

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	2,650lbs	1,202 kg
Length	30.4 ft	9.26 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	

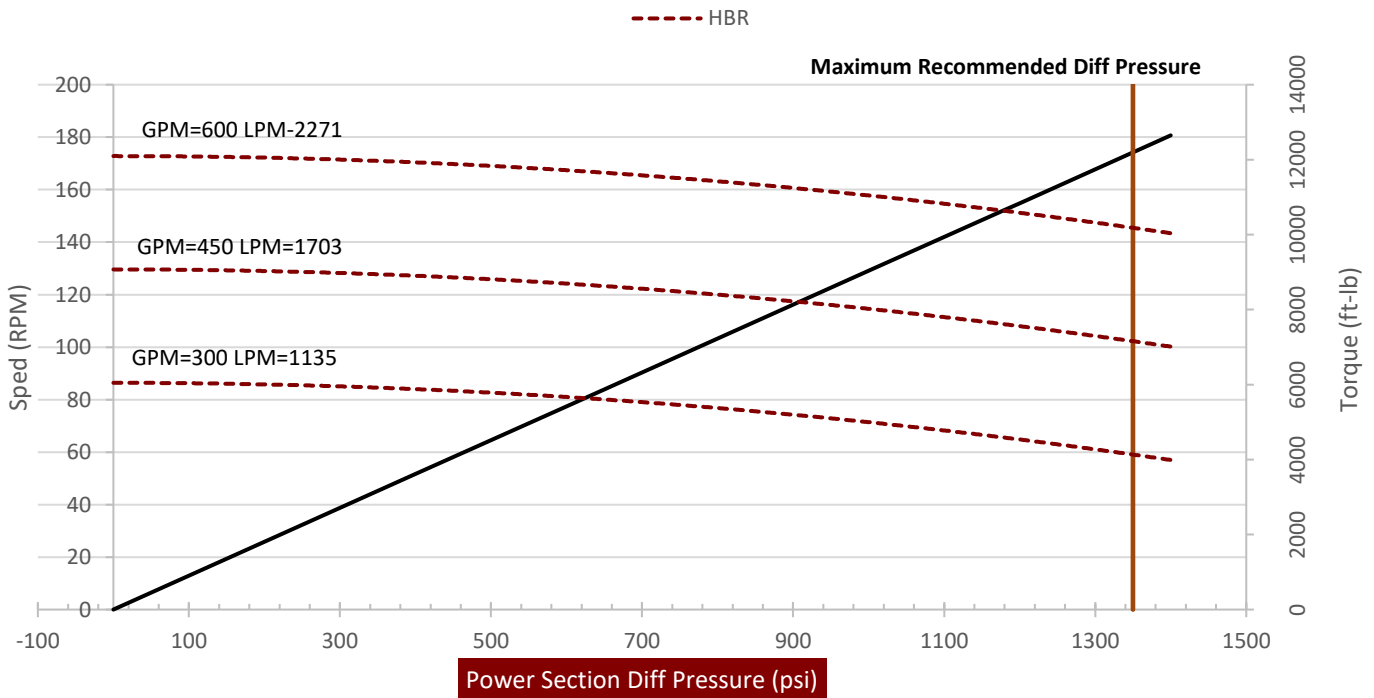
ABH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.39	1.98	1.98	1.80	2.89	3.02	3.64
0.78	3.96	3.37	3.08	5.02	5.14	5.77
1.15	5.84	5.34	3.85	7.03	7.16	7.78
1.50	7.62	7.04	4.73	8.93	9.06	9.68
1.83	9.29	8.74	6.42	10.73	10.86	11.48
2.12	10.76	10.23	7.97	12.31	12.44	13.06
2.38	12.08	11.55	9.22	13.72	13.85	14.47
2.60	13.20	12.68	10.37	14.92	15.05	15.67
2.77	14.06	13.54	11.25	15.84	15.97	16.59
2.89	14.67	14.15	11.86	16.50	16.63	17.25
2.97	15.08	14.56	12.29	16.93	17.06	17.68
3.00	15.23	14.71	12.43	17.10	17.22	17.85

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	9.300 ft-lb/psi	1.829 Nm/kPa
Flow Range	300 - 600 GPM	1,135-2,271 LPM
Rotation	0.288 Rev/Gal	
Speed Range	86-180 RPM	
Off Bottom Press	155 psi	1,070 kPa

POWER SECTION PERFORMANCE DETAILS

	HARD RUBBER
Max Diff Press psi (kPa)	1,350 (9,310)
Max Torque ft-lb (Nm)	12,560 (17,020)
Stall Diff Press psi (kPa)	2,030 (13,960)
Stall Torque ft-lb (Nm)	18,830 (25,540)
Max Recommended HP (kW)	387 (289)

6.75" 7/8 Lobes 6.0 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.