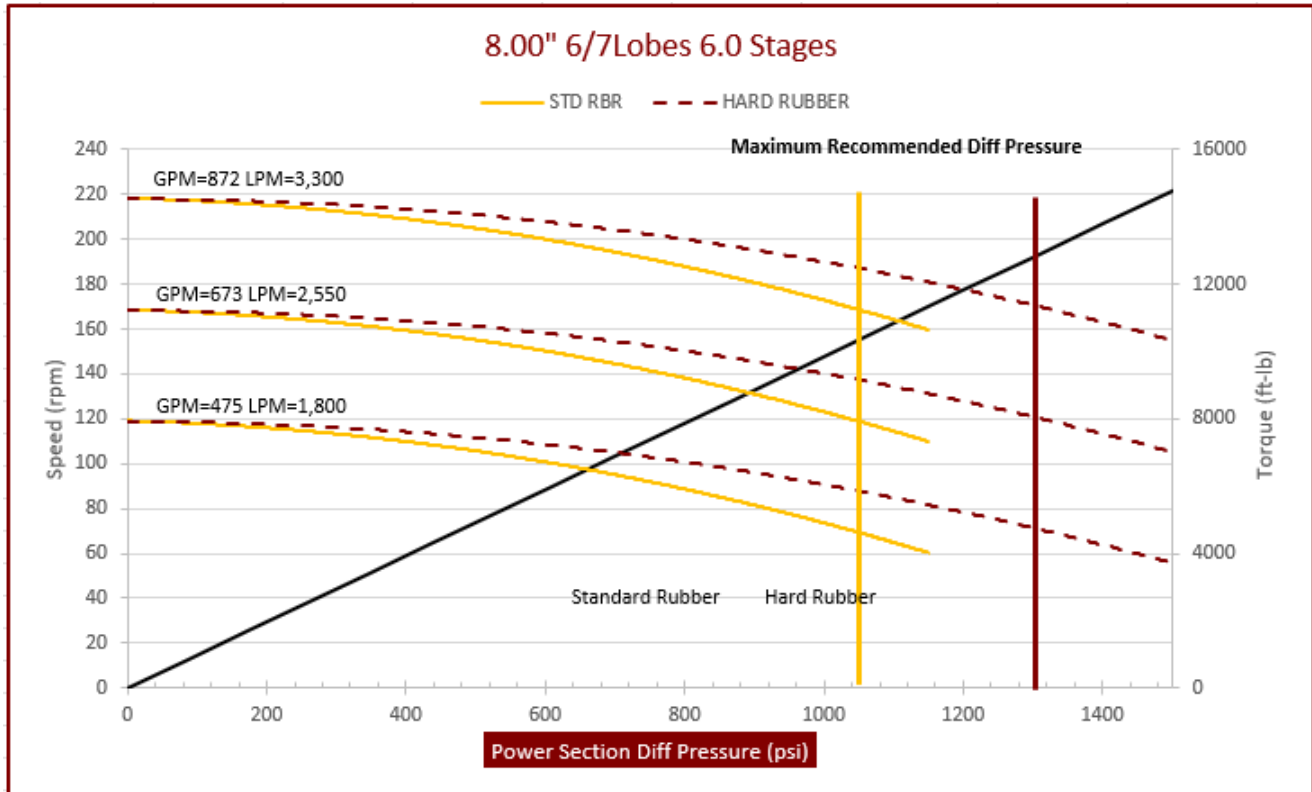


MECHANICAL PERFORMANCE		
Max. Weight on Bit	105,000 lbs	467 kN
Max. Pull to Re-Run	360,000 lbs	1,601 kN
Pull to Yield	875,000 lbs	3,892 kN
Bit to Bend (ABH)	84.9 in	2,156 mm
Bit to Bend (FBH)	71.9 in	1,825 mm
Weight	3,150 lbs	1,428 kg
Length	27.8 ft	8.5 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
DEG	9-7/8"	10 5/8"	12 1/4"	9-7/8"	10 5/8"	12 1/4"
0.25	1.52	0.68	0.15	2.18	3.17	4.43
0.50	3.04	1.82	0.91	3.70	4.69	5.95
0.75	4.56	3.19	2.28	5.22	6.21	7.47
1.00	6.08	4.14	3.34	6.74	7.73	8.99
1.25	7.60	5.32	4.18	8.26	9.25	10.51
1.50	9.12	6.39	5.11	9.78	10.77	12.03
1.75	10.64	7.45	6.39	11.30	12.29	13.55
2.00	12.16	9.73	7.30	12.82	13.81	15.07
2.25	13.68	11.22	8.89	14.34	15.34	16.59
2.50	15.20	12.47	10.95	15.86	16.86	18.11
2.75	16.72	13.71	12.04	17.38	18.38	19.64
3.00	18.24	14.96	13.14	18.90	19.90	21.16

POWER SECTION PERFORMANCE SPECIFICATIONS		
Torque Slope	9.84 ft-lb/psi	1.93 Nm/kPa
Flow Range	475- 872 GPM	1,800-3,300 LPM
Rotation	0.25 Rev/Gal	
Speed Range	119-218 RPM	
Off Bottom Press	130 psi	897 kPa

POWER SECTION PERFORMANCE DETAILS	PREM RUBBER	HARD RUBBER
	Max Diff Press psi (kPa)	1,044 (7,200)
Max Torque ft-lb (Nm)	10,273 (13,920)	12,840 (17,400)
	1,566(10,800)	1,957 (13,500)
	15,410 (20,880)	19,260 (26,100)
Max Recommended HP (kW)	424 (318)	530 (397)



Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice.