

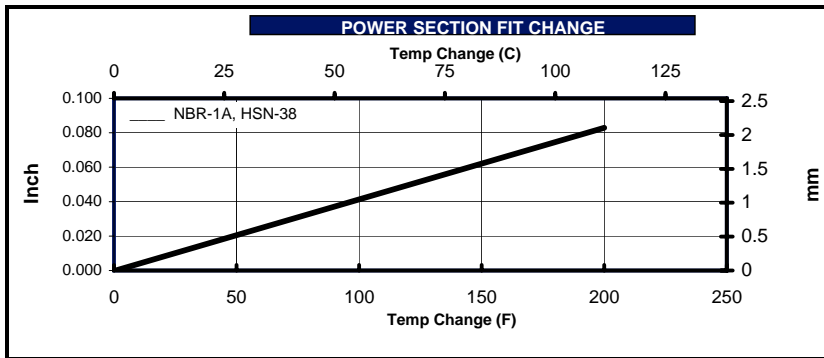
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	182.0	4623
Contour Length	176.0	4470
Eccentricity	0.422	10.72
Major Diameter	2.532	64.31
Head Diameter	2.500	63.50
Weight	113 (lbs) 51.3 (kg)	
Material	17-4SS	
Thread Form*	1.875 - 8 STUB ACME	

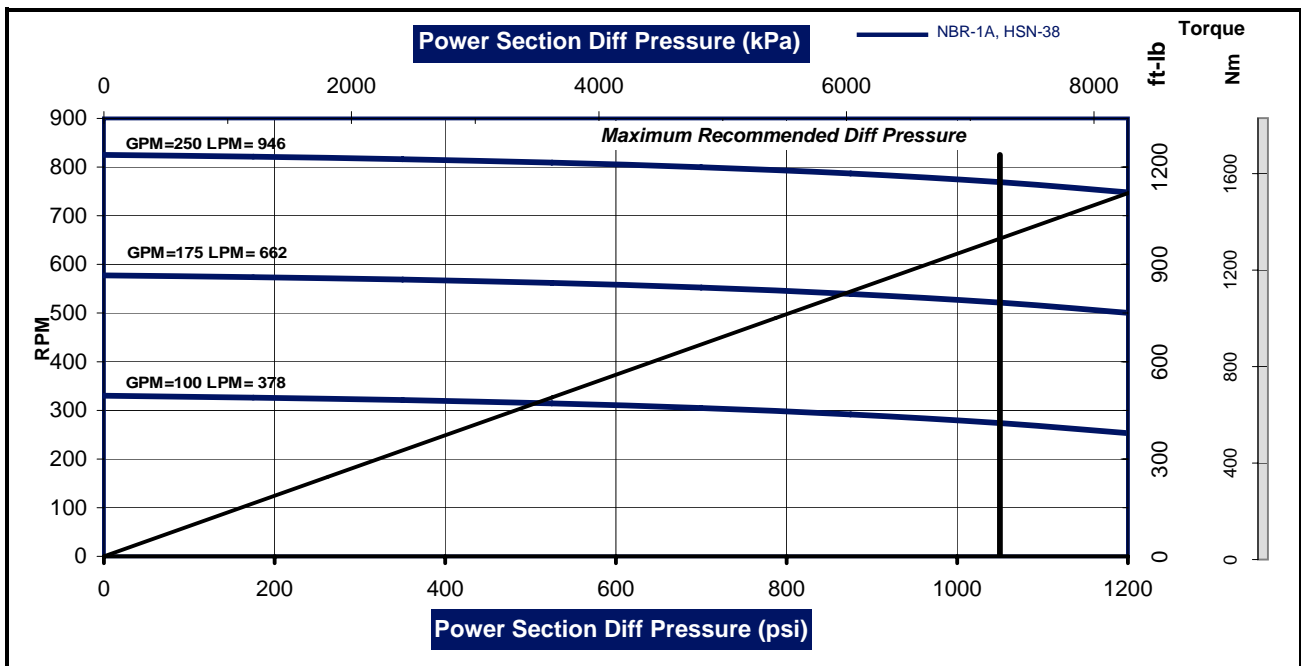
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	190.0	4826
Rubber Cut Back	7.5	191
Tube O.D.	4.75	120.7
Tube I.D.	3.88	98.4
Weight	369 (lbs) 167 (kg)	
Number of Stages	7.00	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38 Stator Size	Minor Diameter	
	Inch	mm
Standard	1.655	42.04
Oversize	1.695	43.05
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.033	0.84
Oversize	-0.007	-0.18
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS	
Torque Slope	0.933 ft-lb/psi 0.183 Nm/kPa	Max Diff Press psi (kPa)	1050 (7240)
Flow Range	100 to 250 GPM 380 to 950 Litre/min	Max Torque ft-lb (Nm)	980 (1320)
Rotation	3.300 Rev/Gal 0.872 Rev/Litre	Stall Diff Press psi (kPa)	1580 (10860)
Speed Range	330 to 830 RPM	Stall Torque ft-lb (Nm)	1470 (1990)
Off Bottom Press	198 psi 1370 kPa	Max Recommended HP(kW)	125 (93)



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.