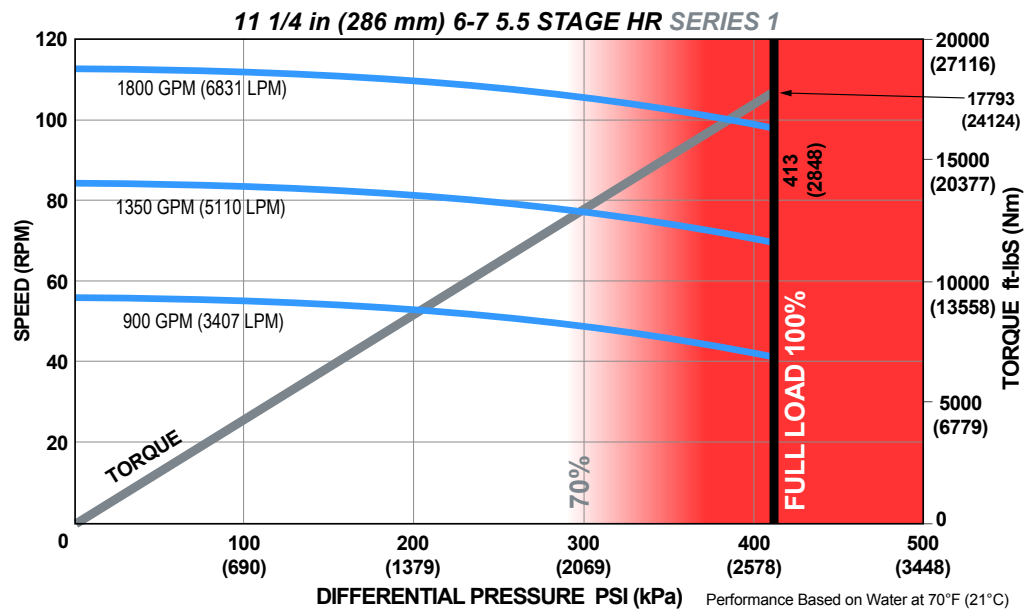


Bit Size Range		12-1/4 - 36 in	311 - 914 mm
Bit Box Connection		7-5/8 REGULAR	
Bearing Load On Bottom	Dynamic	385750 lbf	171590 daN
	Static	1376000 lbf	612080 daN
Bearing Load Off Bottom	Dynamic	385750 lbf	171590 daN
	Static	1376000 lbf	612080 daN
Max. Overpull (for re-run)		784500 lbf	349000 daN
Absolute Overpull		1307500 lbf	582000 daN
Adjustable Makeup Torque		75000 ft-lbs	101686 Nm
A = Bit to Stabilizer (centre)		22 in	559 mm
B = Bit to Bend	Adjustable	94 in	2388 mm
	Fixed	N/A	N/A
C = Overall (with Dump Sub)		417.3 in	10599 mm
Weight		8787 lbs	3985.7 kg

Lobe Configuration	6-7 Lobe 5.5 Stage HR	
Displacement (NO LOAD)	0.06 rev/gal	0.02 rev/l
Max. Differential @ FULL LOAD	413 psi	2,848 kPa
Max. Torque	17,793 ft-lbs	24,124 Nm
Max. Power	315 HP	235 kW

Flow Rate		Speed
GPM	LPM	RPM
900	3,407	38 - 56
1,350	5,110	66 - 84
1,800	6,814	93 - 112



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

ADJUSTABLE BUILD RATE: 11-1/4 in (286 mm) 6-7 Lobe 5.5 Stage HR SERIES 1

Hole Size	SLICK				STABILIZED			
	16 (406 mm)	17-1/2 (445 mm)	26 (610 mm)	36 (914 mm)	16 (406 mm)	17-1/2 (445 mm)	26 (610 mm)	36 (914 mm)
BEND ANGLE	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
0.39	-	-	-	-	2.97	3.54	6.77	10.56
0.78	-	-	-	-	4.64	5.21	8.44	12.23
1.15	0.33	-	-	-	6.23	6.8	10.03	13.81
1.50	2.16	0.15	-	-	7.73	8.3	11.53	15.31
1.83	3.89	1.88	-	-	9.46	9.72	12.94	16.72
2.12	5.41	3.4	-	-	11.26	10.96	14.18	17.96
2.38	6.77	4.76	-	-	12.87	12.3	15.29	19.07
2.60	7.92	5.91	-	-	14.23	13.66	16.24	20
2.77	8.81	6.8	-	-	15.29	14.72	16.96	20.73
2.90	9.49	7.48	-	-	16.09	15.52	17.52	21.28
2.97	9.86	7.85	-	-	16.53	15.96	17.82	21.58
3.00	10.01	8	-	-	16.71	16.14	17.95	21.71

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.