

MECHANICAL PERFORMANCE

Max. Weight on Bit	20,000 lb	89 kn
Max. Pull to Re-Run	60,000 lb	267 kn
Pull to Yield	172,000 lb	765 kn
Bit to Bend (ABH)	36 in	914 mm
Bit to Bend (FBH)	29 in	736 mm
Weight(ABH)	253 lb	115 kg
Weight(FBH)		
Length	10.1 ft	3.1m
Top Connection (Box)	2 3/8 REG	
Bit Connection (Box)	2 3/8 REG	

**SLICK HOUSING
ABH
HOLE SIZE**

**SLICK HOUSING
FBH
HOLE SIZE**

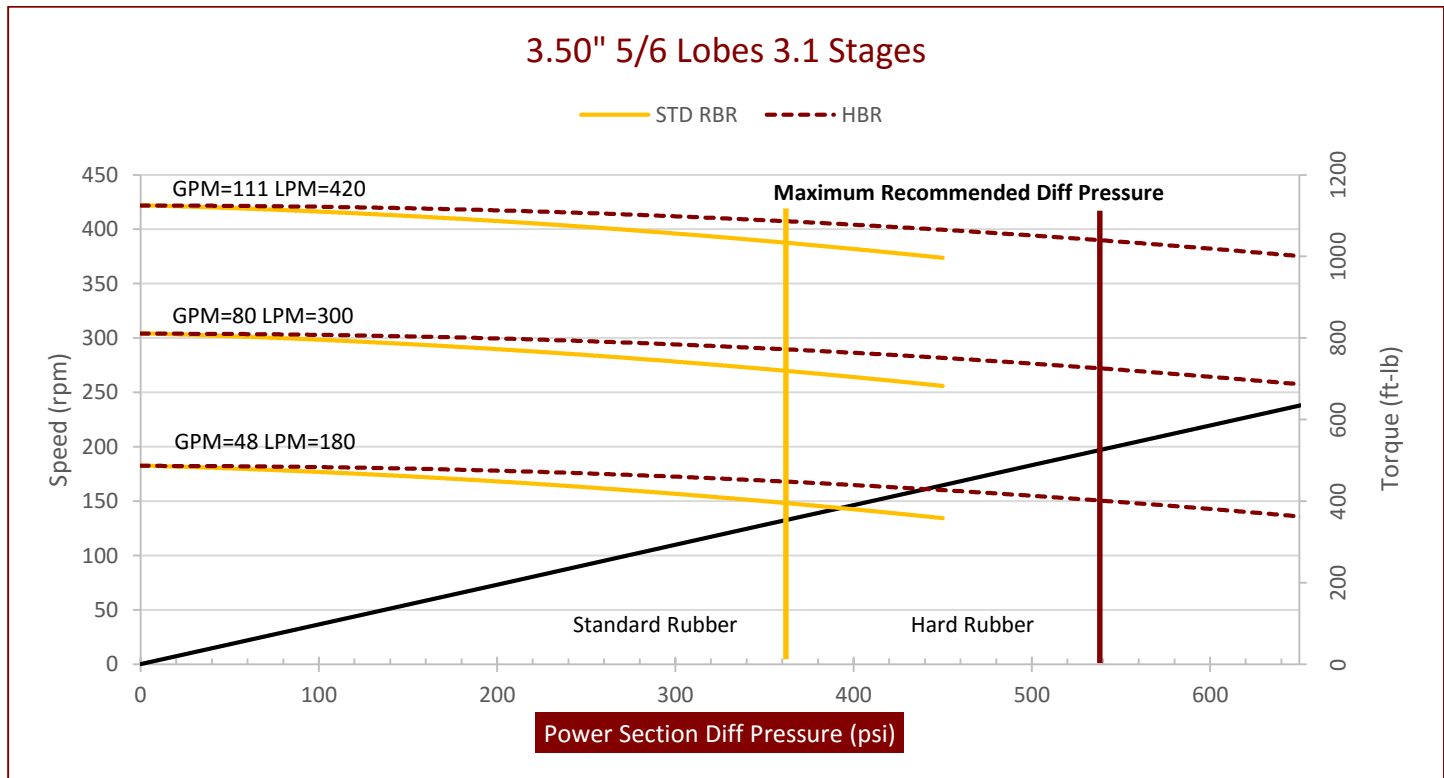
DEG	4 1/2"	5"	DEG	4 1/2"	5"
0.39	2.2	2.2	0.25	2.9	2.6
0.78	4.5	4.4	0.50	4.9	4.6
1.15	6.7	6.5	0.75	6.9	6.5
1.50	10.7	8.5	1.00	10.0	9.5
1.83	14.4	12.2	1.25	12.0	11.2
2.12	20.0	15.5	1.50	14.0	13.6
2.38	20.7	18.5	1.75	17.3	16.9
2.60	23.2	20.9	2.00	20.1	18.7
2.77	25.1	22.9	2.25	21.4	21.1
2.89	26.5	24.2	2.50	24.9	24.6
2.97	27.4	25.1	2.75	26.6	26.3
3.00	27.8	25.5	3.00	28.9	28.6

POWER SECTION PERFORMANCE SPECIFICATIONS

POWER SECTION PERFORMANCE DETAILS

STD RUBBER HARD RUBBER

Torque Slope	0.976 ft-lb/ psi	0.192 Nm/kPa	Max Diff Press psi (kPa)	363 (2500)	544 (3750)
Flow Range	48-111 GPM	180-420 LPM	Max Torque ft-lb (Nm)	354 (480)	531 (720)
Rotation	3.8 rev/gal		Stall Diff Press psi (kPa)	544.5 (3750)	816 (5625)
Speed Range	180-420 RPM		Stall Torque ft-lb (Nm)	531 (720)	796 (1080)
Off Bottom Press	82 psi	566 kPa	Max Recommended HP (kW)	21 (15.6)	31.2 (24)



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.