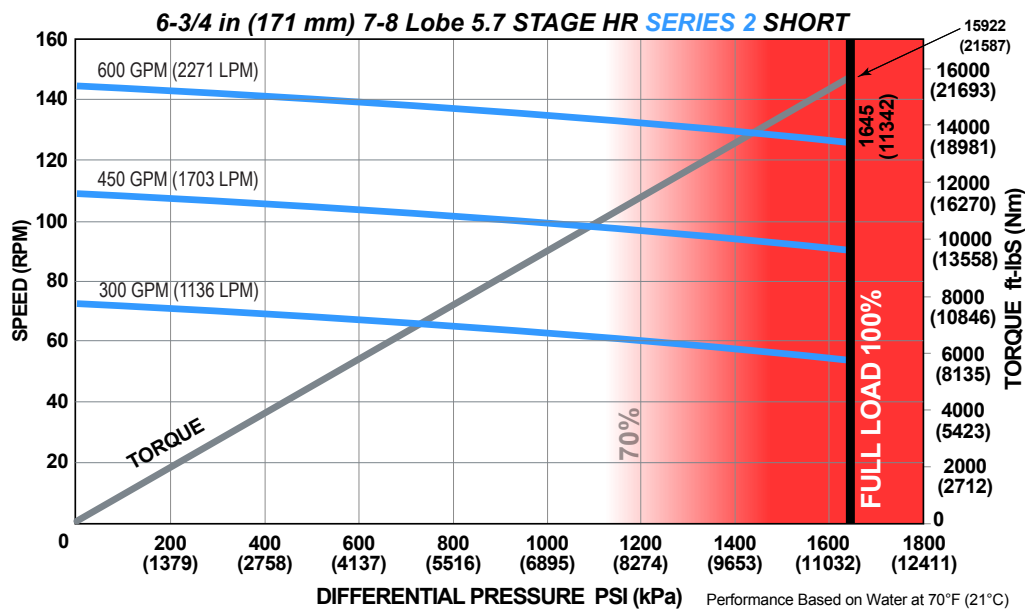


Bit Size Range		8-1/2 - 9-7/8 in	216 - 251 mm
Bit Box Connection		4-1/2 REGULAR	
Bearing Load On Bottom	Dynamic	162100 lbf	72110 daN
	Static	510500 lbf	227080 daN
Bearing Load Off Bottom	Dynamic	162100 lbf	72110 daN
	Static	510500 lbf	227080 daN
Max. Overpull (for re-run)		602600 lbf	268000 daN
Absolute Overpull		1004400 lbf	447000 daN
Adjustable Makeup Torque		25000 ft-lbs	33895 Nm
A = Bit to Stabilizer (centre)		17.2 in	437 mm
B = Bit to Bend	Adjustable	66 in	1676 mm
	Fixed	54 in	1372 mm
C = Overall (with Dump Sub)		381.1 in	9680 mm
Weight		2948 lbs	1337.2 kg

Lobe Configuration	7-8 Lobe 5.7 Stage HR	
Displacement (NO LOAD)	0.24 rev/gal	0.06 rev/l
Max. Differential @ FULL LOAD	1,645 psi	11,342 kPa
Max. Torque	15,922 ft-lbs	21,587 Nm
Max. Power	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: 6-3/4 in (171 mm) 7-8 Lobe 5.7 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)
BEND ANGLE	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
0.39	-	-	-	1.06	1.18	1.69
0.78	2.11	1.57	-	3.1	3.14	3.66
1.15	4.26	3.72	1.29	5.55	5.43	5.53
1.50	6.3	5.76	3.32	7.86	7.74	7.29
1.83	8.22	7.68	5.24	10.04	9.92	9.41
2.12	9.9	9.36	6.93	11.95	11.84	11.32
2.38	11.41	10.87	8.44	13.67	13.56	13.04
2.60	12.69	12.15	9.72	15.12	15.01	14.49
2.77	13.68	13.14	10.7	16.25	16.13	15.62
2.90	14.43	13.89	11.46	17.1	16.99	16.47
2.97	14.84	14.3	11.86	17.57	17.45	16.94
3.00	15.01	14.47	12.04	17.76	17.65	17.13

FBH BUILD RATE: 6-3/4 in (171 mm) 7-8 Lobe 5.7 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)
BEND ANGLE	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
1.25	4.4	3.76	0.87	5.97	5.85	6.27
1.50	5.85	5.21	2.33	7.57	7.46	7.58
1.75	7.3	6.66	3.78	9.17	9.06	8.89
2.00	8.76	8.12	5.23	10.78	10.66	10.2
2.25	10.21	9.57	6.69	12.38	12.27	11.75
2.38	10.96	10.32	7.44	13.21	13.1	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.