

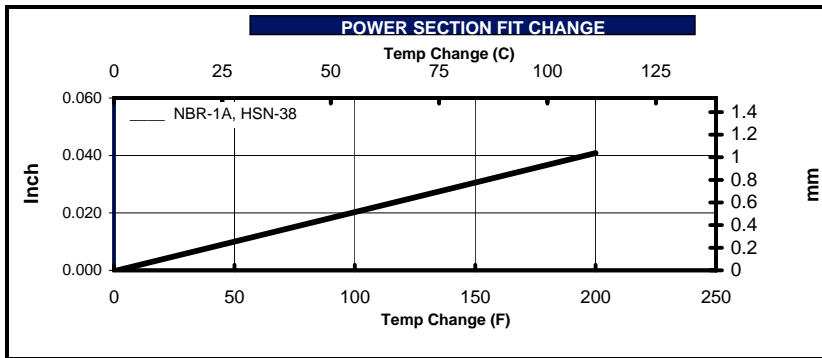
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	214.0	5436
Contour Length	209.0	5309
Eccentricity	0.126	3.2
Major Diameter	2.276	57.81
Head Diameter	2.250	57.20
Weight	199 (lbs) 90.3 (kg)	
Material	17-4SS	
Thread Form*	1.625 - 8 STUB ACME	

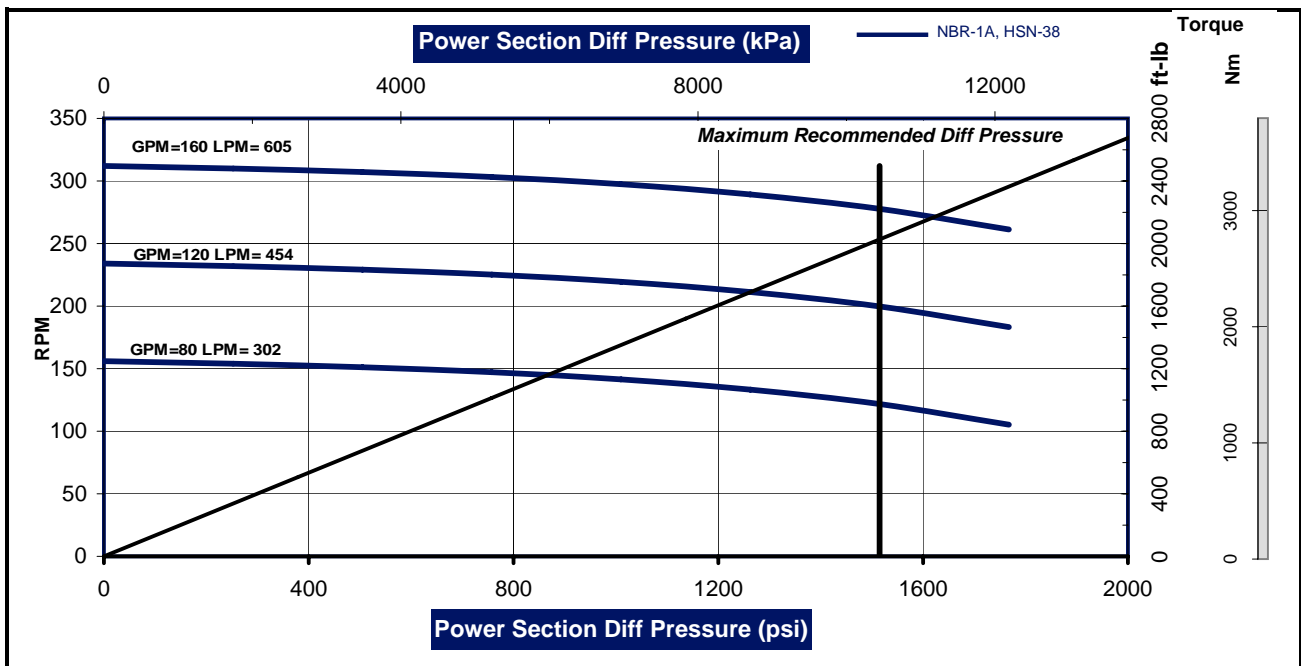
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	225.0	5715
Rubber Cut Back	8.0	203
Tube O.D.	3.75	95.3
Tube I.D.	3.00	76.2
Weight	280 (lbs) 127 (kg)	
Number of Stages	10.10	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	2.014	51.16
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.010	0.25
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS	
		NBR-1A AND HSN-38	
Torque Slope	1.338 ft-lb/psi 0.263 Nm/kPa	Max Diff Press psi (kPa)	1520 (10450)
Flow Range	80 to 160 GPM 300 to 610 Litre/min	Max Torque ft-lb (Nm)	2030 (2750)
Rotation	1.950 Rev/Gal 0.515 Rev/Litre	Stall Diff Press psi (kPa)	2270 (15670)
Speed Range	156 to 320 RPM	Stall Torque ft-lb (Nm)	3040 (4120)
Off Bottom Press	106 psi 730 kPa	Max Recommended HP(kW)	112 (84)



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.