

MECHANICAL PERFORMANCE

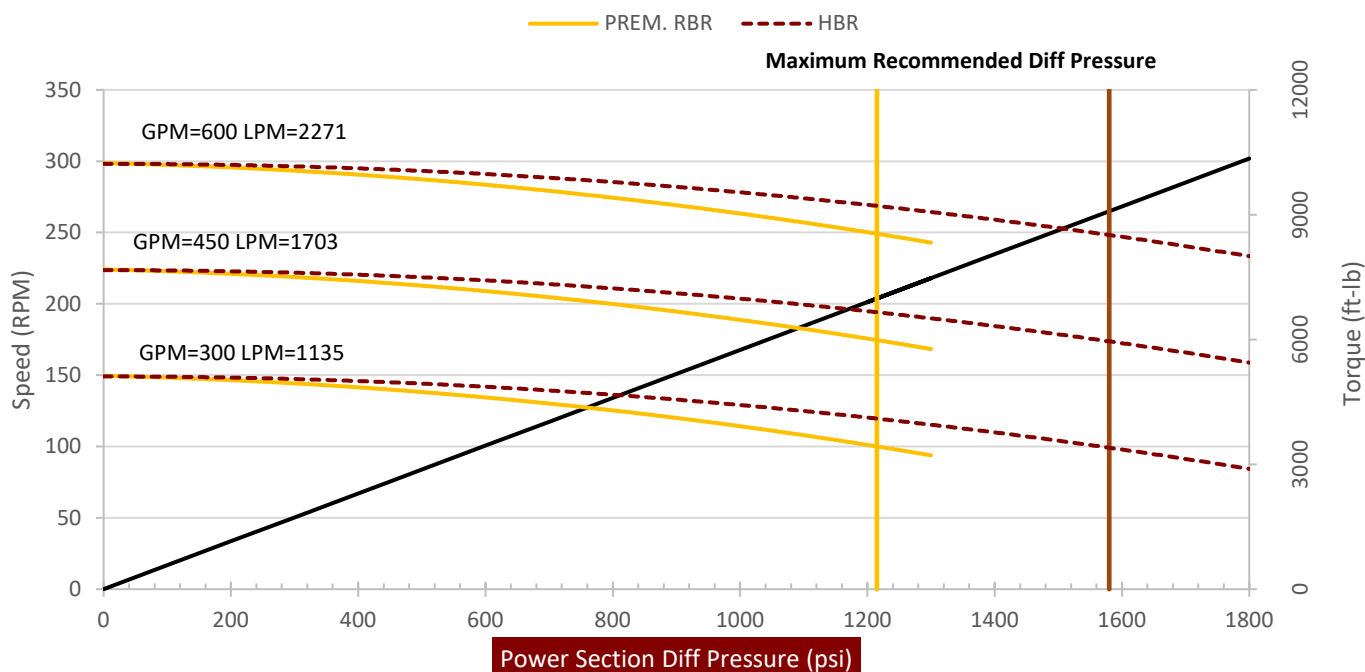
Max. Weight on Bit	75,000 lbs	334 kN
Max. Pull to Re-Run	225,000 lbs	1,000 kN
Pull to Yield	650,000 lbs	2,891 kN
Bit to Bend (ABH)	72 in	1,833 mm
Bit to Bend (FBH)	57 in	1,450 mm
Weight	2,400lbs	1,088 kg
Length	28.66 ft	8.73 m
Top Connection (Box)	4 1/2" XH; 4 1/2" IF	
Bit Connection (Box)	4 1/2" Reg; 6 5/8" Reg 4 1/2" XH; 4 1/2" IF	

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	2.07	2.07	1.88	3.11	3.25	3.96
0.78	4.13	3.52	3.21	5.33	5.48	6.19
1.15	6.09	5.57	4.02	7.45	7.59	8.30
1.50	7.95	7.35	4.94	9.45	9.59	10.30
1.83	9.70	9.12	6.70	11.33	11.48	12.19
2.12	11.24	10.68	8.32	12.99	13.14	13.84
2.38	12.61	12.06	9.62	14.48	14.62	15.33
2.60	13.78	13.23	10.83	15.73	15.88	16.59
2.77	14.68	14.14	11.74	16.71	16.85	17.56
2.89	15.32	14.78	12.39	17.39	17.54	18.24
2.97	15.74	15.20	12.83	17.85	17.99	18.70
3.00	15.90	15.36	12.98	18.02	18.17	18.87

POWER SECTION PERFORMANCE SPECIFICATIONS
POWER SECTION PERFORMANCE DETAILS
PREM. RUBBER HARD RUBBER

Torque Slope	5.75 ft-lb/psi	1.135 Nm/kPa	Max Diff Press psi (kPa)	1,215 (8,377)	1,580 (10,860)
Flow Range	300 - 600 GPM	1,135-2,271 LPM	Max Torque ft-lb (Nm)	6,990 (9,477)	9,090 (12,330)
Rotation	0.497 Rev/Gal		Stall Diff Press psi (kPa)	1,823 (12,570)	2,360 (16,290)
Speed Range	149.1-298.2 RPM		Stall Torque ft-lb (Nm)	10,500 (14,236)	13,630 (18,490)
Off Bottom Press	184 psi	1,270 kPa	Max Recommended HP (kW)	297 (221)	482 (360)

6.75" 4/5 Lobes 7.0 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.