

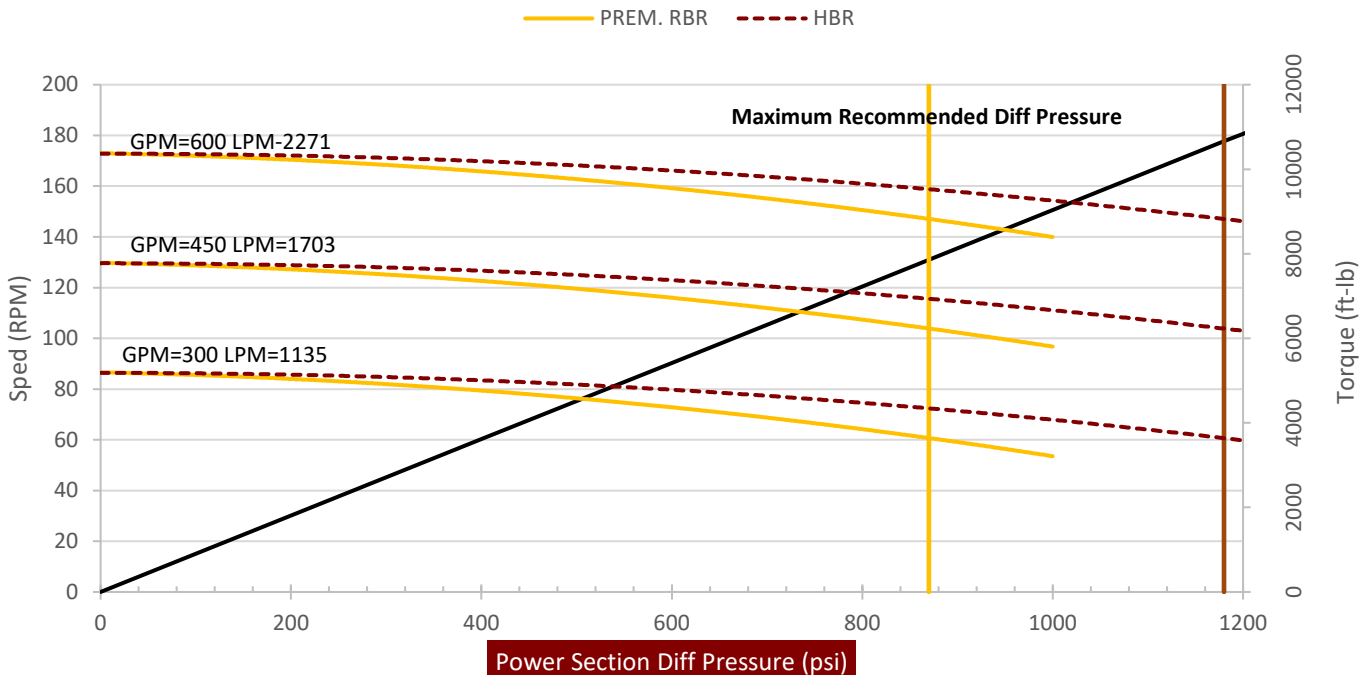
MECHANICAL PERFORMANCE

Max. Weight on Bit	75,000 lbs	333 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	1,829 mm
Bit to Bend (FBH)	57 in	1,448 mm
Weight	2,400lbs	1,088 kg
Length	27 ft	8.23 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" IF; 4 1/2" XH	

ABH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.39	2.14	2.14	1.94	3.28	3.44	4.22
0.78	4.27	3.64	3.32	5.59	5.75	6.53
1.15	6.30	5.77	4.16	7.78	7.94	8.72
1.50	8.22	7.60	5.11	9.85	10.01	10.79
1.83	10.03	9.43	6.93	11.80	11.97	12.74
2.12	11.62	11.04	8.60	13.52	13.68	14.46
2.38	13.04	12.47	9.95	15.06	15.22	16.00
2.60	14.25	13.68	11.20	16.36	16.53	17.30
2.77	15.18	14.62	12.15	17.37	17.53	18.31
2.89	15.84	15.28	12.81	18.08	18.24	19.02
2.97	16.28	15.72	13.27	18.56	18.72	19.50
3.00	16.44	15.88	13.42	18.73	18.89	19.67

POWER SECTION PERFORMANCE SPECIFICATIONS
POWER SECTION PERFORMANCE DETAILS

		PREM RUBBER	HARD RUBBER
Torque Slope	9.034 ft-lb/psi 1.768 Nm/kPa	870 (6,000)	1,180 (8,200)
Flow Range	300 - 600 GPM 1,135-2,271 LPM	7,860 (10,657)	10,650 (14,500)
Rotation	0.288 Rev/Gal	1,305 (9,000)	1,860 (12,800)
Speed Range	86.4-172.8 RPM	11,790 (15,985)	16,770 (22,800)
Off Bottom Press	137 psi 940 kPa	204 (152)	323 (241)

6.75" 7/8 Lobes 5.0 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.