

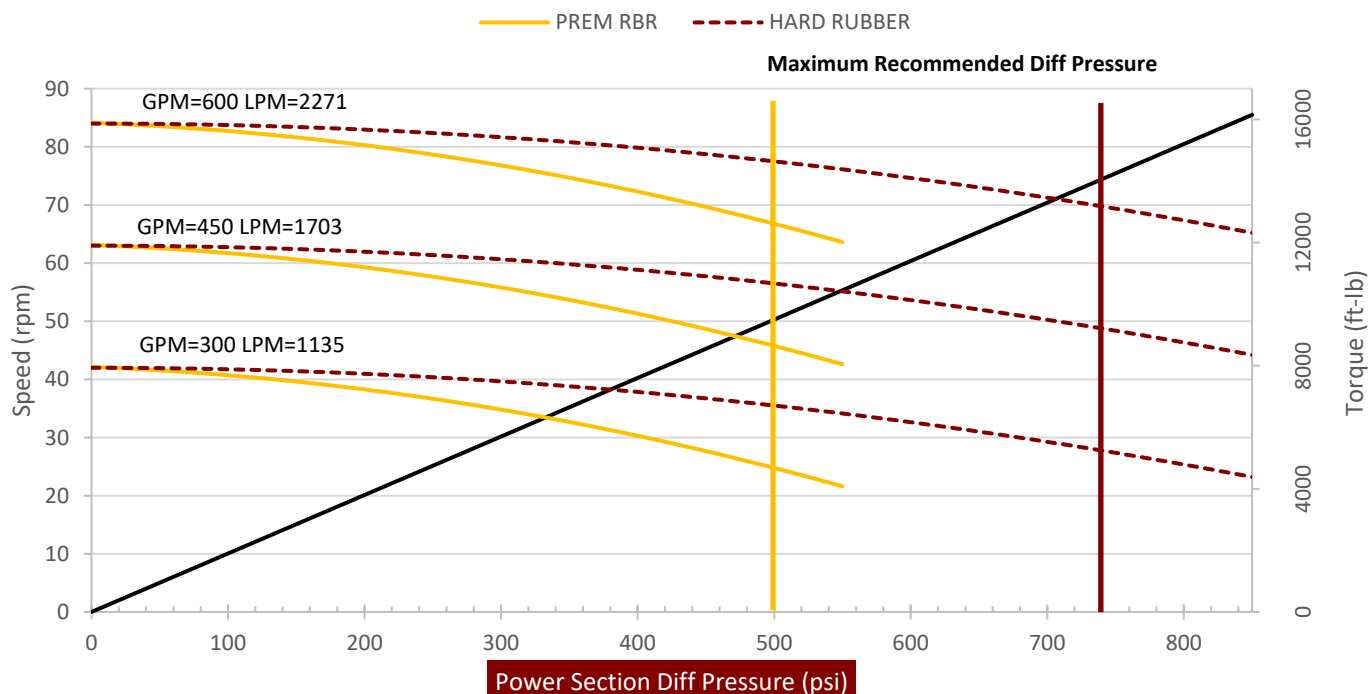
MECHANICAL PERFORMANCE

Max. Weight on Bit	75,000 lbs	334 kN
Max. Pull to Re-Run	225,000 lbs	1,000 kN
Pull to Yield	650,000 lbs	2,891 kN
Bit to Bend (ABH)	72 in	1,833 mm
Bit to Bend (FBH)	57 in	1,450mm
Weight	2,500 lbs	1,134 kg
Length	32.58 ft	9.9 m
Top Connection (Box)	4 1/2" XH; 4 1/2" IF	
Bit Connection (Box)	4 1/2" Reg; 6 5/8" Reg 4 1/2" XH; 4 1/2" IF	

ABH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.39	1.93	1.93	1.76	2.79	2.91	3.49
0.78	3.87	3.30	3.01	4.86	4.98	5.56
1.15	5.70	5.22	3.76	6.82	6.94	7.52
1.50	7.44	6.88	4.62	8.68	8.80	9.38
1.83	9.08	8.54	6.27	10.43	10.55	11.13
2.12	10.51	9.99	7.78	11.96	12.08	12.67
2.38	11.80	11.29	9.01	13.34	13.46	14.05
2.60	12.90	12.38	10.13	14.51	14.63	15.21
2.77	13.74	13.23	10.99	15.41	15.53	16.11
2.89	14.33	13.83	11.59	16.05	16.17	16.75
2.97	14.73	14.23	12.01	16.47	16.59	17.17
3.00	14.88	14.37	12.15	16.63	16.75	17.33

POWER SECTION PERFORMANCE SPECIFICATIONS
POWER SECTION PERFORMANCE DETAILS

			PREM RUBBER		HARD RUBBER	
Torque Slope	19.000 ft-lb/psi	3.736 Nm/kPa	Max Diff Press psi (kPa)	500 (3,410)	740 (5,120)	
Flow Range	300 - 600 GPM	1,135-2,271 LPM	Max Torque ft-lb (Nm)	9,410 (12,750)	14,110 (19,130)	
Rotation	0.140 Rev/Gal		Stall Diff Press psi (kPa)	740 (5,120)	1,110 (7,680)	
Speed Range	42-84 RPM		Stall Torque ft-lb (Nm)	14,110 (19,130)	21,160 (28,690)	
Off Bottom Press	150 psi	1,030 kPa	Max Recommended HP (kW)	150 (112)	212 (158)	

6.75" 7/8 Lobes 3.3 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.