

MECHANICAL PERFORMANCE

Max. Weight on Bit	105,000 lbs	467 kN
Max. Pull to Re-Run	360,000 lbs	1,601 kN
Pull to Yield	875,000 lbs	3,892 kN
Bit to Bend (ABH)	--	--
Bit to Bend (FBH)	74.173 in	1,884 mm
Weight	4561 lbs	2,069 kg
Length	38.1 ft	11.6 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

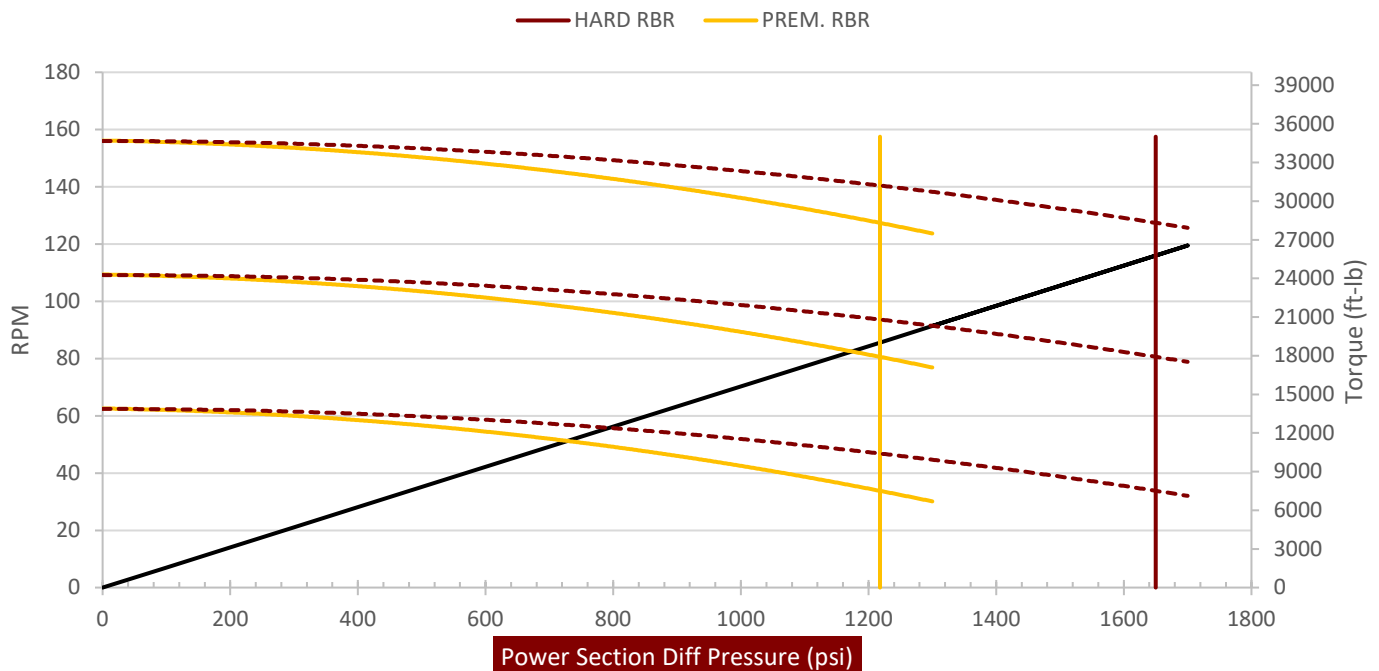
FBH SETTING	SLICK HOUSING			STABILIZED HOUSING 1/8" UNDERGAGE		
	HOLE SIZE			HOLE SIZE		
DEG	11-3/4"	12 1/4"	14 3/4"	11-3/4"	12 1/4"	14 3/4"
0.25	1.26	1.05	0.65	2.69	2.91	3.97
0.50	2.52	2.30	1.45	3.95	4.17	5.23
0.75	3.78	3.56	2.55	5.21	5.43	6.50
1.00	5.04	4.82	3.86	6.47	6.69	7.76
1.25	6.30	6.11	5.16	7.73	7.95	9.02
1.50	7.56	7.35	6.36	9.00	9.21	10.28
1.75	8.82	8.61	7.65	10.26	10.47	11.54
2.00	10.08	9.85	8.80	11.52	11.74	12.80
2.25	11.34	11.14	10.18	12.78	13.00	14.06
2.50	12.60	12.40	11.42	14.04	14.26	15.32
2.75	13.86	13.63	13.70	15.3	15.52	16.58
3.00	15.13	14.92	14.03	16.56	16.78	17.84

POWER SECTION PERFORMANCE SPECIFICATIONS

Torque Slope	15.62 ft-lb/psi	3.07 Nm/kPa
Flow Range	400 - 1000 GPM	1514-3785 LPM
Rotation	0.156 Rev/Gal	
Speed Range	62-156 RPM	
Off Bottom Press	130 psi	896 kPa

POWER SECTION PERFORMANCE DETAILS

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	1,218 (8,400)	1,650 (11,376)
Max Torque ft-lb (Nm)	19,553 (26,510)	25,800 (34,980)
Stall Diff Press psi (kPa)	1,827 (12,600)	2,590 (17,857)
Stall Torque ft-lb (Nm)	29,325 (39,760)	40,450 (54,843)
Max Recommended HP (kW)	522(391)	625 (466)

8.25" 7/8 Lobes 7.0 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.