



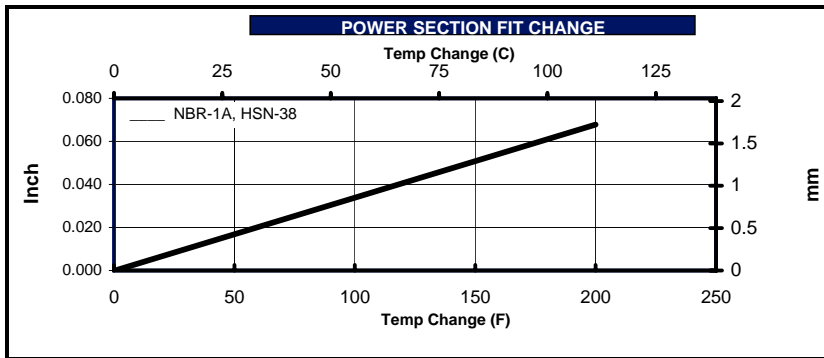
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	252.0	6401
Contour Length	246.0	6248
Eccentricity	0.295	7.49
Major Diameter	CONF	CONF
Head Diameter	2.750	69.90
Weight	234 (lbs) 106.1 (kg)	
Material	17-4SS	
Thread Form*	2 3/8 Hughes External Flush Mod	

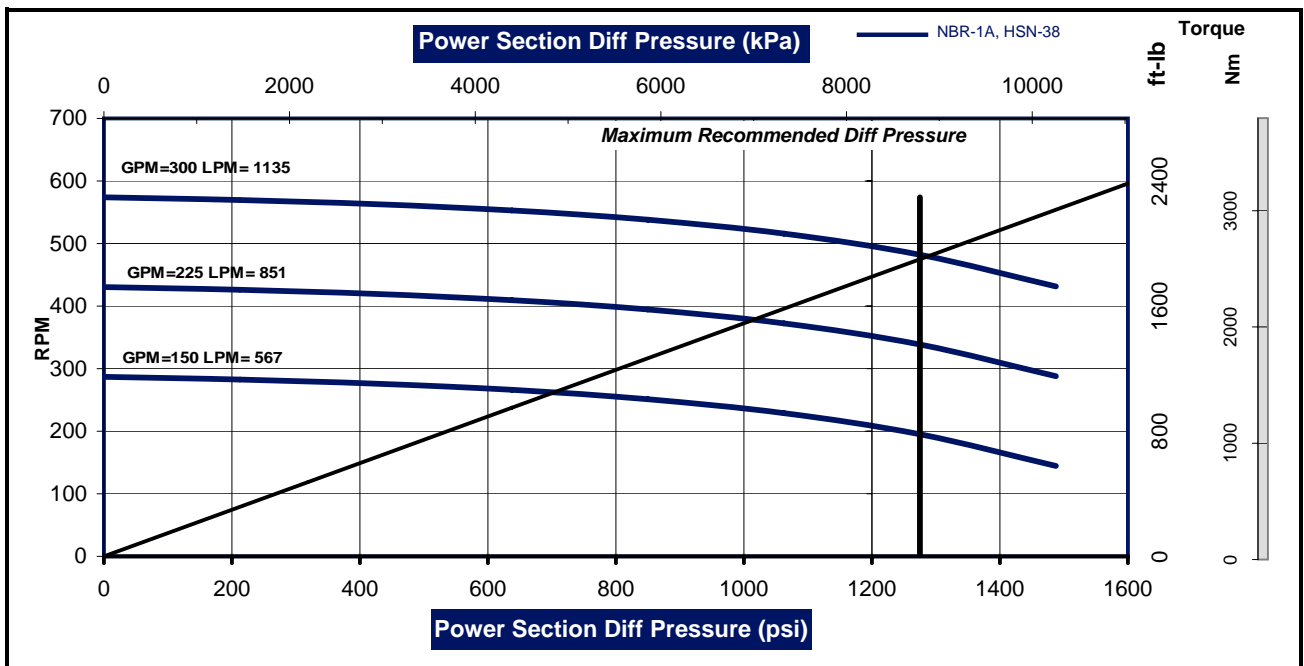
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	260.0	6604
Rubber Cut Back	8.0	203
Tube O.D.	4.75	120.7
Tube I.D.	3.75	95.3
Weight	552 (lbs) 250 (kg)	
Number of Stages	8.50	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

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	-0.001	-0.03
Oversize		
Double Oversize		

\* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS	
			NBR-1A AND HSN-38	
Torque Slope	1.490 ft-lb/psi	0.293 Nm/kPa	Max Diff Press psi (kPa)	1280 (8790 )
Flow Range	150 to 300 GPM	570 to 1140 Litre/min	Max Torque ft-lb (Nm)	1900 (2580 )
Rotation	1.913 Rev/Gal	0.505 Rev/Litre	Stall Diff Press psi (kPa)	1910 (13190 )
Speed Range	286 to 580 RPM		Stall Torque ft-lb (Nm)	2850 (3860 )
Off Bottom Press	164 psi	1130 kPa	Max Recommended HP(kW)	181 (135)



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.