



**10.00" 7/8 Lobes 5.0 Stages**

**MECHANICAL PERFORMANCE**

<b>Max. Weight on Bit</b>	120,000 lbs	534 kN
<b>Max. Pull to Re-Run</b>	495,000 lbs	2,201 kN
<b>Pull to Yield</b>	1,000,000 lbs	4,448 kN
<b>Bit to Bend (ABH)</b>	--	--
<b>Bit to Bend (FBH)</b>	74.4 in	1,889 mm
<b>Weight</b>	6,078 lbs	2,738 kg
<b>Length</b>	36.56 ft	11.143 m
<b>Top Connection (Box)</b>	6 5/8" Reg; 7 5/8" Reg	
<b>Bit Connection (Box)</b>	6 5/8" Reg; 7 5/8" Reg	

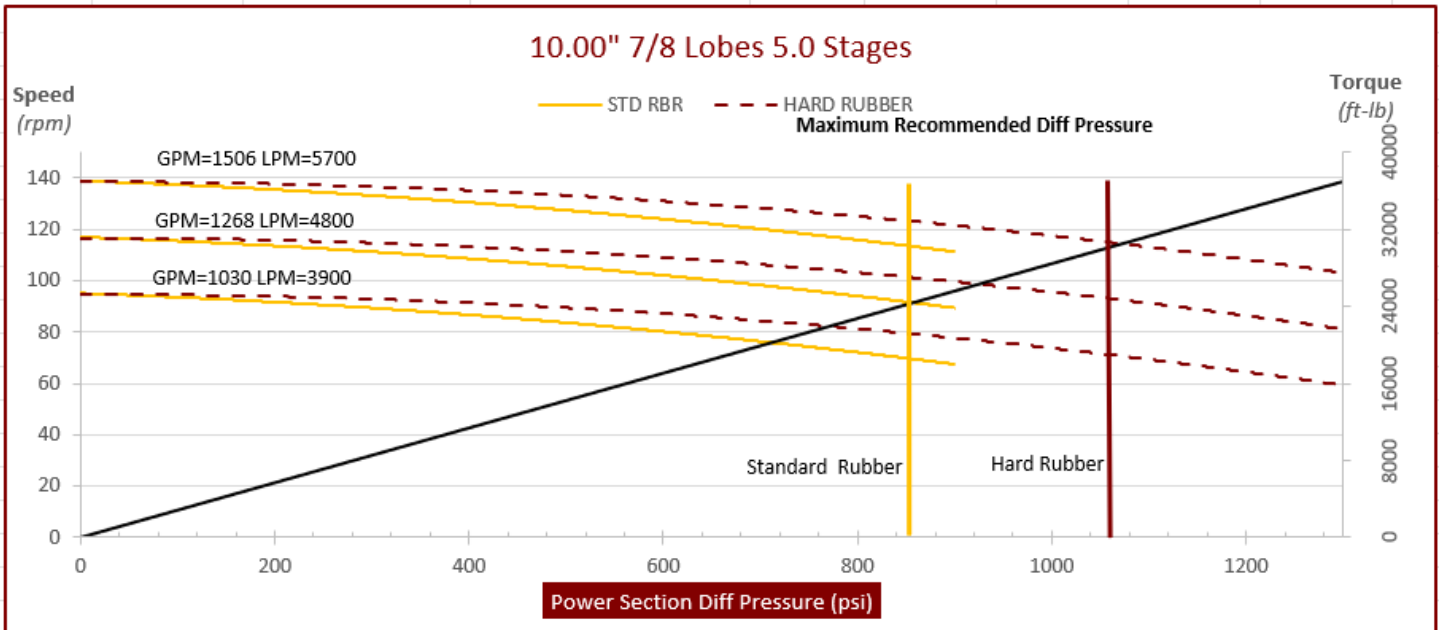
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
	12-1/4"	14 3/4"	17 1/2"	12-1/4"	14 3/4"	17 1/2"
<b>DEG</b>						
<b>0.25</b>	1.06	0.48	0.11	2.02	2.96	4.01
<b>0.50</b>	2.27	1.36	0.68	3.23	4.17	5.22
<b>0.75</b>	3.48	2.44	1.74	4.44	5.39	6.43
<b>1.00</b>	4.69	3.19	2.58	5.65	6.60	7.65
<b>1.25</b>	5.90	4.13	3.25	6.86	7.81	8.86
<b>1.50</b>	7.11	4.98	3.98	8.07	9.02	10.07
<b>1.75</b>	8.32	5.83	4.99	9.28	10.23	11.28
<b>2.00</b>	9.53	7.63	5.72	10.49	11.44	12.49
<b>2.25</b>	10.74	8.81	6.98	11.70	12.65	13.70
<b>2.50</b>	11.96	9.80	8.61	12.91	13.86	14.91
<b>2.75</b>	13.17	10.80	9.48	14.13	15.07	16.12
<b>3.00</b>	14.38	11.79	10.35	15.34	16.28	17.33

**POWER SECTION PERFORMANCE SPECIFICATIONS**

<b>Torque Slope</b>	28.5 ft-lb/psi	5.6 N.m/kPa
<b>Flow Range</b>	1030 - 1506 GPM	3,900-5,700 LPM
<b>Rotation</b>	0.092 Rev/Gal	
<b>Speed Range</b>	95-140 RPM	
<b>Off Bottom Press</b>	296 psi	2,000 kPa

**POWER SECTION PERFORMANCE DETAILS**

	PREM RUBBER	HARD RUBBER
<b>Max Diff Press psi (kPa)</b>	870 (6,000)	1,087 (7,500)
<b>Max Torque ft-lb (Nm)</b>	24,797 (33,600)	30,996 (42,000)
<b>Stall Diff Press psi (kPa)</b>	1,305 (9,000)	1,631 (11,250)
<b>Stall Torque ft-lb (Nm)</b>	37,196 (50,400)	46,494 (63,000)
<b>Max Recommended HP (kW)</b>	663 (493)	828(616)



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.