



# 12.00" 7/8 Lobes 4.8 Stages

## MECHANICAL PERFORMANCE

Max. Weight on Bit	140,000 lbs	623 kN
Max. Pull to Re-Run	550,000lbs	2,447 kN
Pull to Yield	1,500,000lbs	6,672 kN
Bit to Bend (ABH)	88.9 in	2,257 mm
Bit to Bend (FBH)	70 in	1,780 mm
Weight	9,283 lb	4,220 kg
Length	36 ft	11 m
Top Connection (Box)	7 5/8" Reg	
Bit Connection (Box)	7 5/8" Reg	

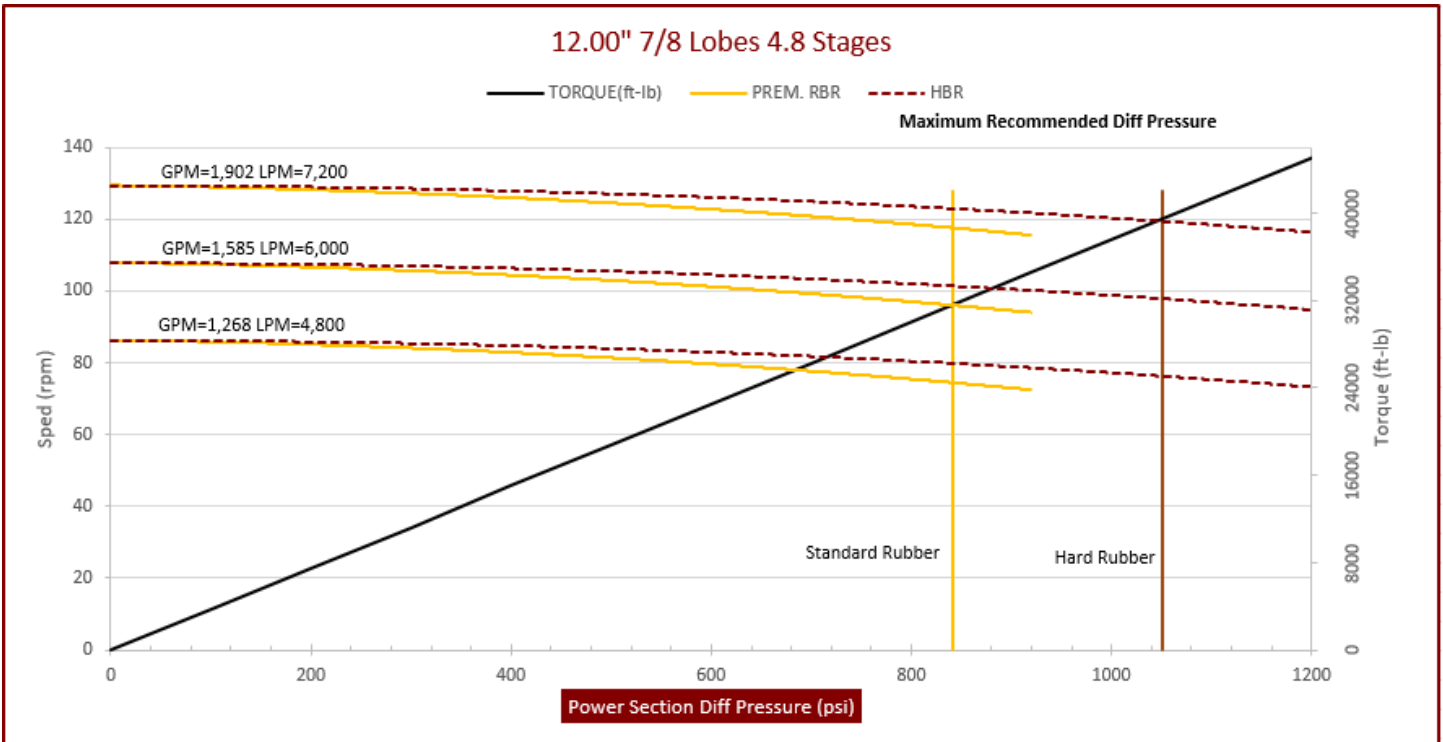
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	12-1/4"	14 3/4"	17 1/2"	12-1/4"	14 3/4"	17 1/2"
0.25	1.17	0.53	0.12	3.36	5.68	6.55
0.50	2.34	1.40	0.70	4.53	6.85	7.72
0.75	3.51	2.46	1.76	5.70	8.02	8.89
1.00	4.68	3.18	2.57	6.87	9.19	10.06
1.25	5.85	4.10	3.22	8.04	10.36	11.23
1.50	7.02	4.91	3.93	9.21	11.53	12.40
1.75	8.19	5.73	4.91	10.38	12.70	13.57
2.00	9.36	7.49	5.62	11.55	13.87	14.74
2.25	10.53	8.64	6.85	12.72	15.04	15.91
2.50	11.70	9.60	8.43	13.89	16.21	17.08
2.75	12.87	10.56	9.27	15.06	17.38	18.25
3.00	14.04	11.51	10.11	16.23	18.55	19.42

## POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	37.53 ft-lb/psi	7.374 N.m/kPa
Flow Range	1268-1902 GPM	4,800-7,200 LPM
Rotation	0.068 Rev/Gal	
Speed Range	86-130 RPM	
Off Bottom Press	230 psi	1,589 kPa

## POWER SECTION PERFORMANCE DETAILS

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	841 (5,800)	1,051 (7,250)
Max Torque ft-lb (Nm)	31,566 (42,771)	39,458 (53,463)
Stall Diff Press psi (kPa)	1,261 (8,700)	1,576 (10,875)
Stall Torque ft-lb (Nm)	47,349 (64,156)	59,187 (80,195)
Max Recommended HP (kW)	777 (582)	971 (727)



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.