



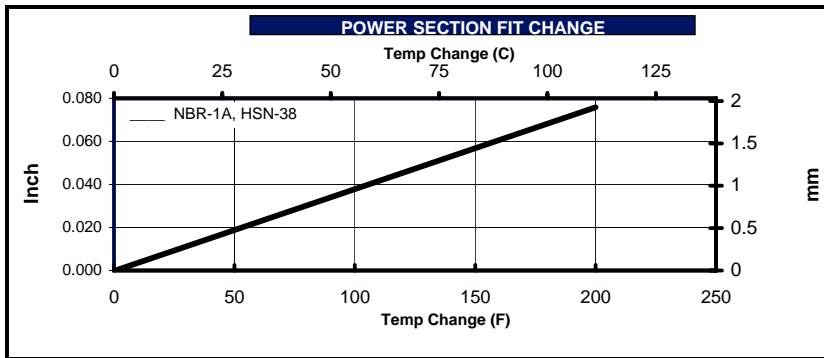
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	162.0	4115
Contour Length	155.3	3943
Eccentricity	0.276	7.01
Major Diameter	4.152	105.46
Head Diameter	4.000	101.60
Weight	420 (lbs)	190.5 (kg)
Material	17-4SS	
Thread Form*	2 7/8 API REG	

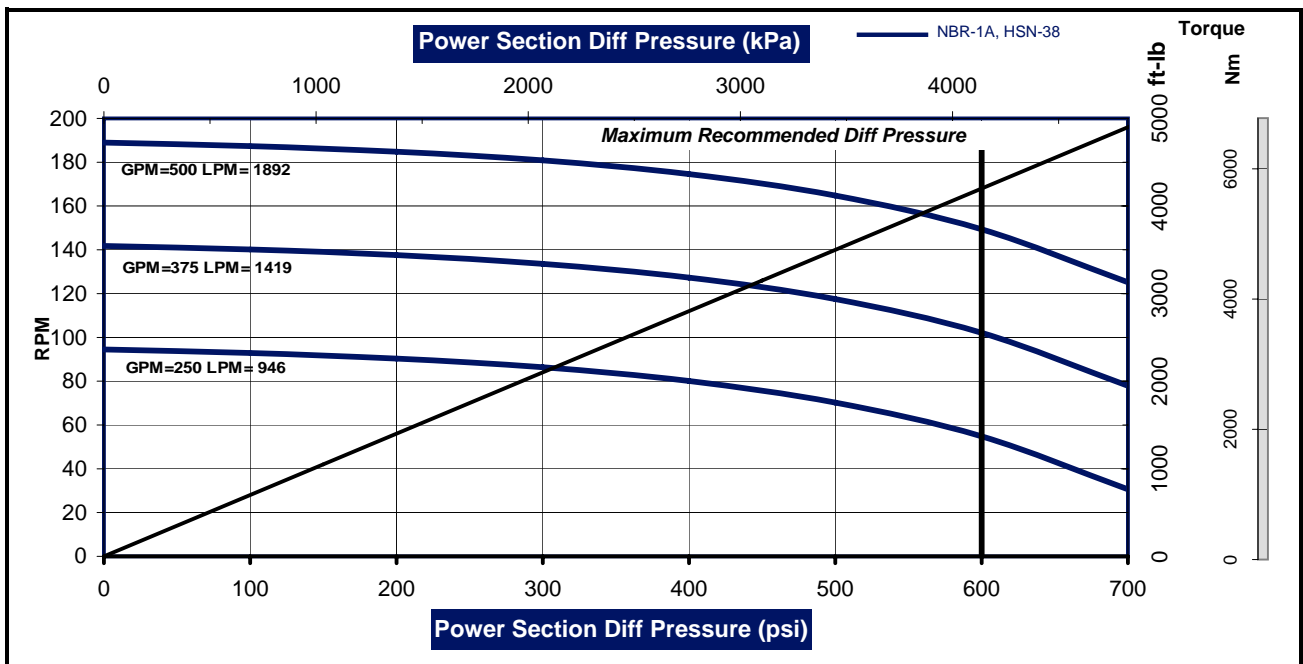
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	169.5	4305
Rubber Cut Back	7.5	191
Tube O.D.	6.75	171.5
Tube I.D.	5.50	139.7
Weight	736 (lbs)	334 (kg)
Number of Stages	4.00	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	3.608	91.64
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	-0.006	-0.15
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		
Torque Slope	7.000 ft-lb/psi	1.377 Nm/kPa	Max Diff Press psi (kPa)	600 (4140)	
Flow Range	250 to 500 GPM	950 to 1890 Litre/min	Max Torque ft-lb (Nm)	4200 (5700)	
Rotation	0.378 Rev/Gal	0.100 Rev/Litre	Stall Diff Press psi (kPa)	900 (6210)	
Speed Range	94 to 190 RPM		Stall Torque ft-lb (Nm)	6300 (8540)	
Off Bottom Press	98 psi	680 kPa	Max Recommended HP(kW)	126 (94)	



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.