

MECHANICAL PERFORMANCE

Max. Weight on Bit	40,000 lbs	178 kN
Max. Pull to Re-Run	100,000 lbs	445 kN
Pull to Yield	300,000 lbs	1,334 kN
Bit to Bend (ABH)	50 in	1,266 mm
Bit to Bend (FBH)	43 in	1,100 mm
Weight	805 lbs	365 kg
Length	18.80 ft	5.72 m
Top Connection (Box)	3 1/2" Reg/IF	
Bit Connection (Box)	3 1/2" Reg	

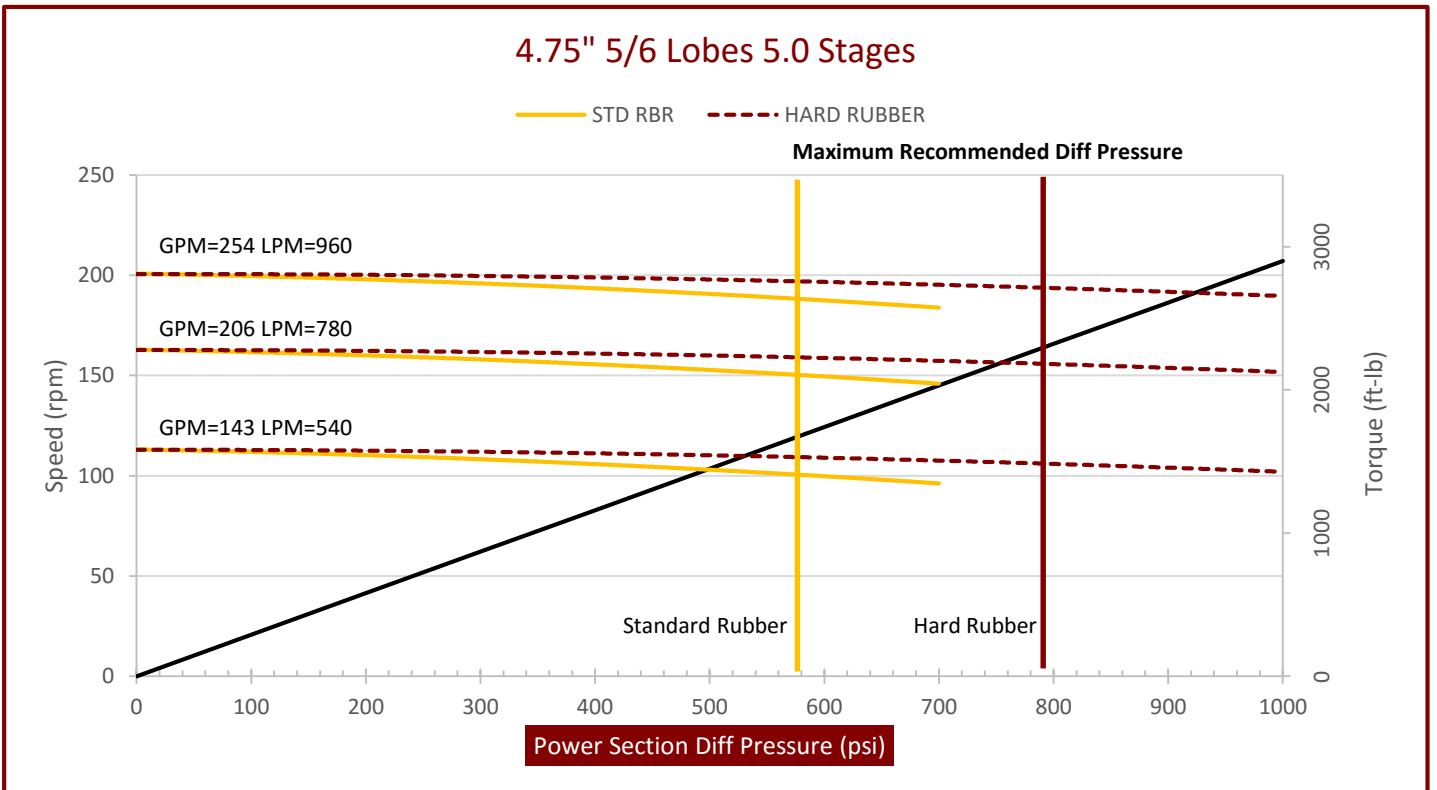
ABH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	6"	6 1/8"	6 3/4"	6"	6 1/8"	6 3/4"
0.39	2.50	1.90	0.00	5.80	5.60	4.90
0.78	6.10	5.50	2.80	9.30	9.10	8.40
1.15	9.50	8.90	6.20	12.60	12.40	11.70
1.50	12.70	12.10	9.40	15.70	15.60	14.80
1.83	15.70	15.10	12.40	18.70	18.50	17.80
2.12	18.30	17.80	15.10	21.30	21.10	20.40
2.38	20.70	20.20	17.40	23.60	23.50	22.70
2.60	22.70	22.20	19.50	25.60	25.40	24.70
2.77	24.30	23.80	21.00	27.10	26.90	26.20
2.89	25.40	24.90	22.00	28.20	28.00	27.30
2.97	26.10	25.60	22.80	28.90	28.70	28.00
3.00	26.40	25.90	23.10	29.20	29.00	28.30

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	2.90 ft-lb/psi	570 Nm/kPa
Flow Range	143 - 254 GPM	540-960 LPM
Rotation	0.800 Rev/Gal	
Speed Range	110-200 RPM	
Off Bottom Press.	105 psi	720 kPa

POWER SECTION PERFORMANCE DETAILS

	STD RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	580 (4,000)	797.7 (5,500)
Max Torque ft-lb (Nm)	1,683 (2,280)	2,312 (3,135)
Stall Diff Press psi (kPa)	1,015 (7,000)	1,195 (8,246)
Stall Torque ft-lb (Nm)	2,945 (3,990)	3,466 (4,700)
Max Recommended HP (kW)	67 (50)	92 (68.75)



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.