

MECHANICAL PERFORMANCE

Max. Weight on Bit	24,000 lbs	107 kN
Max. Pull to Re-Run	75,000 lbs	334 kN
Pull to Yield	200,000 lbs	900 kN
Bit to Bend (ABH)	40 in	1,016 mm
Bit to Bend (FBH)	32 in	812 mm
Weight	486 lbs	221 kg
Length	19.5 ft	6 m
Top Connection (Box)	2 7/8" IF	
Bit Connection (Box)	2 7/8" Reg	

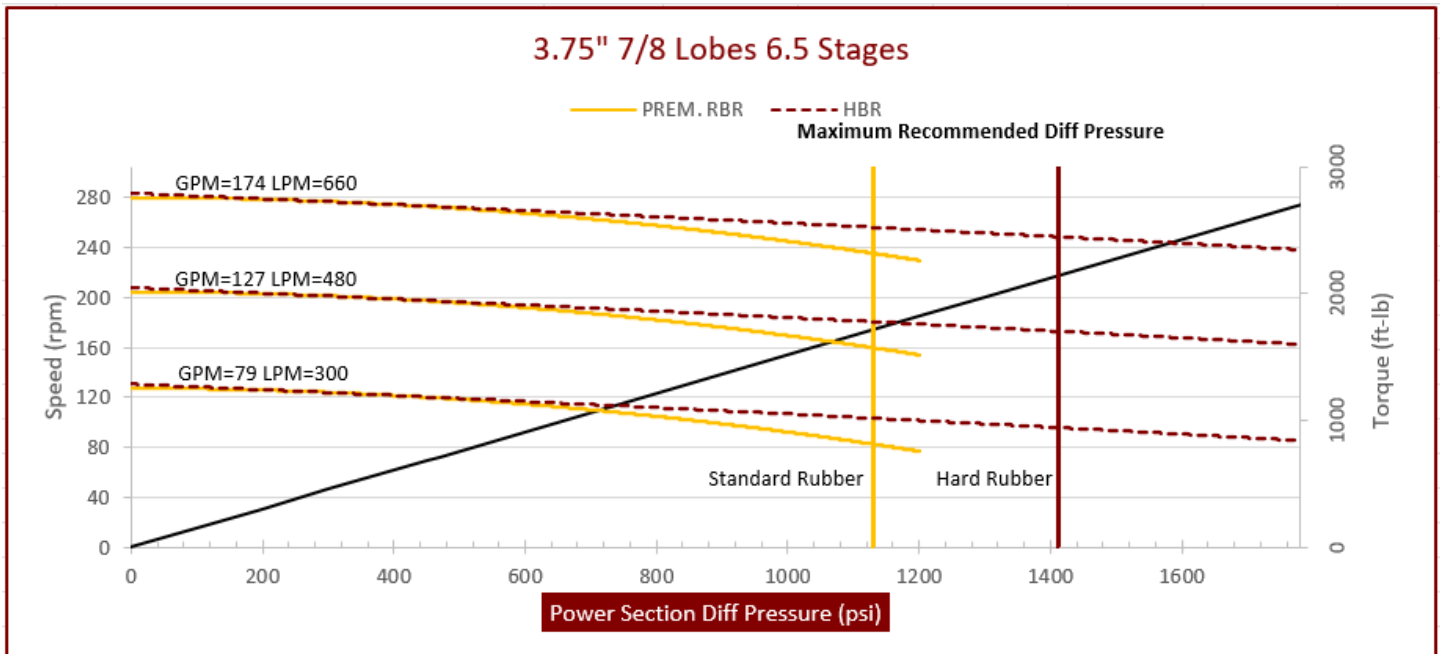
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING		
	HOLE SIZE			1/8" UNDERGAGE		
	4 5/8"	5 1/2"	6"	4 5/8"	5 1/2"	6"
DEG						
0.25	2.32	1.04	0.23	3.24	4.37	5.03
0.50	4.64	2.79	1.39	5.56	6.69	7.35
0.75	6.96	4.87	3.48	7.88	9.01	9.68
1.00	9.28	6.31	5.11	10.21	11.33	12.00
1.25	11.61	8.12	6.38	12.53	13.65	14.32
1.50	13.93	9.75	7.80	14.85	15.97	16.64
1.75	16.25	11.37	9.75	17.17	18.30	18.96
2.00	18.57	14.86	11.14	19.49	20.62	21.28
2.25	20.89	17.13	13.58	21.81	22.94	23.60
2.50	23.21	19.03	16.71	24.13	25.26	25.93
2.75	25.53	20.94	18.38	26.46	27.58	28.25
3.00	27.86	22.84	20.06	28.78	29.90	30.57

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	1.5 ft-lb/psi	0.298 Nm/kPa
Flow Range	79 - 174 GPM	300- 660 LPM
Rotation	1.61 Rev/Gal	
Speed Range	128-281 RPM	
Off Bottom Press	841 psi	5,800 kPa

POWER SECTION PERFORMANCE DETAILS

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	1,131 (7,800)	1,413 (9,750)
Max Torque ft-lb (Nm)	1,716 (2,325)	2,144 (2,906)
Stall Diff Press psi (kPa)	1,696 (11,700)	2,120 (14,625)
Stall Torque ft-lb (Nm)	2,573 (3,487)	3,217 (4,359)
Max Recommended HP (kW)	90 (68)	113 (85)



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.