

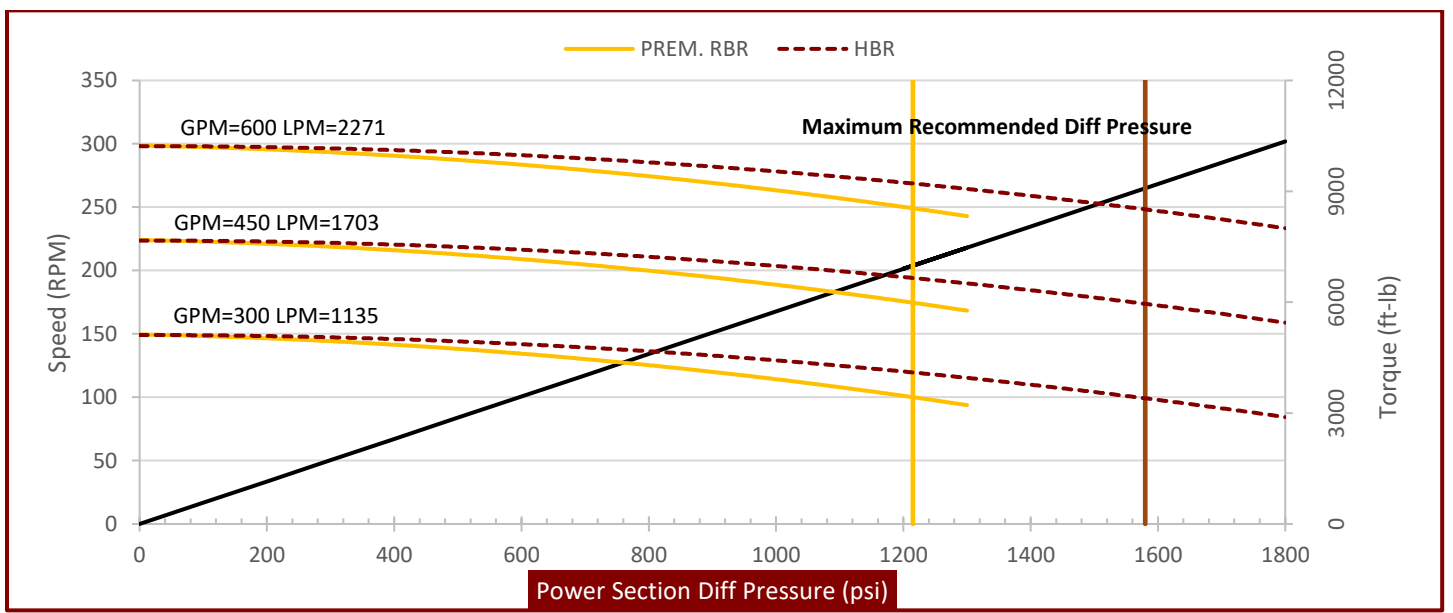


# 6-3/4" 4/5 Lobes 7.0 Stages SBTB

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)	61 in	1,550 mm
Bit to Bend (FBH)	46 in	1,168 mm
Weight	2,400lbs	1,088 kg
Length	28 ft	8.53 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	

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

DEG	BUILD RATE - ABH						BUILD RATE - FBH						
	SLICK HOUSING			STABILIZER			SLICK HOUSING			STABILIZER			
	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"	8 1/2"	8 3/4"	9 7/8"	
0.39	2.21	2.21	2.01	3.27	3.42	4.16	1.00	5.87	5.87	5.34	7.16	7.32	8.06
0.78	4.41	3.76	3.43	5.61	5.77	6.51	1.25	7.34	6.25	5.71	8.72	8.88	9.62
1.15	6.51	5.96	4.29	7.84	7.99	8.74	1.50	8.81	8.06	5.81	10.28	10.44	11.18
1.50	8.49	7.85	5.27	9.95	10.10	10.84	1.75	10.27	9.49	6.38	11.84	12.00	12.74
1.83	10.36	9.74	7.15	11.93	12.09	12.83	1.83	10.74	10.10	7.42	12.34	12.50	13.24
2.12	12	11.40	8.88	13.68	13.83	14.57	2.00	11.74	11.15	8.69	13.40	13.56	14.30
2.38	13.47	12.88	10.28	15.24	15.40	16.14	2.12	12.44	11.90	9.50	14.15	14.31	15.05
2.60	14.71	14.13	11.56	16.57	16.72	17.46	2.25	13.21	12.68	10.38	14.96	15.12	15.86
2.77	15.68	15.10	12.54	17.59	17.74	18.48	2.38	13.97	13.45	11.18	15.78	15.93	16.67
2.89	16.36	15.78	13.23	18.31	18.46	19.21	2.50	14.68	14.16	11.87	16.52	16.68	17.42
2.97	16.81	16.23	13.70	18.79	18.95	19.69	2.75	16.14	15.59	13.16	18.08	18.24	18.98
3.00	16.98	16.40	13.86	18.97	19.13	19.87	3.00	17.61	17.01	14.38	19.65	19.80	20.54



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.