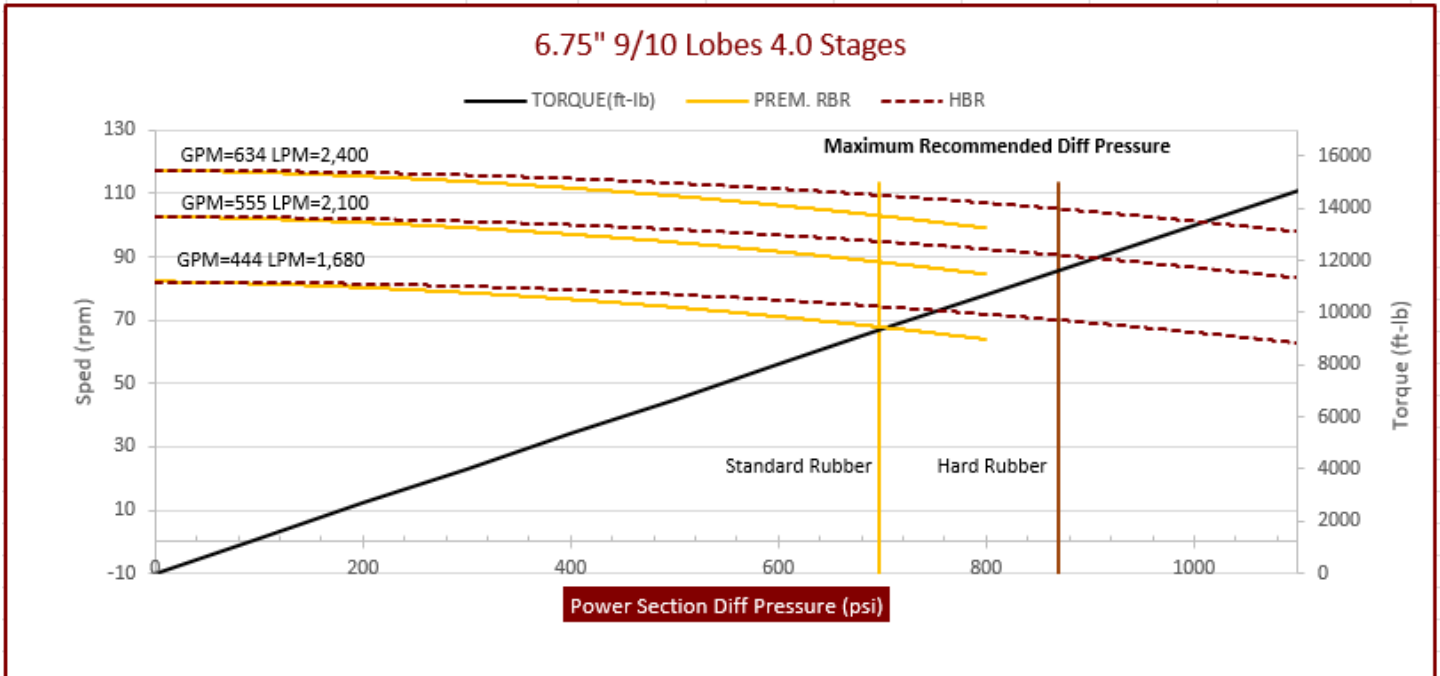


MECHANICAL PERFORMANCE		
Max. Weight on Bit	75,000 lbs	334 kN
Max. Pull to Re-Run	225,000 lbs	1,000 kN
Pull to Yield	650,000 lbs	2,891 kN
Bit to Bend (ABH)	61 in	1,550 mm
Bit to Bend (FBH)	42 in	1,078 mm
Weight	2,650 lbs	1,202kg
Length	29.48 ft	8.98m
Top Connection (Box)	4 1/2" XH; 4 1/2" IF	
Bit Connection (Box)	4 1/2" Reg; 6 5/8" Reg	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE HOLE SIZE		
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.25	1.55	0.70	0.16	2.41	2.57	3.20
0.50	3.11	1.87	0.93	3.97	4.12	4.75
0.75	4.66	3.27	2.33	5.52	5.68	6.31
1.00	6.22	4.23	3.42	7.08	7.23	7.86
1.25	7.77	5.44	4.28	8.63	8.79	9.42
1.50	9.33	6.53	5.22	10.19	10.34	10.97
1.75	10.88	7.62	6.53	11.74	11.90	12.53
2.00	12.44	9.95	7.46	13.29	13.45	14.08
2.25	13.99	11.47	9.10	14.85	15.01	15.64
2.50	15.55	12.75	11.19	16.40	16.56	17.19
2.75	17.10	14.02	12.31	17.96	18.12	18.75
3.00	18.66	15.30	13.43	19.51	19.67	20.30

POWER SECTION PERFORMANCE SPECIFICATIONS			POWER SECTION PERFORMANCE DETAILS		
			PREM RUBBER		HARD RUBBER
Torque Slope	13.36 ft-lb/psi	2.625 Nm/kPa	Max Diff Press psi (kPa)	696 (4,800)	870 (6,000)
Flow Range	444-634 GPM	1,680-2,400 LPM	Max Torque ft-lb (Nm)	9,299 (12,600)	11,624 (15,750)
Rotation	0.18 rev/gal		Stall Diff Press psi (kPa)	1,044 (7,200)	1,305 (9,000)
Speed Range	82-117 rpm		Stall Torque ft-lb (Nm)	13,949 (18,900)	17,436 (23,625)
Off Bottom Press	145 psi	1,000 kPa	Max Recommended HP (kW)	205 (154)	257 (192)



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.