

MECHANICAL PERFORMANCE

Max. Weight on Bit	75000 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	1,833 mm
Bit to Bend (FBH)	57 in	1,450mm
Weight	1,765 lbs	802 kg
Length	19.4 ft	5.9 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	

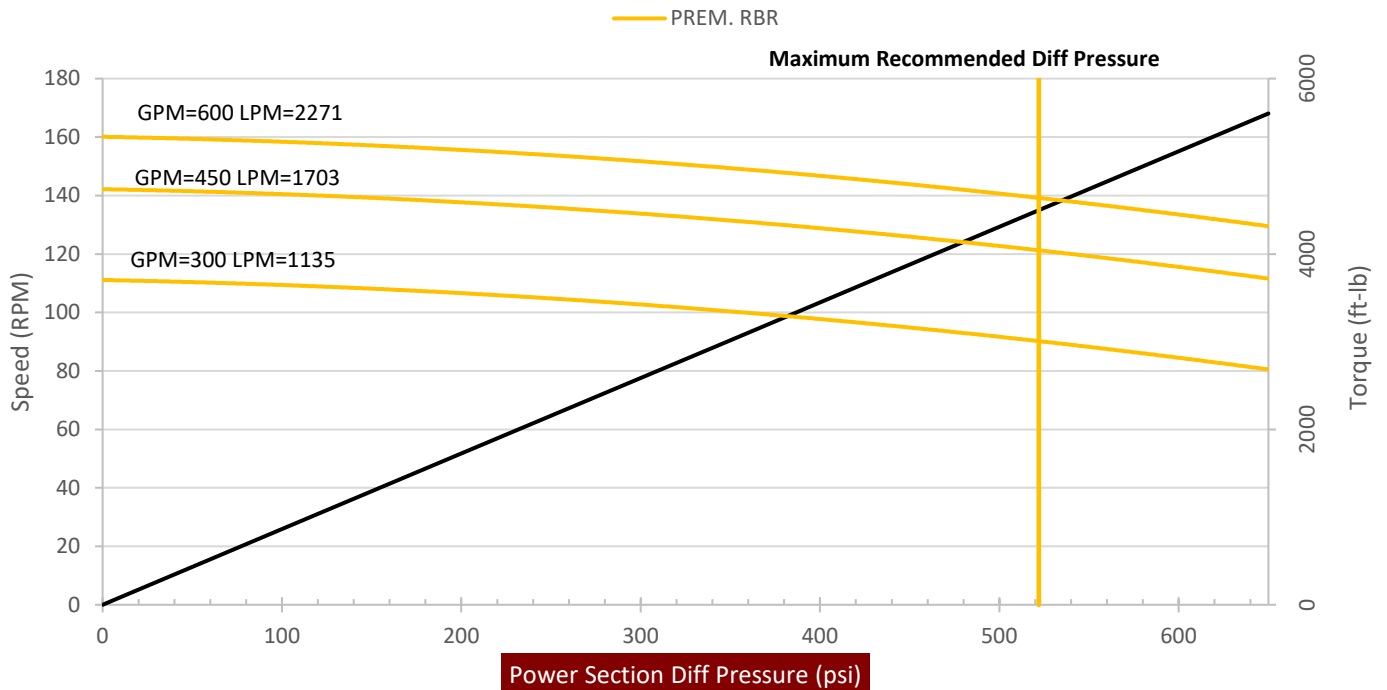
ABH SETTING	SLICK HOUSING			STABILIZER		
	HOLE SIZE					
DEG	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"
0.39	2.62	2.62	2.38	4.91	5.25	6.84
0.78	5.24	4.47	4.08	7.84	8.18	9.77
1.15	7.73	7.07	5.10	10.62	10.96	12.55
1.50	10.09	9.32	6.27	13.25	13.58	15.18
1.83	12.31	11.57	8.50	15.73	16.06	17.66
2.12	14.26	13.54	10.55	17.91	18.24	19.84
2.38	16.00	15.30	12.21	19.87	20.20	21.80
2.60	17.48	16.79	13.74	21.52	21.85	23.45
2.77	18.63	17.94	14.90	22.80	23.13	24.73
2.89	19.43	18.74	15.71	23.70	24.03	25.63
2.97	19.97	19.29	16.28	24.30	24.63	26.23
3.00	20.17	19.49	16.47	24.52	24.86	26.45

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	8.618 ft-lb/psi	1.694 Nm/kPa
Flow Range	396 - 571 GPM	1,500-2,160 LPM
Rotation	0.28 Rev/Gal	
Speed Range	111-160 RPM	
Off Bottom Press	111 psi	770 kPa

POWER SECTION PERFORMANCE DETAILS

PREM RUBBER	
Max Diff Press psi (kPa)	522 (3,600)
Max Torque ft-lb (Nm)	4,499 (6,100)
Stall Diff Press psi (kPa)	783 (5,400)
Stall Torque ft-lb (Nm)	6,748 (9,150)
Max Recommended HP (kW)	114.6 (85.5)

6.75" 7/8 Lobes 3.0 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.