



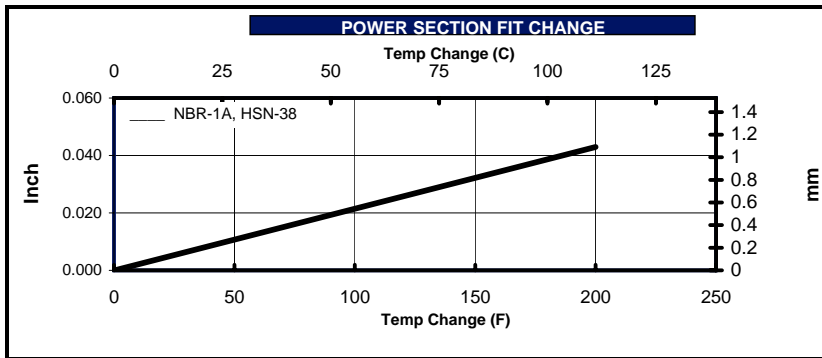
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	110.0	2794
Contour Length	106.0	2692
Eccentricity	0.106	2.69
Major Diameter	1.706	43.33
Head Diameter	1.500	38.10
Weight	52 (lbs) 23.6 (kg)	
Material	17-4SS	
Thread Form*	1.125-5 STUB ACME	

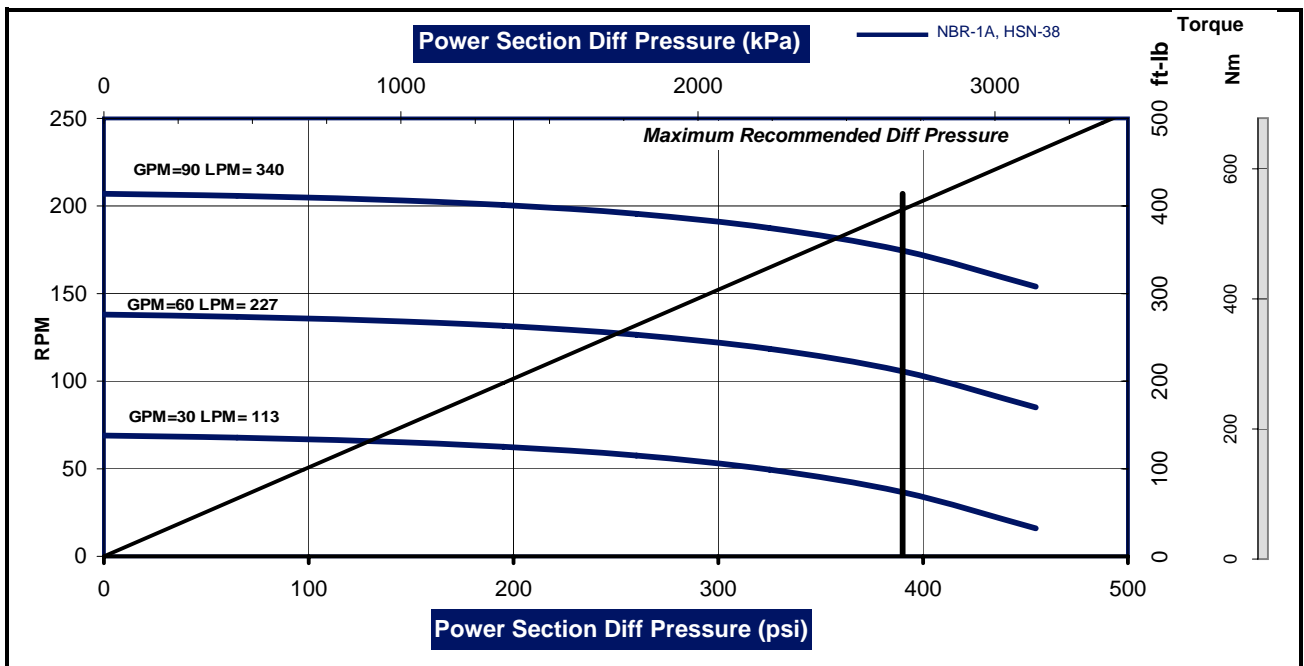
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	117.0	2972
Rubber Cut Back	6.0	152
Tube O.D.	2.88	73.0
Tube I.D.	2.44	62.0
Weight	71 (lbs) 32 (kg)	
Number of Stages	2.60	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	1.481	37.62
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.012	0.31
Oversize		
Double Oversize		

\* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		
Torque Slope	1.015 ft-lb/psi	0.200 Nm/kPa	Max Diff Press psi (kPa)	390 (2690 )	
Flow Range	30 to 90 GPM	110 to 340 Litre/min	Max Torque ft-lb (Nm)	400 (540 )	
Rotation	2.300 Rev/Gal	0.608 Rev/Litre	Stall Diff Press psi (kPa)	590 (4030 )	
Speed Range	69 to 210 RPM		Stall Torque ft-lb (Nm)	590 (810 )	
Off Bottom Press	36 psi	250 kPa	Max Recommended HP(kW)	14 (11)	



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.