

MECHANICAL PERFORMANCE

Max. Weight on Bit	140,000 lbs	623 kN
Max. Pull to Re-Run	550,000lbs	2,447 kN
Pull to Yield	1,500,000lbs	6,672 kN
Bit to Bend (ABH)	88.9 in	2,257 mm
Bit to Bend (FBH)	70 in	1,780 mm
Weight	7,040 lb	3,200 kg
Length	30.1 ft	9.2 m
Top Connection (Box)	7 5/8" Reg	
Bit Connection (Box)	7 5/8" Reg	

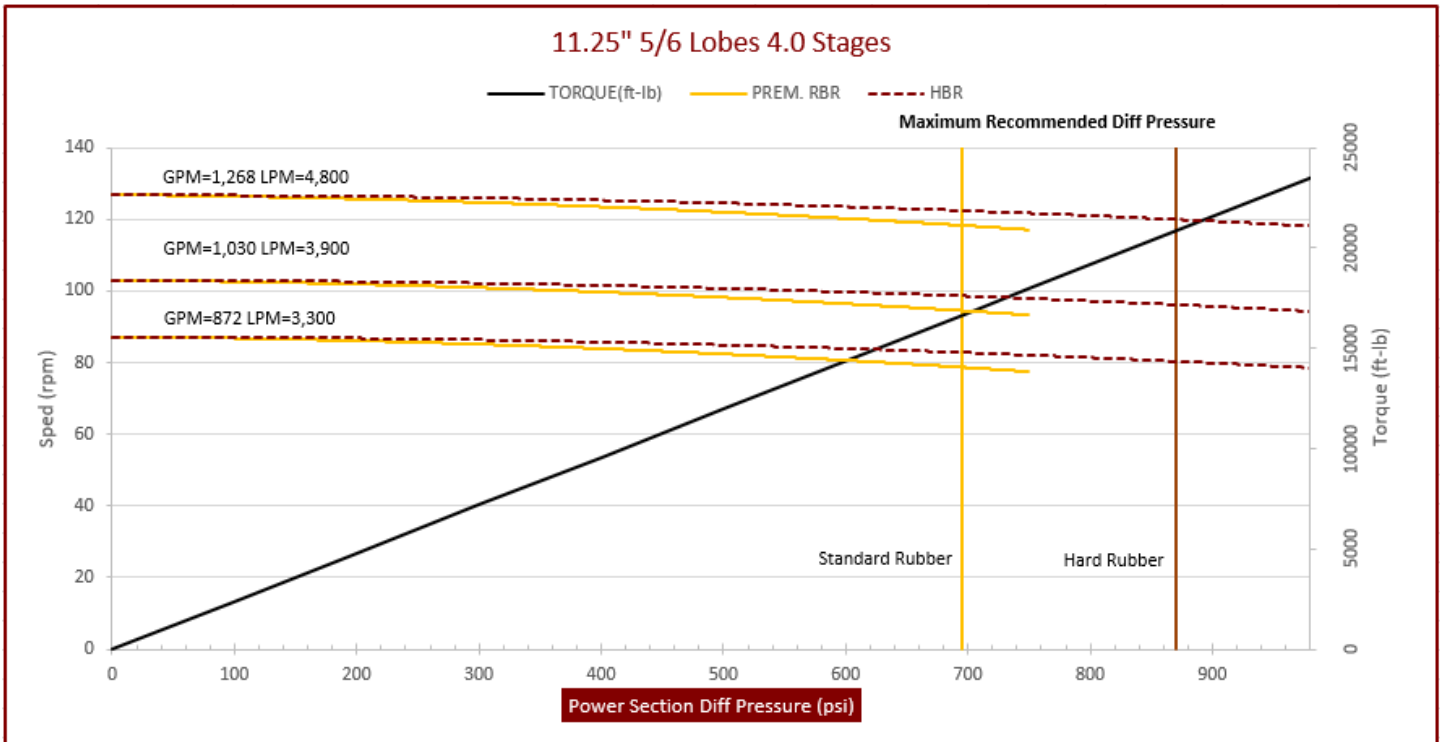
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
	14-3/4"	23-3/4"	26"	14-3/4"	23-3/4"	26"
0.25	1.35	0.61	0.13	4.92	8.27	9.53
0.50	2.69	1.62	0.81	6.27	9.62	10.88
0.75	4.04	2.83	2.02	7.62	10.97	12.23
1.00	5.39	3.66	2.96	8.96	12.32	13.57
1.25	6.74	4.72	3.70	10.31	13.66	14.92
1.50	8.08	5.66	4.53	11.66	15.01	16.27
1.75	9.43	6.60	5.66	13.00	16.36	17.61
2.00	10.78	8.62	6.47	14.35	17.70	18.96
2.25	12.12	9.94	7.88	15.70	19.05	20.31
2.50	13.47	11.05	9.70	17.05	20.40	21.66
2.75	14.82	12.15	10.67	18.39	21.75	23.00
3.00	16.17	13.26	11.64	19.74	23.09	24.35

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	23.93 ft-lb/psi	4.70 N.m/kPa
Flow Range	872-1268 GPM	3300-4800 LPM
Rotation	0.10 Rev/Gal	
Speed Range	91-132 RPM	
Off Bottom Press	189 psi	1,303 kpa

POWER SECTION PERFORMANCE DETAILS

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	695 (4,800)	870 (6,000)
Max Torque ft-lb (Nm)	16,658 (22,571)	20,822 (28,213)
Stall Diff Press psi (kPa)	1,044 (7,200)	1,305 (9,000)
Stall Torque ft-lb (Nm)	24,987 (33,856)	31,234 (42,320)
Max Recommended HP (kW)	416 (312)	521 (390)



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.