

MECHANICAL PERFORMANCE

Max. Weight on Bit	65,000 lbs	289 kN
Max. Pull to Re-Run	200,000 lbs	890 kN
Pull to Yield	600,000 lbs	2,670 kN
Bit to Bend (ABH)	69 in	1,762 mm
Bit to Bend (FBH)	55 in	1,395 mm
Weight	2,200 lbs	998 kg
Length	27.5 ft	8.38 m
Top Connection (Box)	4 1/2" XH; 4 1/2" IF	
Bit Connection (Box)	4 1/2" Reg	

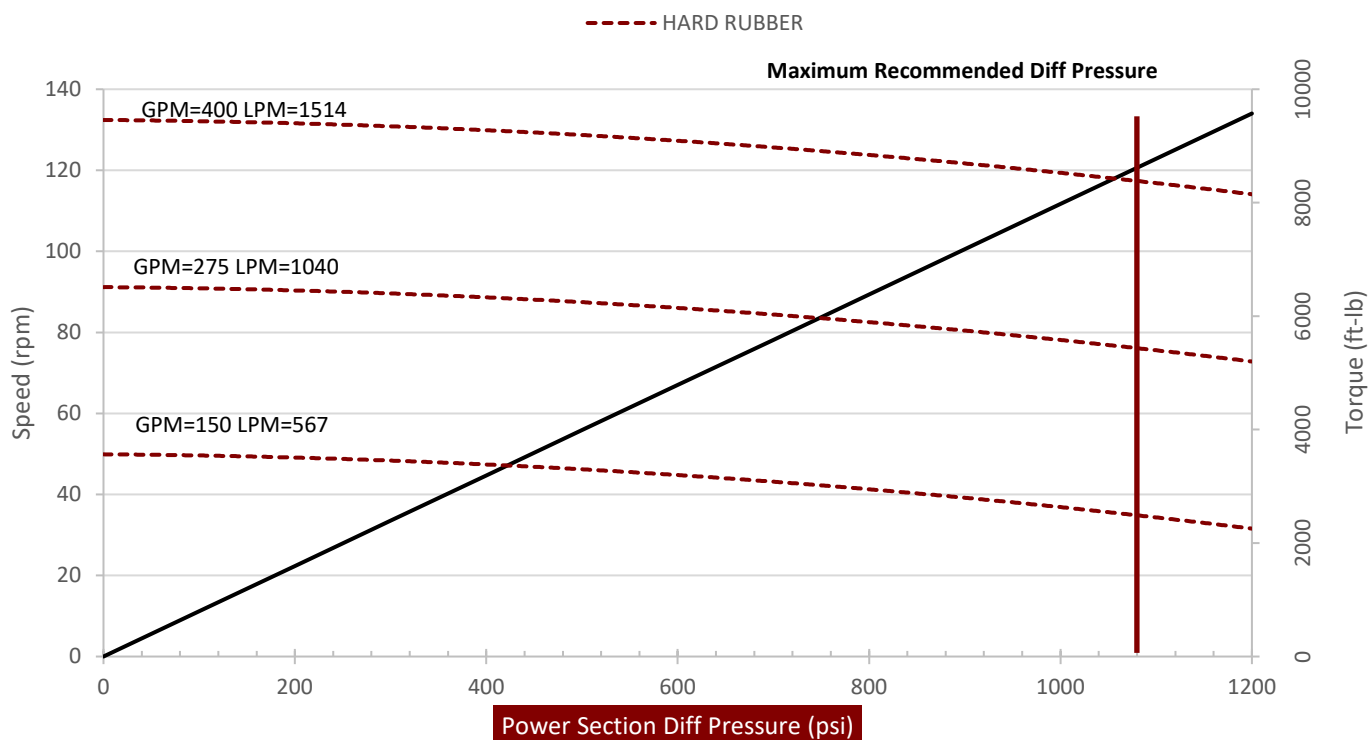
ABH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	7 7/8"	8 1/2"	8 3/4"	7 7/8"	8 1/2"	8 3/4"
0.39	2.18	2.51	2.18	3.06	3.57	3.73
0.78	4.36	3.06	3.06	5.43	5.94	6.10
1.15	6.42	4.97	4.35	7.68	8.19	8.35
1.50	8.38	6.92	6.33	9.81	10.32	10.48
1.83	10.22	8.81	8.25	11.82	12.32	12.48
2.12	11.84	10.37	9.82	13.58	14.09	14.25
2.38	13.29	11.85	11.30	15.16	15.67	15.83
2.60	14.52	13.09	12.46	16.50	17.00	17.16
2.77	15.47	14.04	13.50	17.53	18.04	18.20
2.89	16.14	14.63	14.10	18.26	18.77	18.93
2.97	16.59	15.17	14.55	18.75	19.25	19.41
3.00	16.76	15.34	14.72	18.93	19.44	19.60

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	7.977 ft-lb/psi	1.569 Nm/kPa
Flow Range	150 - 400 GPM	567-1,514 LPM
Rotation	0.330 Rev/Gal	
Speed Range	49.5-132 RPM	
Off Bottom Press	88 psi	610 kPa

POWER SECTION PERFORMANCE DETAILS

	HARD RUBBER
Max Diff Press psi (kPa)	1,080 (7,450)
Max Torque ft-lb (Nm)	8,620 (11,680)
Stall Diff Press psi (kPa)	1,620 (11,170)
Stall Torque ft-lb (Nm)	12,920 (17,520)
Max Recommended HP (kW)	207 (154)

6.50" 7/8 Lobes 4.8 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.