



7-3/4" 7/8 Lobes 4.0 Stages

MECHANICAL PERFORMANCE

Max. Weight on Bit	100,000 lbs	445 kN
Max. Pull to Re-Run	300,000 lbs	1,334 kN
Pull to Yield	800,000 lbs	3,559 kN
Bit to Bend (ABH)	81 in	2,057 mm
Bit to Bend (FBH)	71 in	1,815 mm
Weight	3,200 lbs	1,451 kg
Length	29.2 ft	8.9 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

ABH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	9 7/8"	10 5/8"	12 1/4"	9 7/8"	10 5/8"	12 1/4"
0.39	1.96	1.96	1.96	3.31	3.74	4.72
0.78	3.92	3.75	3.75	5.47	5.90	6.88
1.15	5.78	4.33	4.20	7.53	7.96	8.94
1.50	7.53	5.91	4.87	9.47	9.90	10.88
1.83	9.19	7.66	5.58	11.30	11.73	12.71
2.12	10.65	9.26	6.28	12.91	13.34	14.32
2.38	11.95	10.60	7.59	14.35	14.78	15.76
2.60	13.06	11.63	8.67	15.57	16.00	16.98
2.77	13.91	12.50	9.58	16.52	16.95	17.93
2.89	14.52	13.11	10.21	17.18	17.61	18.59
2.97	14.92	13.52	10.61	17.63	18.06	19.03
3.00	15.07	13.67	10.78	17.79	18.22	19.20

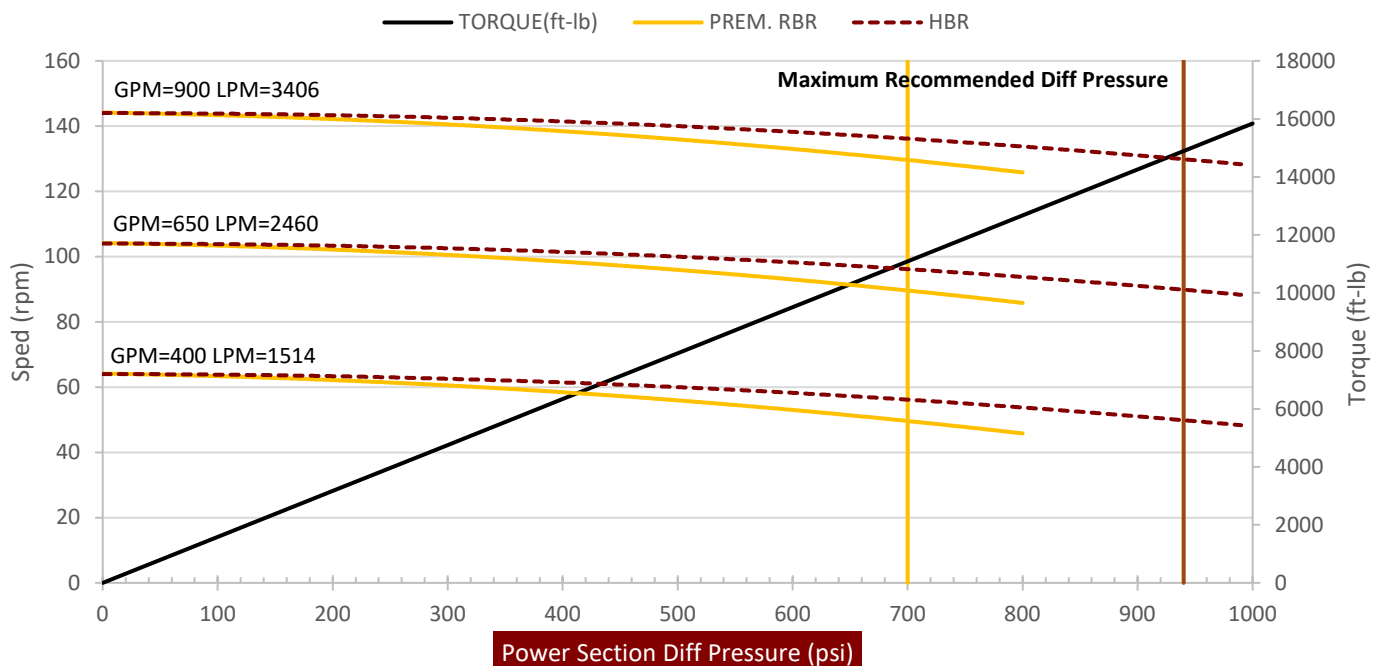
POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	15.84 ft-lb/psi	Nm/kPa
Flow Range	400 - 900 GPM	1,514-3,406 LPM
Rotation	0.160 Rev/Gal	
Speed Range	64-144 RPM	
Off Bottom Press	126 psi	870 kPa

POWER SECTION PERFORMANCE DETAILS

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	700 (4,826)	940 (6,500)
Max Torque ft-lb (Nm)	11,090 (15,036)	14,890 (20,200)
Stall Diff Press psi (kPa)	1,050 (7,240)	1,490 (10,300)
Stall Torque ft-lb (Nm)	16,635 (22,554)	23,460 (31,800)
Max Recommended HP (kW)	304 (226)	401 (299)

7.75" 7/8 Lobes 4.0 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.