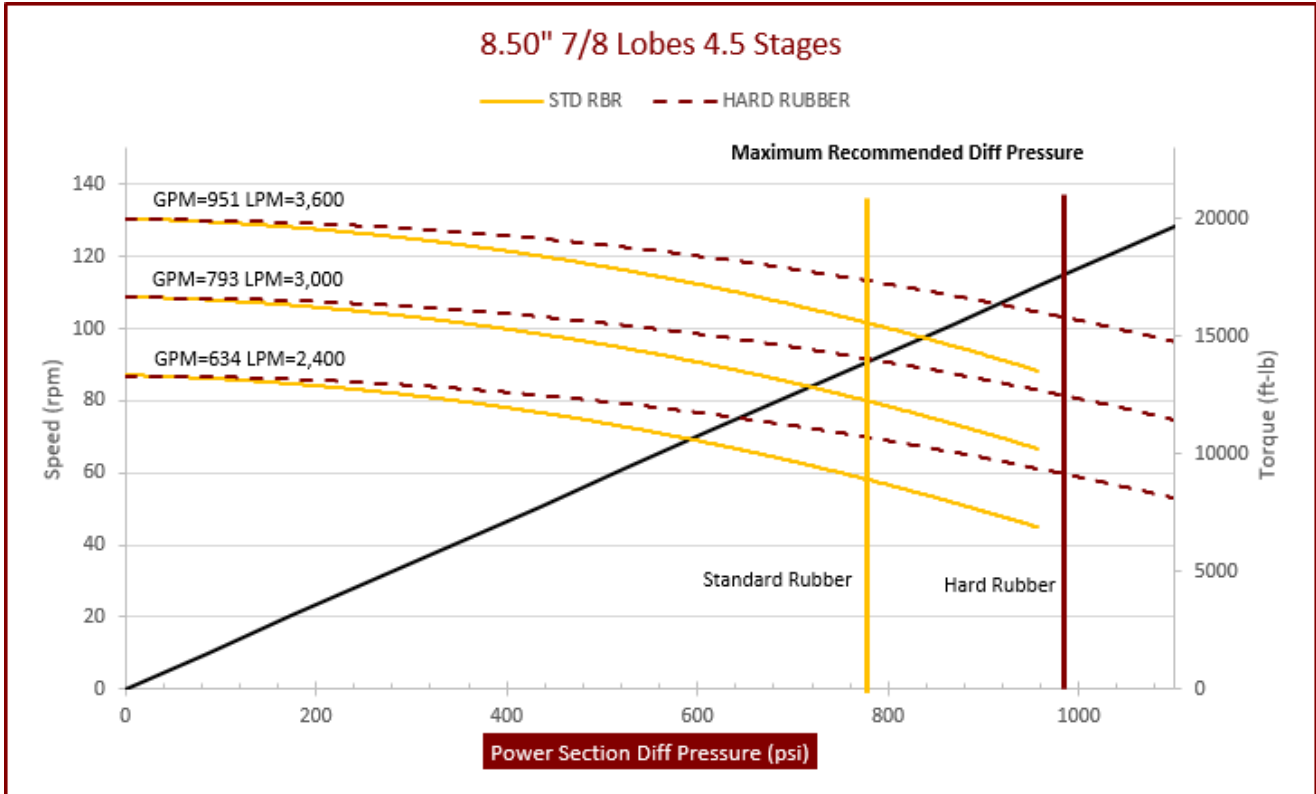


MECHANICAL PERFORMANCE		
Max. Weight on Bit	105,000 lbs	467 kN
Max. Pull to Re-Run	360,000 lbs	1,601 kN
Pull to Yield	875,000 lbs	3,892 kN
Bit to Bend (ABH)	--	--
Bit to Bend (FBH)	66.8 in	1,698 mm
Weight	3,580 lbs	1,900 kg
Length	31.79 ft	9.7 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	1/8" UNDERGAGE					
	HOLE SIZE			HOLE SIZE		
DEG	11-3/4"	12 1/4"	14 3/4"	11-3/4"	12 1/4"	14 3/4"
0.25	1.35	0.61	0.14	2.84	3.09	4.27
0.50	2.71	1.62	0.81	4.19	4.44	5.63
0.75	4.06	2.84	2.03	5.55	5.79	6.98
1.00	5.41	3.68	2.98	6.90	7.14	8.33
1.25	6.76	4.73	3.72	8.25	8.50	9.68
1.50	8.12	5.68	4.55	9.60	9.85	11.04
1.75	9.47	6.63	5.68	10.96	11.20	12.39
2.00	10.82	8.66	6.49	12.31	12.56	13.74
2.25	12.17	9.98	7.91	13.66	13.91	15.09
2.50	13.53	11.09	9.74	15.02	15.26	16.45
2.75	14.88	12.20	10.71	16.37	16.61	17.80
3.00	16.23	13.31	11.69	17.72	17.97	19.15

POWER SECTION PERFORMANCE SPECIFICATIONS		
Torque Slope	17.89 ft-lb/psi	3.51 Nm/kPa
Flow Range	634 - 951 GPM	2,400-3,600 LPM
Rotation	0.137 Rev/Gal	
Speed Range	87-130 RPM	
Off Bottom Press	140 psi	960 kPa

POWER SECTION PERFORMANCE DETAILS	PREM RUBBER	HARD RUBBER
	Max Diff Press psi (kPa)	785(5,400)
Max Torque ft-lb (Nm)	14,000 (18,980)	17,500 (23,720)
Stall Diff Press psi (kPa)	1,174(8,100)	1,468 (10,125)
Stall Torque ft-lb (Nm)	21,010 (28,460)	26,263 (35,585)
Max Recommended HP (kW)	480(360)	601 (450)



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.