

MECHANICAL PERFORMANCE

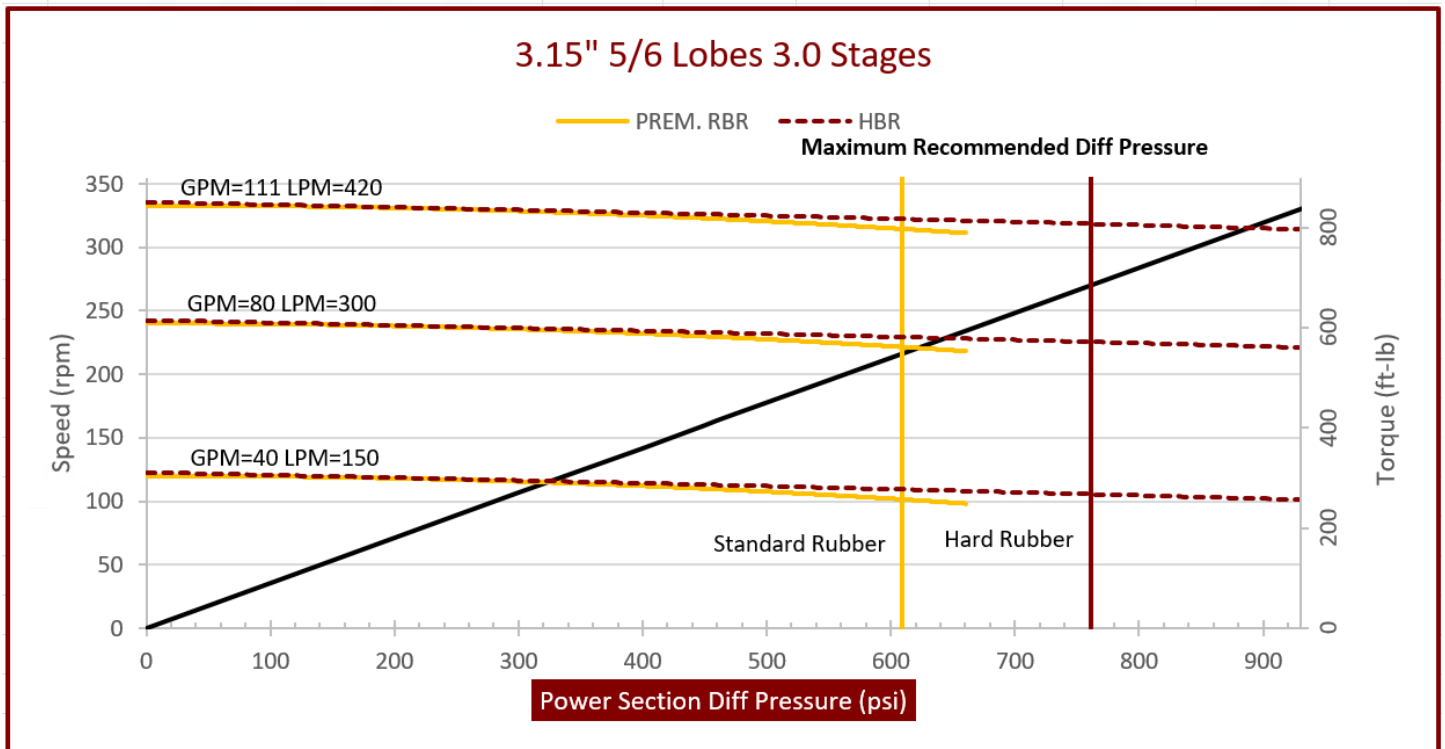
Max. Weight on Bit	12,000 lbs	53 kN
Max. Pull to Re-Run	50,000 lbs	222 kN
Pull to Yield	140,000 lbs	622 kN
Bit to Bend (ABH)	40 in	1016 mm
Bit to Bend (FBH)	29.5 in	750 mm
Weight	236 lbs	107 kg
Length	13 ft	4 m
Top Connection (Box)	2 3/8" Reg	
Bit Connection (Box)	2 3/8" Reg	

FBH SETTING	SLICK HOUSING HOLE SIZE		
	DEG	3 3/4"	4 1/2"
0.25	3.29	1.48	0.33
0.50	6.58	3.95	1.97
0.75	9.86	6.90	4.93
1.00	13.15	8.94	7.23
1.25	16.44	11.51	9.04
1.50	19.73	13.81	11.05
1.75	23.02	16.11	13.81
2.00	26.30	21.04	15.78
2.25	29.59	24.27	19.24
2.50	32.88	26.96	23.67
2.75	36.17	29.66	26.04
3.00	39.46	32.36	28.41

POWER SECTION PERFORMANCE SPECIFICATIONS
POWER SECTION PERFORMANCE DETAILS

PREM RUBBER HARD RUBBER

Torque Slope	0.9 ft-lb/psi 0.177 Nm/kPa	Max Diff Press psi (kPa)	609 (4,200)	761 (5,250)
Flow Range	40 - 111 GPM 150- 420 LPM	Max Torque ft-lb (Nm)	549 (744)	686 (930)
Rotation	3 Rev/Gal	Stall Diff Press psi (kPa)	913 (6,300)	1,141 (7,875)
Speed Range	120-333 RPM	Stall Torque ft-lb (Nm)	823 (1,116)	1,029 (1,395)
Off Bottom Press	290 psi 2,000 kPa	Max Recommended HP (kW)	33 (25)	41 (31)



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.