

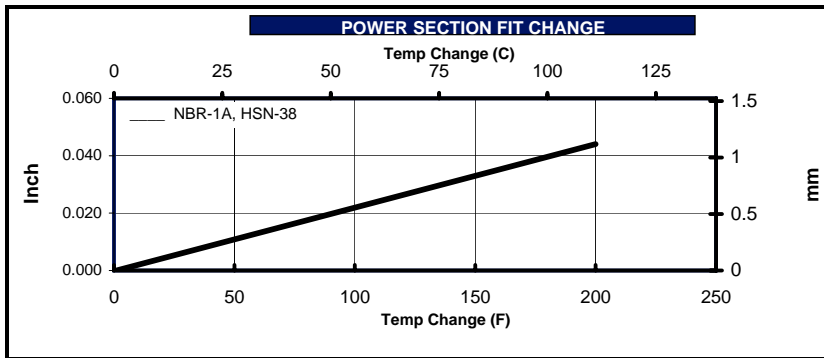
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	291.8	7410
Contour Length	285.3	7245
Eccentricity	0.235	5.97
Major Diameter	CONF	CONF
Head Diameter	4.000	101.60
Weight	847 (lbs)	384.2 (kg)
Material	17-4SS	
Thread Form*	2 7/8 API REG	

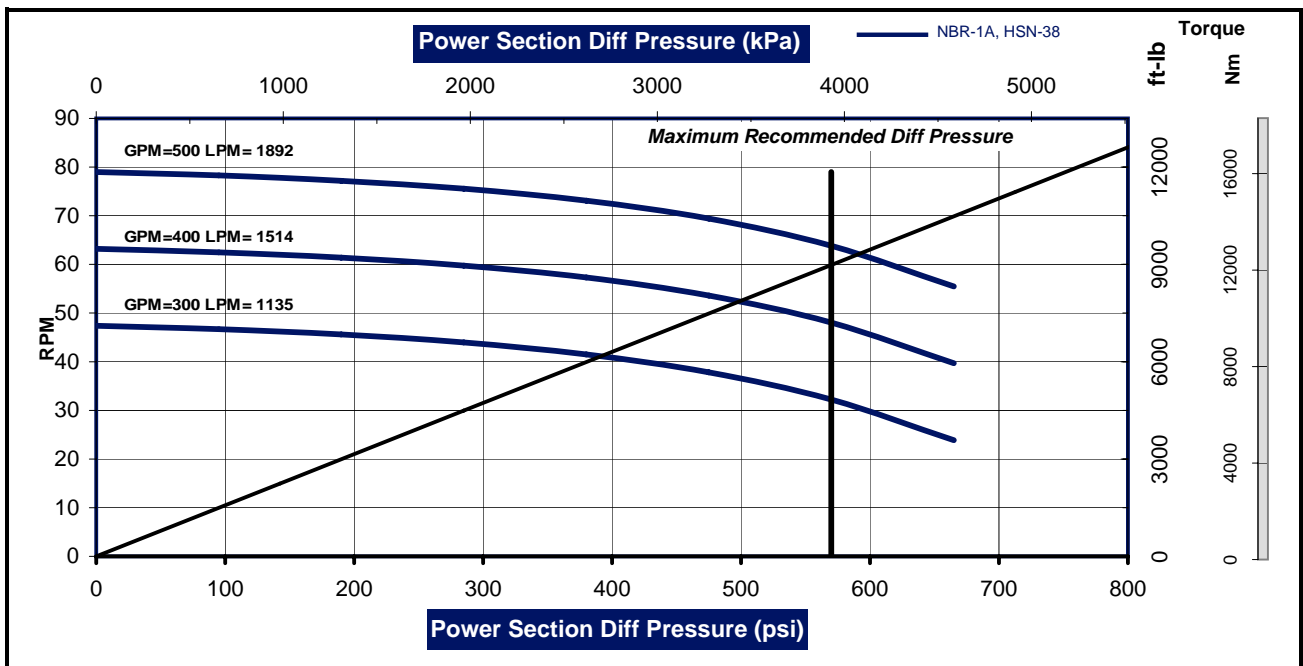
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	299.8	7614
Rubber Cut Back	8.0	203
Tube O.D.	6.50	165.1
Tube I.D.	5.00	127.0
Weight	1080 (lbs)	490 (kg)
Number of Stages	3.80	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	CONF	CONF
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.005	0.13
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS	
		NBR-1A AND HSN-38	
Torque Slope	15.762 ft-lb/psi 3.100 Nm/kPa	Max Diff Press psi (kPa)	570 (3930)
Flow Range	300 to 500 GPM 1140 to 1890 Litre/min	Max Torque ft-lb (Nm)	8980 (12180)
Rotation	0.158 Rev/Gal 0.042 Rev/Litre	Stall Diff Press psi (kPa)	860 (5900)
Speed Range	47 to 79 RPM	Stall Torque ft-lb (Nm)	13480 (18270)
Off Bottom Press	140 psi 970 kPa	Max Recommended HP(kW)	102 (76)



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. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice. Copyright 2008 Dyna-Drill® Technologies, Inc. All rights reserved.