

MECHANICAL PERFORMANCE

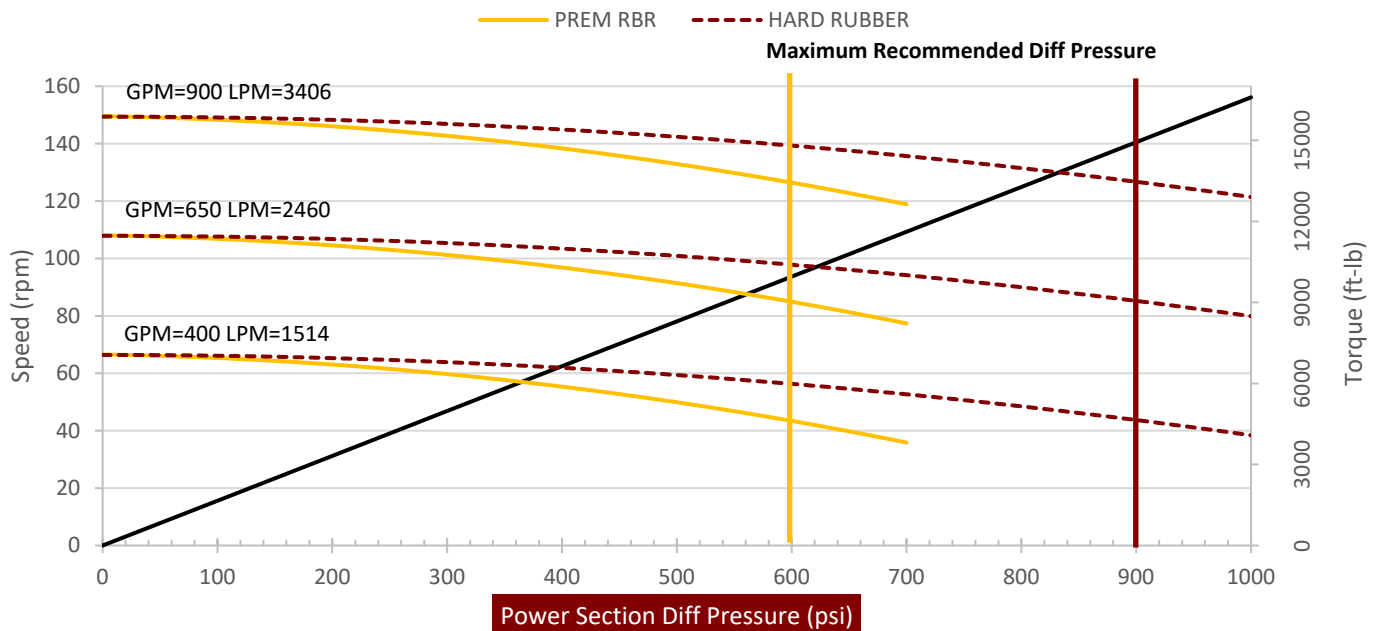
Max. Weight on Bit	105,000 lbs	467 kN
Max. Pull to Re-Run	360,000 lbs	1,601 kN
Pull to Yield	875,000 lbs	3,892 kN
Bit to Bend (ABH)	74 in	1,880 mm
Bit to Bend (FBH)	60.6 in	1,540 mm
Weight	3,200 lbs	1,451 kg
Length	29.2 ft	8.9 m
Top Connection (Box)	6 5/8" Reg	
Bit Connection (Box)	6 5/8" Reg	

FBH 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"
0.25	1.26	0.57	0.13	1.65	2.25	3.00
0.50	2.53	1.52	0.76	2.92	3.51	4.27
0.75	3.79	2.65	1.89	4.18	4.78	5.53
1.00	5.05	3.43	2.78	5.44	6.04	6.79
1.25	6.31	4.42	3.47	6.71	7.30	8.05
1.50	7.58	5.30	4.24	7.97	8.56	9.32
1.75	8.84	6.19	5.30	9.23	9.83	10.58
2.00	10.10	8.08	6.06	10.49	11.09	11.84
2.25	11.36	9.32	7.39	11.76	12.35	13.11
2.50	12.63	10.35	9.09	13.02	13.61	14.37
2.75	13.89	11.39	10.00	14.28	14.88	15.63
3.00	15.15	12.42	10.91	15.54	16.14	16.89

POWER SECTION PERFORMANCE SPECIFICATIONS
POWER SECTION PERFORMANCE DETAILS

Torque Slope	16.589 ft-lb/psi	3.262 Nm/kPa
Flow Range	400 - 900 GPM	1,514-3,406 LPM
Rotation	0.166 Rev/Gal	
Speed Range	66-150 RPM	
Off Bottom Press	126 psi	870 kPa

	PREM RUBBER	HARD RUBBER
Max Diff Press psi (kPa)	600 (4,140)	900 (6,210)
Max Torque ft-lb (Nm)	9,950 (13,490)	14,930 (20,240)
Stall Diff Press psi (kPa)	900 (6,210)	1,350 (9,310)
Stall Torque ft-lb (Nm)	14,930 (20,240)	22,400 (30,360)
Max Recommended HP (kW)	283 (211)	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.