

**MECHANICAL PERFORMANCE**

<b>Max. Weight on Bit</b>	50,000 lbs	222 kN
<b>Max. Pull to Re-Run</b>	100,000 lbs	445 kN
<b>Pull to Yield</b>	300,000 lbs	1,334 kN
<b>Bit to Bend (ABH)</b>	54.6 in	1,386 mm
<b>Bit to Bend (FBH)</b>	44 in	1,116 mm
<b>Weight</b>	1,013 lbs	460 kg
<b>Length</b>	22.3 ft	6.8 m
<b>Top Connection (Box)</b>	3 1/2" IF	
<b>Bit Connection (Box)</b>	3 1/2" Reg	

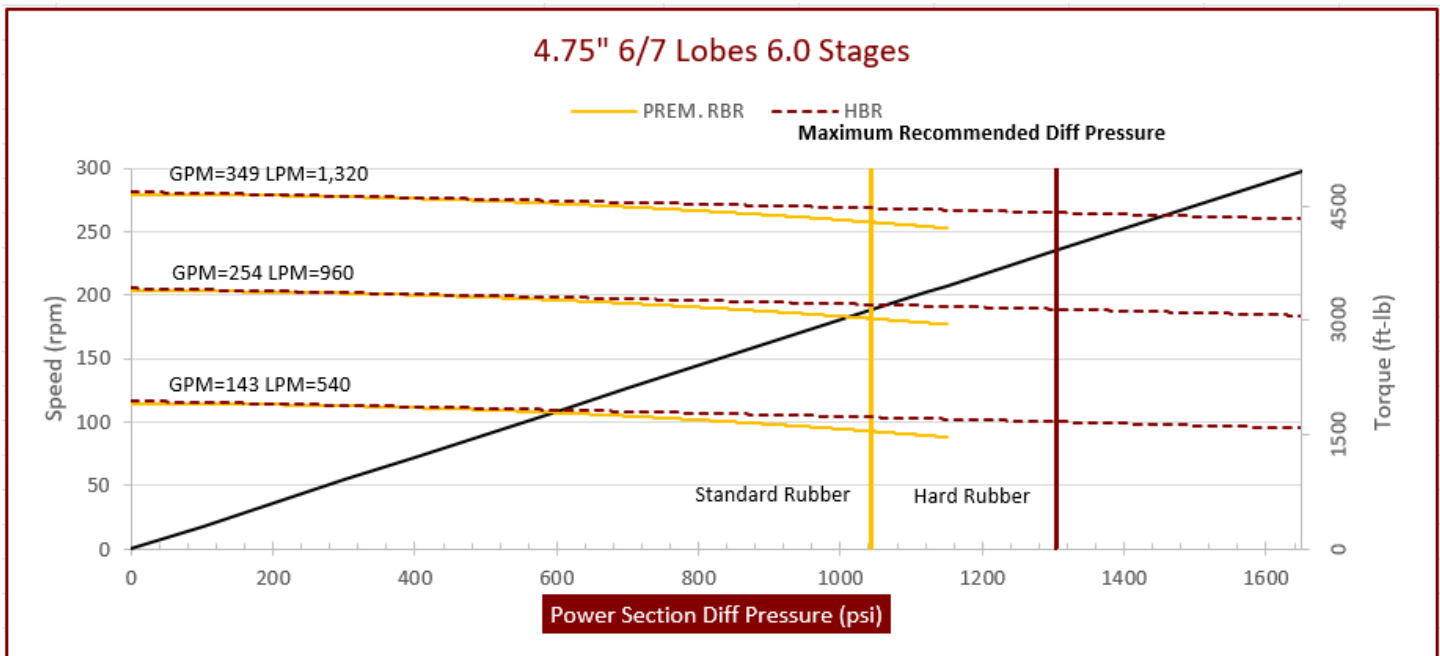
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE					
	6"	6 1/8"	6 3/4"	6"	6 1/8"	6 3/4"
<b>DEG</b>	6"	6 1/8"	6 3/4"	6"	6 1/8"	6 3/4"
<b>0.25</b>	2.22	1.00	0.22	3.06	3.18	3.82
<b>0.50</b>	4.20	2.52	1.26	5.05	5.17	5.81
<b>0.75</b>	6.19	4.33	3.09	7.03	7.15	7.79
<b>1.00</b>	8.17	5.55	4.49	9.01	9.13	9.77
<b>1.25</b>	10.15	7.11	5.58	10.99	11.11	11.75
<b>1.50</b>	12.13	8.49	6.79	12.97	13.09	13.73
<b>1.75</b>	14.11	9.88	8.47	14.96	15.08	15.72
<b>2.00</b>	16.10	12.88	9.66	16.94	17.06	17.70
<b>2.25</b>	18.08	14.82	11.75	18.92	19.04	19.68
<b>2.50</b>	20.06	16.45	14.44	20.90	21.02	21.66
<b>2.75</b>	22.04	18.07	15.87	22.88	23.00	23.64
<b>3.00</b>	24.02	19.70	17.30	24.87	24.99	25.63

**POWER SECTION PERFORMANCE SPECIFICATIONS**

<b>Torque Slope</b>	3 ft-lb/psi	0.599 Nm/kPa
<b>Flow Range</b>	143 - 349 GPM	143 - 349 GPM
<b>Rotation</b>	0.8 Rev/Gal	
<b>Speed Range</b>	115-280 RPM	
<b>Off Bottom Press</b>	135 psi	135 psi

**POWER SECTION PERFORMANCE DETAILS**

	PREM RUBBER	HARD RUBBER
<b>Max Diff Press psi (kPa)</b>	1,044 (7,200)	1,305 (9,000)
<b>Max Torque ft-lb (Nm)</b>	3,181 (4,311)	3,988 (5,388)
<b>Stall Diff Press psi (kPa)</b>	1,566 (10,800)	1,957 (13,500)
<b>Stall Torque ft-lb (Nm)</b>	4,772 (6,466)	5,965 (8,083)
<b>Max Recommended HP (kW)</b>	211 (158)	263 (197)



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.