



4-3/4" 7/8 Lobes 2.0 Stages

MECHANICAL PERFORMANCE

Max. Weight on Bit	40,000 lbs	178 kN
Max. Pull to Re-Run	100,000 lbs	445 kN
Pull to Yield	300,000 lbs	1,334 kN
Bit to Bend (ABH)	50 in	1,270 mm
Bit to Bend (FBH)	42.4 in	1,076 mm
Weight	600 lbs	272 kg
Length	15 ft	4.57 m
Top Connection (Box)	3 1/2" IF	
Bit Connection (Box)	3 1/2" Reg	

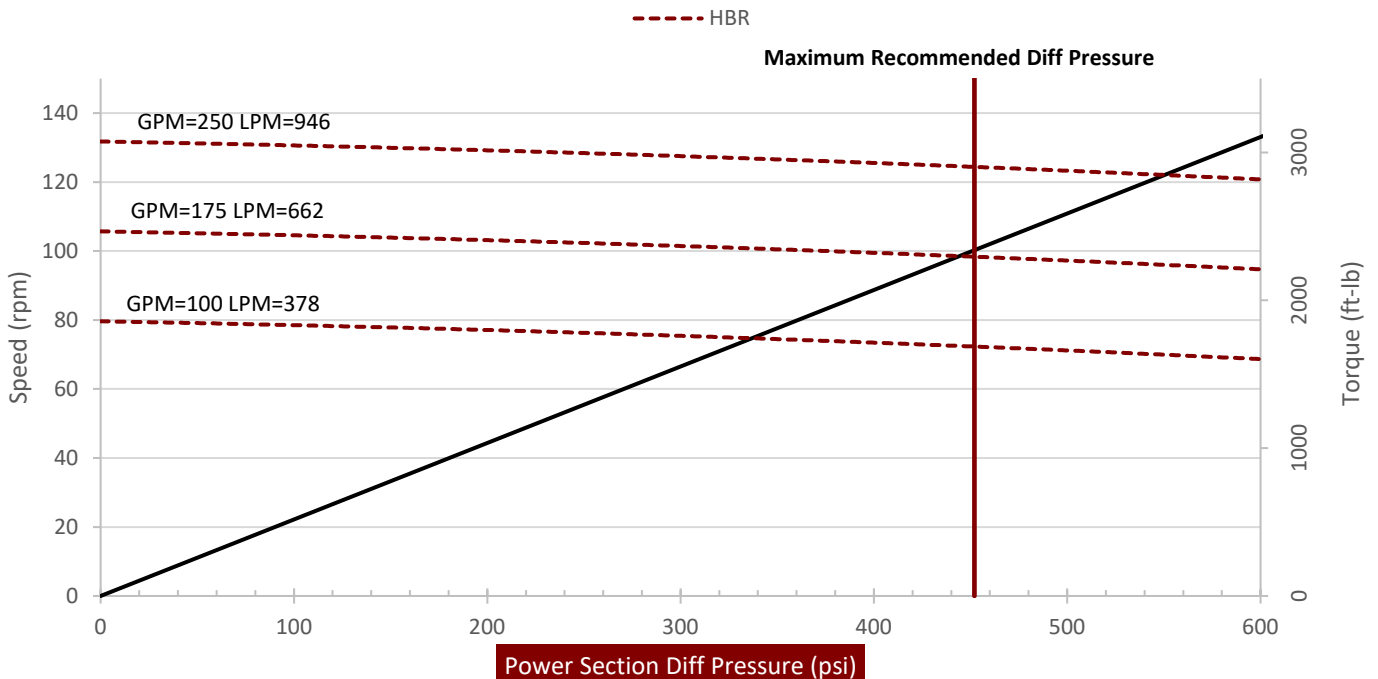
ABH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
DEG	6"	6 1/8"	6 3/4"	6"	6 1/8"	6 3/4"
0.39	2.67	1.88	2.04	3.78	3.92	4.47
0.78	5.34	4.54	3.07	6.64	6.79	7.34
1.15	7.87	7.00	5.37	9.36	9.51	10.06
1.50	10.27	9.41	7.83	11.94	12.08	12.63
1.83	12.53	11.69	10.12	14.36	14.51	15.05
2.12	14.52	13.68	12.02	16.50	16.64	17.19
2.38	16.30	15.47	13.82	18.41	18.55	19.10
2.60	17.80	16.98	15.33	20.02	20.17	20.72
2.77	18.97	18.14	16.49	21.27	21.42	21.97
2.89	19.79	18.96	17.32	22.16	22.30	22.85
2.97	20.34	19.51	17.87	22.75	22.89	23.44
3.00	20.54	19.72	18.08	22.97	23.11	23.66

POWER SECTION PERFORMANCE SPECIFICATIONS

POWER SECTION PERFORMANCE DETAILS

Torque Slope	5.200 ft-lb/psi	1.016 Nm/kPa	Max Diff Press psi (kPa)		452 (3,116)
Flow Range	150 - 250 GPM	568-946 LPM	Max Torque ft-lb (Nm)		2,340 (3,172)
Rotation	0.521 Rev/Gal		Stall Diff Press psi (kPa)		678 (4,675)
Speed Range	78-130 RPM		Stall Torque ft-lb (Nm)		3,508 (4,756)
Off Bottom Press	64 psi	440 kPa	Max Recommended HP (kW)		55 (41)

4.75" 7/8 Lobes 2.0 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.