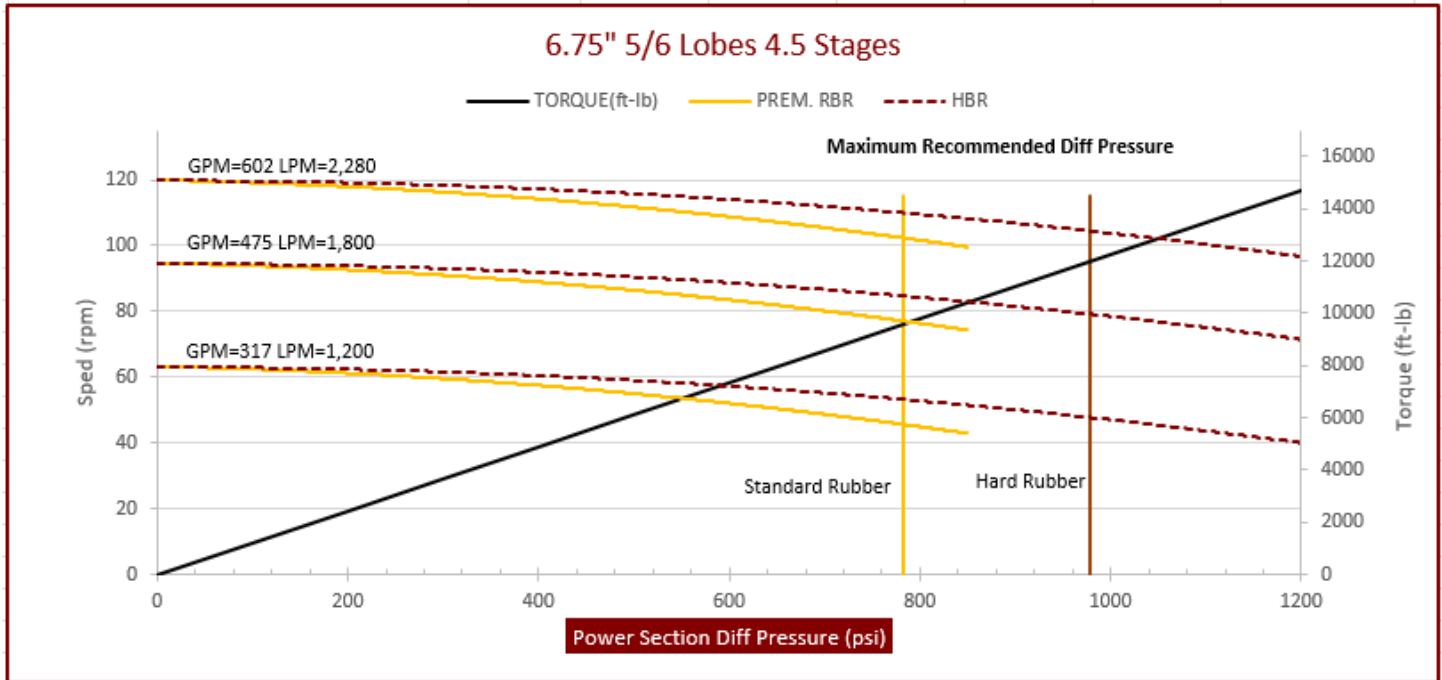


MECHANICAL PERFORMANCE		
Max. Weight on Bit	75,000 lbs	334 kN
Max. Pull to Re-Run	225,000 lbs	1,000 kN
Pull to Yield	650,000 lbs	2,891 kN
Bit to Bend (ABH)	/	/
Bit to Bend (FBH)	57.6 in	1,480 mm
Weight	2,786 lbs	1,264 kg
Length	30.42 ft	9.27 m
Top Connection (Box)	4 1/2" IF	
RSS Connection (Pin)	4 1/2" IF	

FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	1/8" UNDERGAGE					
	HOLE SIZE			HOLE SIZE		
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.25	1.53	0.69	0.15	2.25	2.40	3.00
0.50	2.97	1.78	0.89	3.70	3.85	4.44
0.75	4.42	3.09	2.21	5.14	5.29	5.89
1.00	5.86	3.99	3.23	6.59	6.74	7.33
1.25	7.31	5.12	4.02	8.03	8.18	8.78
1.50	8.75	6.13	4.90	9.48	9.63	10.22
1.75	10.20	7.14	6.12	10.92	11.07	11.66
2.00	11.64	9.32	6.99	12.37	12.51	13.11
2.25	13.09	10.73	8.51	13.81	13.96	14.55
2.50	14.53	11.92	10.46	15.26	15.40	16.00
2.75	15.98	13.10	11.50	16.70	16.85	17.44
3.00	17.42	14.29	12.55	18.15	18.29	18.89

POWER SECTION PERFORMANCE SPECIFICATIONS			POWER SECTION PERFORMANCE DETAILS		
Torque Slope	12.26 ft-lb/psi	2.41 Nm/kPa	Max Diff Press psi (kPa)	783 (5,400)	978 (6,750)
Flow Range	317 - 602 GPM	1,200-2,280 LPM	Max Torque ft-lb (Nm)	9,601 (13,010)	12,002 (16,262)
Rotation	0.199 Rev/Gal		Stall Diff Press psi (kPa)	1,174 (8,100)	1,468 (10,125)
Speed Range	63-120 RPM		Stall Torque ft-lb (Nm)	14,402 (19,515)	18,003 (24,393)
Off Bottom Press	145 psi	995 kPa	Max Recommended HP (kW)	217 (163)	272 (203)



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.