

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)	280 lb	127 kg
Weight(FBH)		
Length	11.7 ft	3.566 m
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	0.6	0	0.25	1.6	0.0
0.78	6.7	2.4	0.50	3.6	1.1
1.15	12.6	8.2	0.75	7.1	2.5
1.50	18.1	13.7	1.00	12.1	7.2
1.83	23.3	18.9	1.25	15.6	10.1
2.12	27.9	23.5	1.50	19.1	14.4
2.38	32.0	27.6	1.75	24.5	19.9
2.60	35.5	31.0	2.00	27.3	23.2
2.77	38.2	33.7	2.25	31.5	26.9
2.89	40.0	35.6	2.50	36.4	30.7
2.97	41.3	36.9	2.75	40.2	35.4
3.00	41.8	37.3	3.00	44.0	39.2

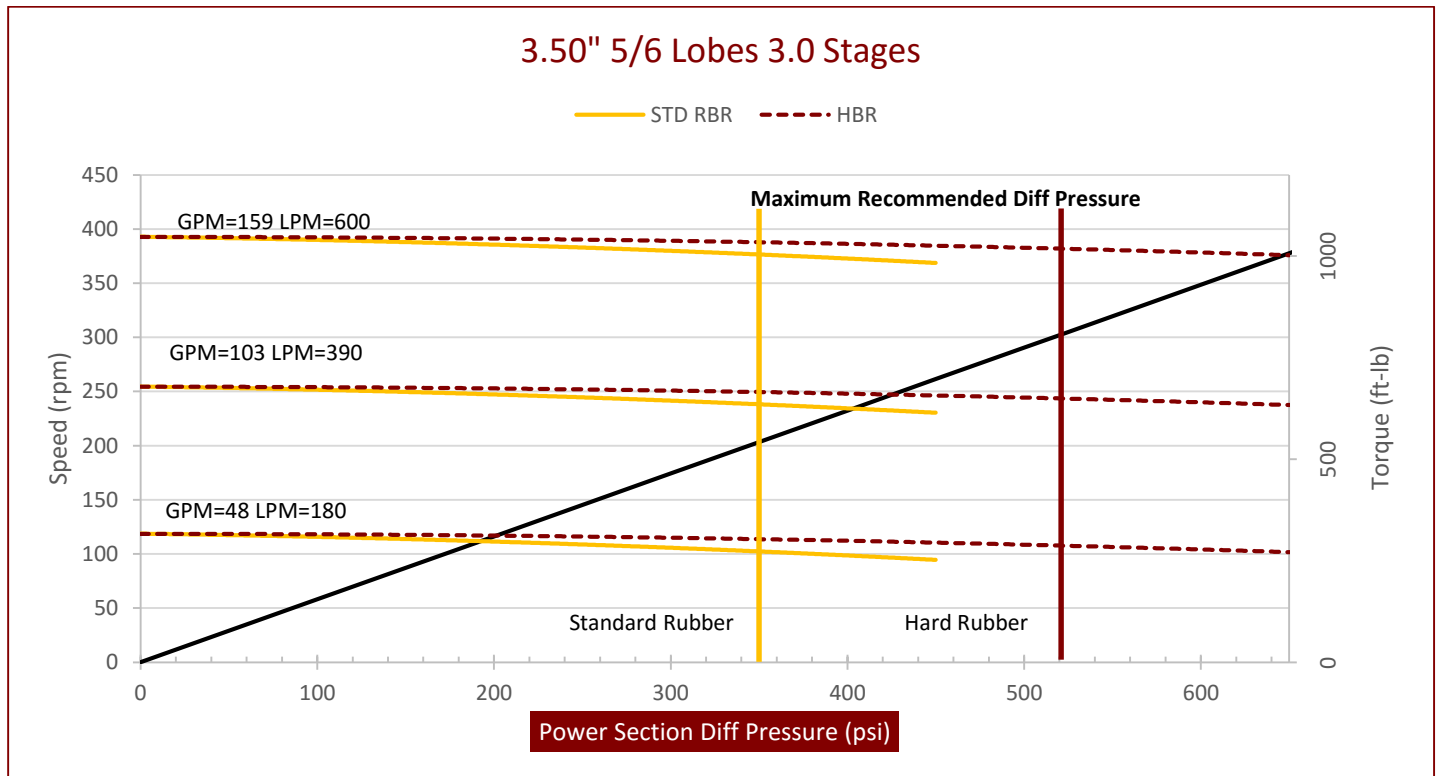
POWER SECTION PERFORMANCE SPECIFICATIONS

POWER SECTION PERFORMANCE DETAILS

STD RUBBER HARD RUBBER

Torque Slope	1.549 ft-lb/ psi	0.304 Nm/kPa	Max Diff Press psi (kPa)	348 (2,400)	522 (3,600)
Flow Range	48-159 GPM	180-600 LPM	Max Torque ft-lb (Nm)	539 (730)	808 (1,095)
Rotation	2.47 rev/gal		Stall Diff Press psi (kPa)	522 (3,600)	783 (5,401)
Speed Range	118-392 RPM		Stall Torque ft-lb (Nm)	808 (1,095)	1,212 (1,643)
Off Bottom Press	90 psi	621 kPa	Max Recommended HP (kW)	25 (20)	40 (30)

3.50" 5/6 Lobes 3.0 Stages



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.