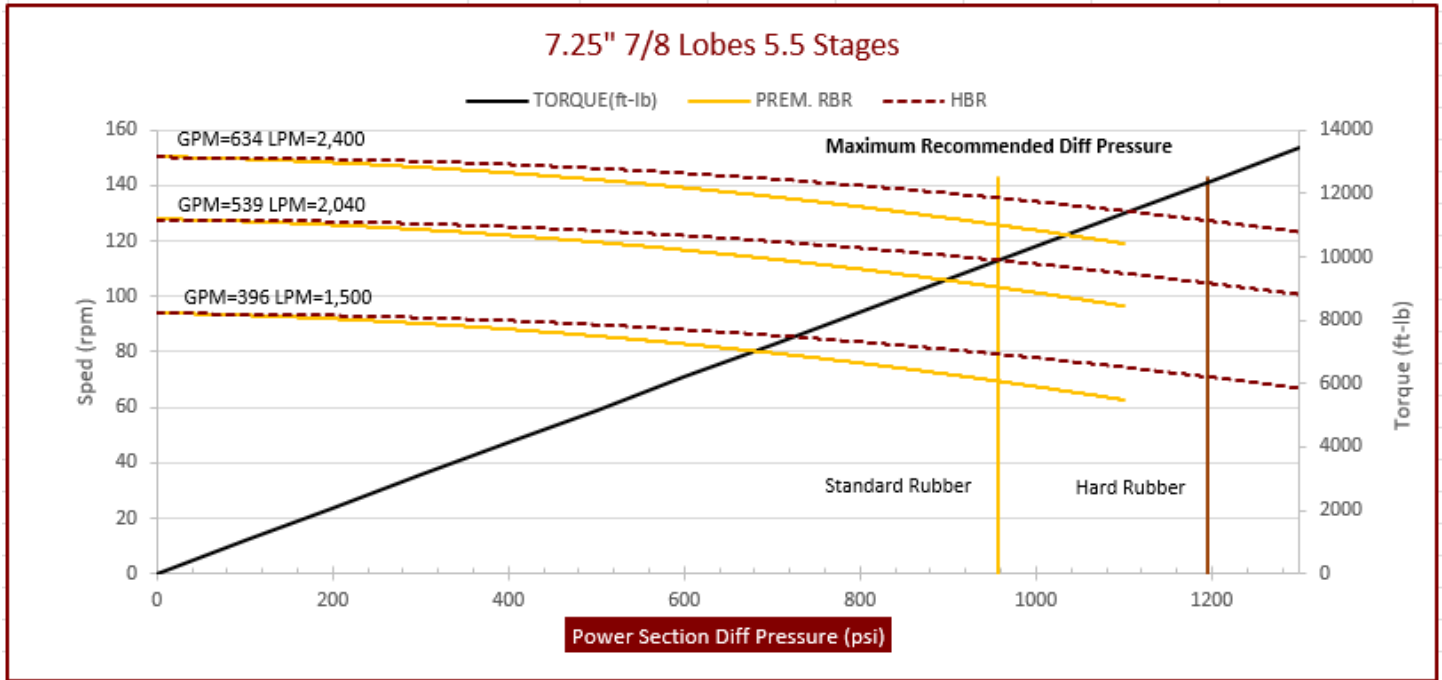


MECHANICAL PERFORMANCE		
Max. Weight on Bit	95,000 lbs	422 kN
Max. Pull to Re-Run	300,000 lbs	1,334 kN
Pull to Yield	750,000 lbs	3,336 kN
Bit to Bend (ABH)	/	/
Bit to Bend (FBH)	62 in	1,576 mm
Weight	2,701 lbs	1,225 kg
Length	28.1 ft	8.6 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
	HOLE SIZE	HOLE SIZE	HOLE SIZE	HOLE SIZE	HOLE SIZE	HOLE SIZE
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	2.63	3.58	4.79
0.50	3.04	1.82	0.91	4.18	5.13	6.34
0.75	4.56	3.19	2.28	5.73	6.68	7.89
1.00	6.08	4.14	3.34	7.28	8.23	9.44
1.25	7.60	5.32	4.18	8.82	9.78	10.99
1.50	9.12	6.39	5.11	10.37	11.33	12.54
1.75	10.64	7.45	6.39	11.92	12.88	14.08
2.00	12.16	9.73	7.30	13.47	14.43	15.63
2.25	13.68	11.22	8.89	15.02	15.97	17.18
2.50	15.20	12.47	10.95	16.57	17.52	18.73
2.75	16.72	13.71	12.04	18.12	19.07	20.28
3.00	18.24	14.96	13.14	19.67	20.62	21.83

POWER SECTION PERFORMANCE SPECIFICATIONS		
Torque Slope	10.34 ft-lb/psi	2.03 Nm/kPa
Flow Range	396- 634 GPM	1,500-2,400 LPM
Rotation	0.237 Rev/Gal	
Speed Range	94-150 RPM	
Off Bottom Press	132 psi	909 kPa

POWER SECTION PERFORMANCE DETAILS	PREM RUBBER	HARD RUBBER
	Max Diff Press psi (kPa)	957 (6,600)
Max Torque ft-lb (Nm)	9,903 (13,419)	12,379 (16,773)
Stall Diff Press psi (kPa)	1,435 (9,900)	1,794 (12,375)
Stall Torque ft-lb (Nm)	14,855 (20,128)	18,569 (25,160)
Max Recommended HP (kW)	281 (211)	352 (263)



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.