
<b>Max. Differential @ FULL LOAD</b>	1,645 psi	11,342 kPa
<b>Max. Torque</b>	15,922 ft-lbs	21,587 Nm
<b>Max. Power</b>	382 HP	285 kW

Flow Rate		Speed
GPM	LPM	RPM
300	1,136	53 - 72
450	1,703	90 - 108
600	2,271	126 - 144



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

**ADJUSTABLE BUILD RATE: 6-1/2 & 6-3/4 in (165 & 171 mm) 7-8 Lobe 5.7 Stage HR SERIES 3**

Hole Size	SLICK				STABILIZED			
	7-7/8 (200 mm)	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)	7-7/8 (200 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>	0.21	-	-	-	0.85	1.13	1.24	1.75
<b>0.78</b>	2.47	1.11	0.56	-	3.02	3.09	3.21	3.72
<b>1.15</b>	4.61	3.25	2.7	0.25	5.45	5.16	5.07	5.58
<b>1.50</b>	6.64	5.27	4.73	2.27	7.75	7.46	7.35	7.34
<b>1.83</b>	8.55	7.18	6.64	4.18	9.92	9.63	9.52	9.01
<b>2.12</b>	10.23	8.86	8.32	5.86	11.82	11.54	11.42	10.91
<b>2.38</b>	11.73	10.37	9.82	7.37	13.53	13.24	13.13	12.62
<b>2.60</b>	13.01	11.64	11.09	8.64	14.97	14.69	14.58	14.07
<b>2.77</b>	13.99	12.62	12.08	9.62	16.09	15.81	15.69	15.18
<b>2.90</b>	14.74	13.38	12.83	10.37	16.94	16.66	16.55	16.04
<b>2.97</b>	15.15	13.78	13.24	10.78	17.4	17.12	17.01	16.49
<b>3.00</b>	15.32	13.95	13.41	10.95	17.6	17.32	17.2	16.69

**FBH BUILD RATE: 6-1/2 & 6-3/4 in (165 & 171 mm) 7-8 Lobe 5.7 Stage HR SERIES 3**

Hole Size	SLICK				STABILIZED			
	7-7/8 (200 mm)	8-1/2 (216 mm)	8-3/4 (222 mm)	9-7/8 (251 mm)	7-7/8 (200 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>	4.81	3.19	2.54	-	5.87	5.7	5.81	6.32
<b>1.50</b>	6.26	4.63	3.99	1.07	7.47	7.19	7.12	7.63
<b>1.75</b>	7.7	6.08	5.43	2.52	9.06	8.78	8.67	8.93
<b>2.00</b>	9.15	7.53	6.88	3.96	10.66	10.38	10.26	10.24
<b>2.25</b>	10.6	8.98	8.33	5.41	12.25	11.97	11.86	11.54

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.