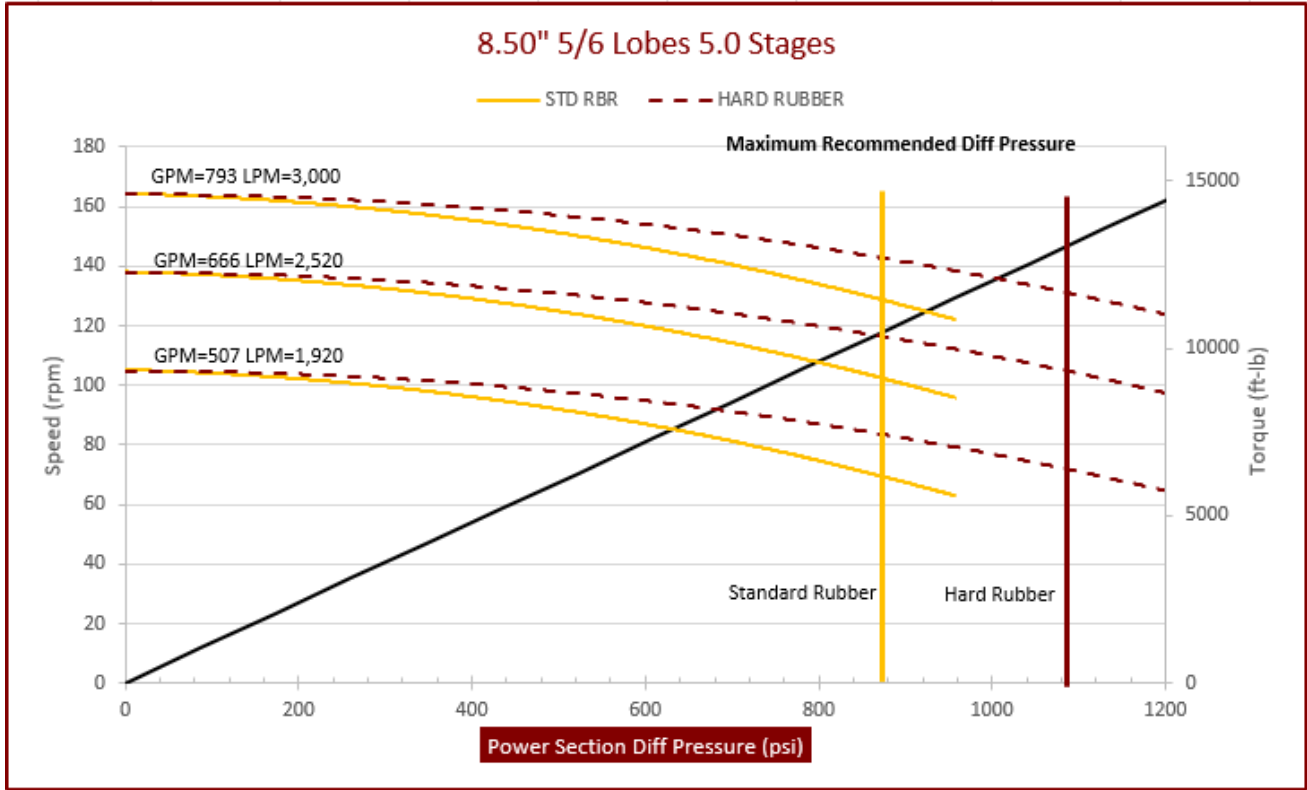


MECHANICAL PERFORMANCE		
Max. Weight on Bit	105,000 lbs	467 kN
Max. Pull to Re-Run	360,000 lbs	1,601 kN
Pull to Yield	875,000 lbs	3,892 kN
Bit to Bend (ABH)	--	--
Bit to Bend (FBH)	66.8 in	1,698 mm
Weight	3,500 lbs	1,857 kg
Length	30.15 ft	9.2 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
	11-3/4"	12 1/4"	14 3/4"	11-3/4"	12 1/4"	14 3/4"
DEG						
0.25	1.44	0.65	0.14	3.19	3.47	4.87
0.50	2.89	1.73	0.87	4.63	4.92	6.31
0.75	4.33	3.03	2.17	6.08	6.36	7.75
1.00	5.78	3.93	3.18	7.52	7.81	9.20
1.25	7.22	5.06	3.97	8.97	9.25	10.64
1.50	8.67	6.07	4.85	10.41	10.70	12.09
1.75	10.11	7.08	6.07	11.86	12.14	13.53
2.00	11.56	9.25	6.93	13.30	13.59	14.98
2.25	13.00	10.66	8.45	14.75	15.03	16.42
2.50	14.45	11.85	10.40	16.19	16.48	17.87
2.75	15.89	13.03	11.44	17.63	17.92	19.31
3.00	17.34	14.22	12.48	19.08	19.37	20.76

POWER SECTION PERFORMANCE SPECIFICATIONS			POWER SECTION PERFORMANCE DETAILS		
			PREM RUBBER		HARD RUBBER
Torque Slope	12 ft-lb/psi	2.36 Nm/kPa	Max Diff Press psi (kPa)	870 (6,000)	1,087 (7,500)
Flow Range	507 - 793 GPM	1,920-3,000 LPM	Max Torque ft-lb (Nm)	10,450 (14,160)	13,063 (17,700)
Rotation	0.207 Rev/Gal		Stall Diff Press psi (kPa)	1,305(9,000)	1,631 (11,250)
Speed Range	105-163 RPM		Stall Torque ft-lb (Nm)	15,675 (21,240)	19,594 (26,550)
Off Bottom Press	126 psi	870 kPa	Max Recommended HP (kW)	307(230)	384 (287)



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.