



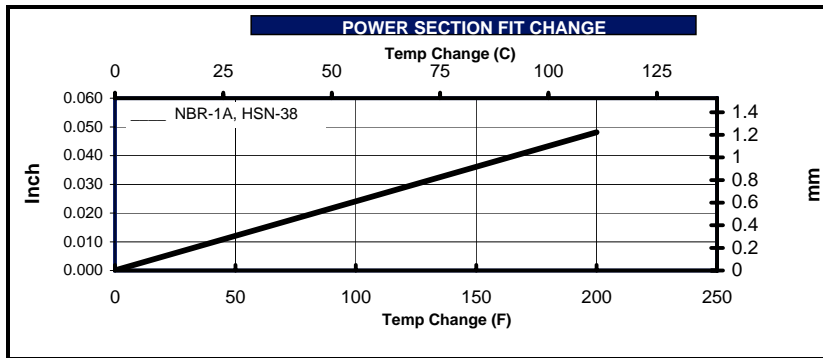
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	190.0	4826
Contour Length	183.5	4661
Eccentricity	0.23	5.84
Major Diameter	4.120	104.65
Head Diameter	4.000	101.60
Weight	526 (lbs)	238.6 (kg)
Material	17-4SS	
Thread Form*	2 3/8 API REG	

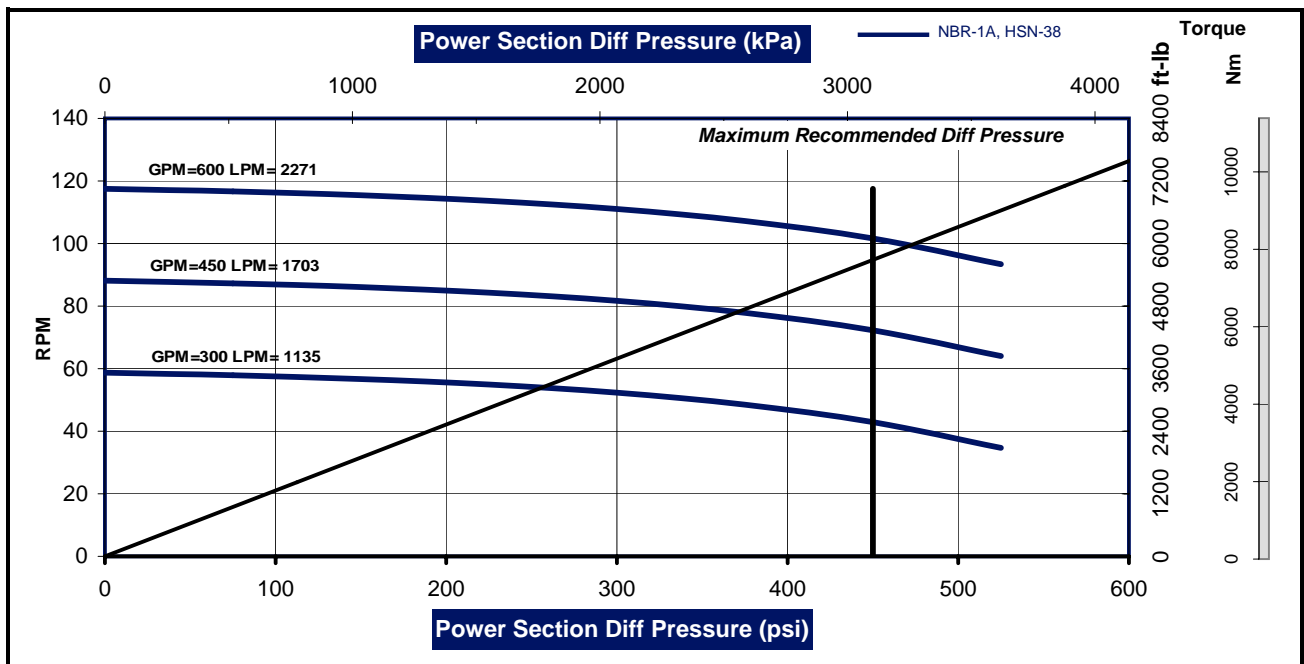
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	204.0	5182
Rubber Cut Back	8.0	203
Tube O.D.	6.25	158.8
Tube I.D.	5.00	127.0
Weight	686 (lbs)	311 (kg)
Number of Stages	3.00	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	3.656	92.86
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.004	0.10
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		
Torque Slope	12.639 ft-lb/psi	2.485 Nm/kPa	Max Diff Press psi (kPa)	450 (3100)	
Flow Range	300 to 600 GPM	1140 to 2270 Litre/min	Max Torque ft-lb (Nm)	5690 (7710)	
Rotation	0.196 Rev/Gal	0.052 Rev/Litre	Stall Diff Press psi (kPa)	680 (4650)	
Speed Range	58 to 120 RPM		Stall Torque ft-lb (Nm)	8530 (11570)	
Off Bottom Press	79 psi	540 kPa	Max Recommended HP(kW)	105 (78)	



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.