



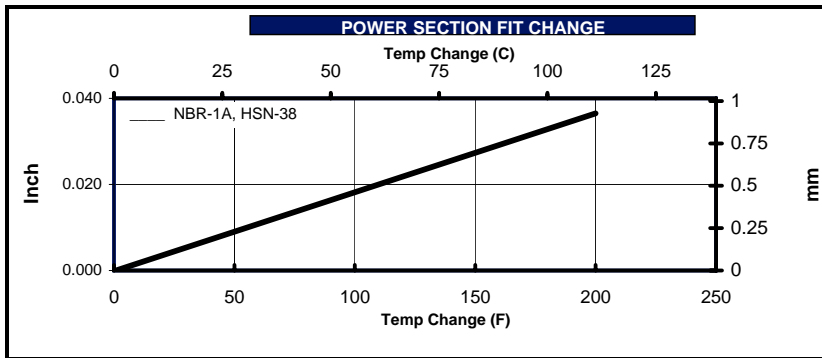
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	74.0	1880
Contour Length	68.8	1746
Eccentricity	0.167	4.24
Major Diameter	2.366	60.10
Head Diameter	2.250	57.20
Weight	66 (lbs) 29.9 (kg)	
Material	17-4SS	
Thread Form*	1.500 - 6 STUB ACME	

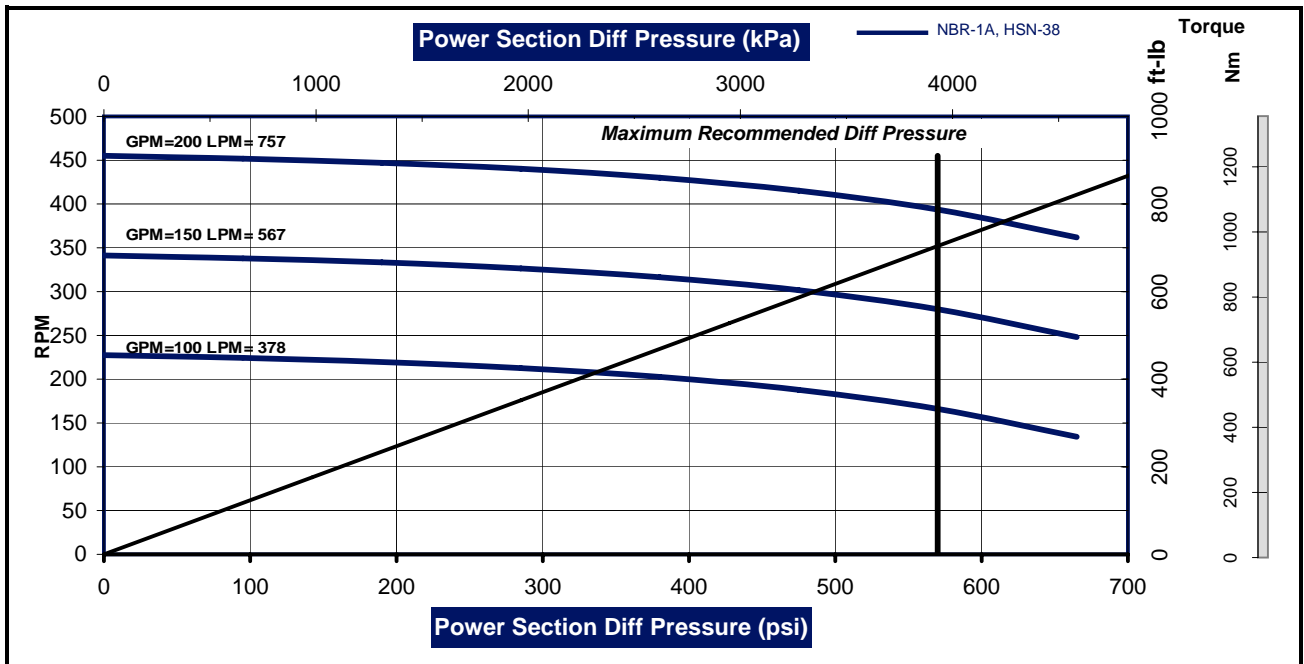
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	80.5	2045
Rubber Cut Back	6.3	159
Tube O.D.	3.75	95.3
Tube I.D.	3.00	76.2
Weight	99 (lbs) 45 (kg)	
Number of Stages	3.80	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	2.012	51.10
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.020	0.51
Oversize		
Double Oversize		

\* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS	
		NBR-1A AND HSN-38	
Torque Slope	1.235 ft-lb/psi 0.243 Nm/kPa	Max Diff Press psi (kPa)	570 (3930 )
Flow Range	100 to 200 GPM 380 to 760 Litre/min	Max Torque ft-lb (Nm)	700 (950 )
Rotation	2.275 Rev/Gal 0.601 Rev/Litre	Stall Diff Press psi (kPa)	860 (5900 )
Speed Range	227 to 460 RPM	Stall Torque ft-lb (Nm)	1060 (1430 )
Off Bottom Press	106 psi 730 kPa	Max Recommended HP(kW)	50 (37)



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.