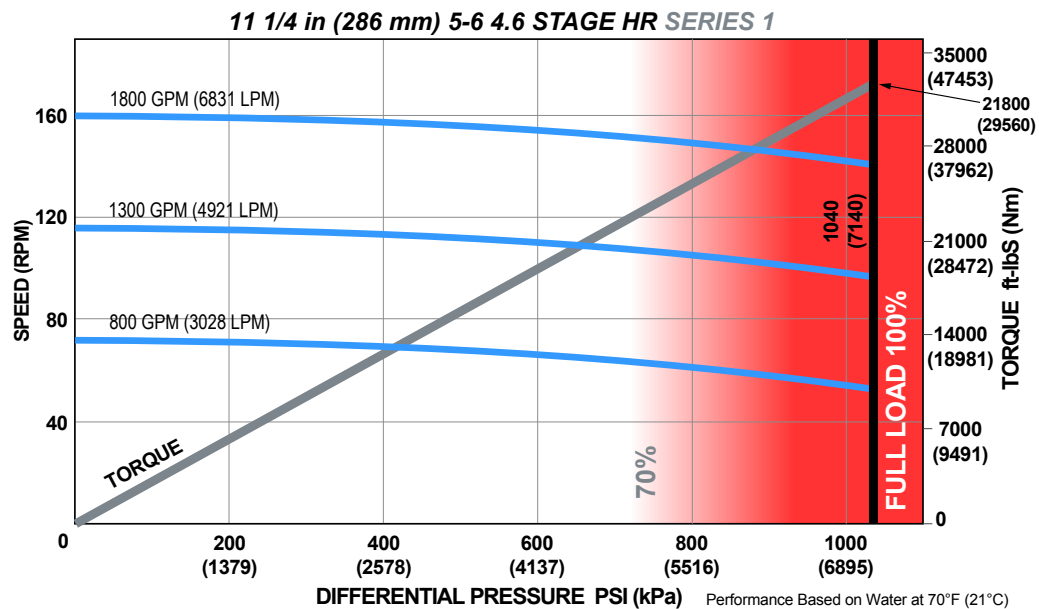


<b>Bit Size Range</b>		12-1/4 - 36 in	311 - 914 mm
<b>Bit Box Connection</b>		7-5/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	385750 lbf	171590 daN
	<b>Static</b>	1376000 lbf	612080 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	385750 lbf	171590 daN
	<b>Static</b>	1376000 lbf	612080 daN
<b>Max. Overpull (for re-run)</b>		784500 lbf	349000 daN
<b>Absolute Overpull</b>		1307500 lbf	582000 daN
<b>Adjustable Makeup Torque</b>		75000 ft-lbs	101686 Nm
<b>A = Bit to Stabilizer (centre)</b>		22 in	559 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	94 in	2388 mm
	<b>Fixed</b>	N/A	N/A
<b>C = Overall (with Dump Sub)</b>		397.3 in	10091 mm
<b>Weight</b>		8202 lbs	3720.4 kg

<b>Lobe Configuration</b>	5-6 Lobe 4.6 Stage HR	
<b>Displacement (NO LOAD)</b>	0.09 rev/gal	0.02 rev/l
<b>Max. Differential @ FULL LOAD</b>	1,040 psi	7,171 kPa
<b>Max. Torque</b>	32,700 ft-lbs	44,335 Nm
<b>Max. Power</b>	872 HP	650 kW

Flow Rate		Speed
GPM	LPM	RPM
800	3,028	55 - 71
1,300	4,921	98 - 121
1,800	6,814	140 - 170



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

### ADJUSTABLE BUILD RATE: 11-1/4 in (286 mm) 5-6 Lobe 4.6 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)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
0.39	-	-	-	-	3.22	3.85	7.41	11.6
0.78	-	-	-	-	4.95	5.58	9.14	13.33
1.15	0.34	-	-	-	6.6	7.22	10.79	14.97
1.50	2.27	0.16	-	-	8.15	8.78	12.34	16.51
1.83	4.08	1.97	-	-	9.98	10.25	13.8	17.97
2.12	5.67	3.56	-	-	11.88	11.53	15.09	19.25
2.38	7.09	4.99	-	-	13.58	12.95	16.24	20.4
2.60	8.3	6.19	-	-	15.02	14.39	17.22	21.37
2.77	9.23	7.13	-	-	16.14	15.51	17.97	22.12
2.90	9.95	7.84	-	-	16.99	16.36	18.54	22.7
2.97	10.33	8.22	-	-	17.45	16.82	18.85	23.01
3.00	10.49	8.39	-	-	17.64	17.01	18.99	23.14

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.