



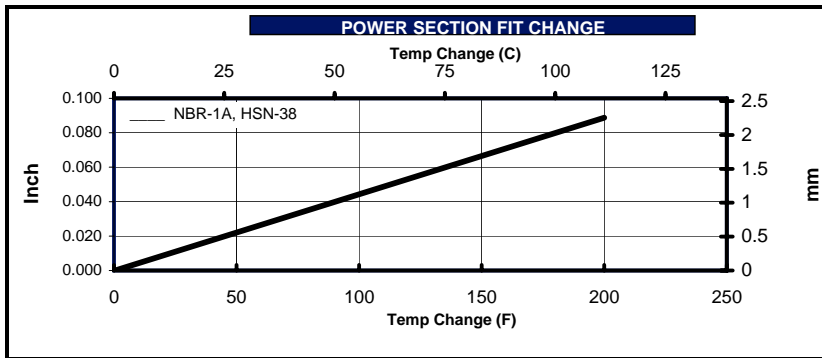
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	222.0	5639
Contour Length	213.0	5410
Eccentricity	0.472	11.99
Major Diameter	6.296	159.92
Head Diameter	5.500	139.70
Weight	1185 (lbs)	537.5 (kg)
Material	17-4SS	
Thread Form*	4 API FH	

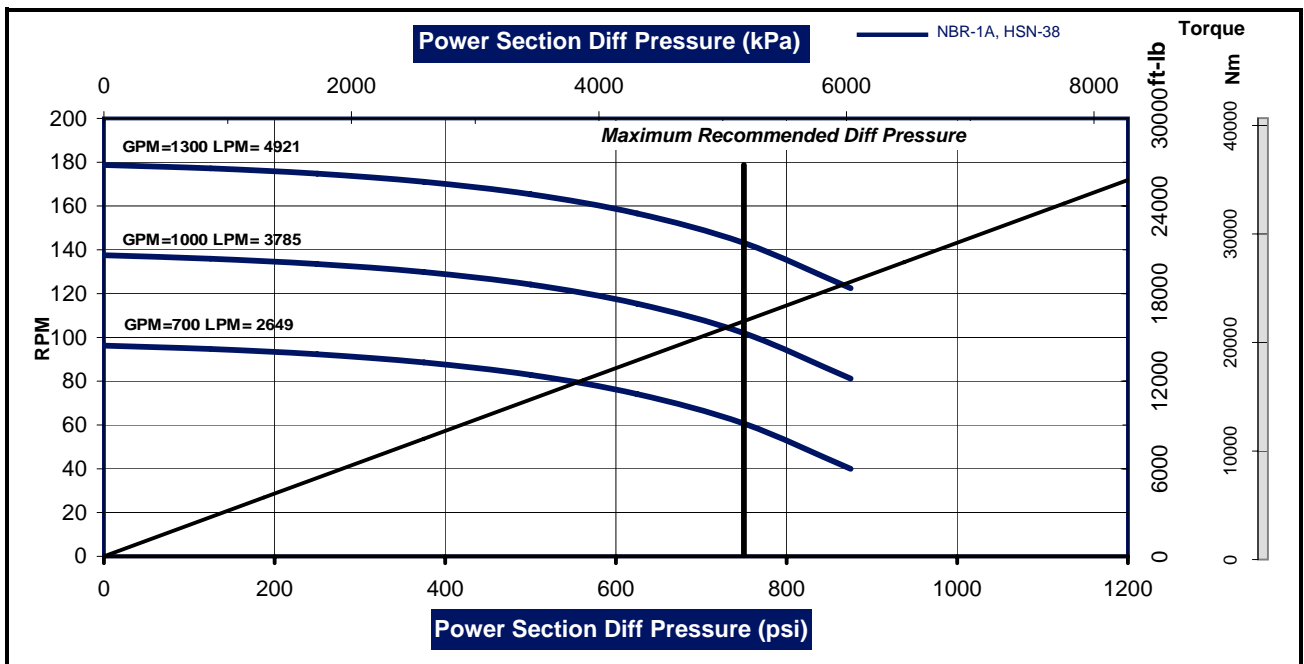
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	232.0	5893
Rubber Cut Back	10.0	254
Tube O.D.	9.63	244.5
Tube I.D.	7.88	200.0
Weight	1797 (lbs)	815 (kg)
Number of Stages	5.00	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	5.375	136.53
Oversize	5.412	137.46
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	-0.023	-0.58
Oversize	-0.060	-1.52
Double Oversize		

\* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		
Torque Slope	21.487 ft-lb/psi	4.225 Nm/kPa	Max Diff Press psi (kPa)	750 (5170)	
Flow Range	700 to 1300 GPM	2650 to 4920 Litre/min	Max Torque ft-lb (Nm)	16120 (21850)	
Rotation	0.138 Rev/Gal	0.036 Rev/Litre	Stall Diff Press psi (kPa)	1130 (7760)	
Speed Range	96 to 180 RPM		Stall Torque ft-lb (Nm)	24170 (32770)	
Off Bottom Press	197 psi	1360 kPa	Max Recommended HP(kW)	404 (302)	



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.