



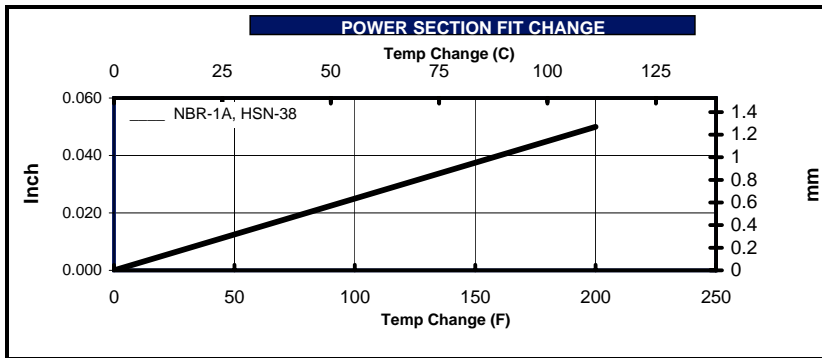
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	152.0	3861
Contour Length	145.5	3696
Eccentricity	0.141	3.58
Major Diameter	2.136	54.25
Head Diameter	2.000	50.80
Weight	116 (lbs) 52.6 (kg)	
Material	17-4SS	
Thread Form*	1.375 - 6 STUB ACME	

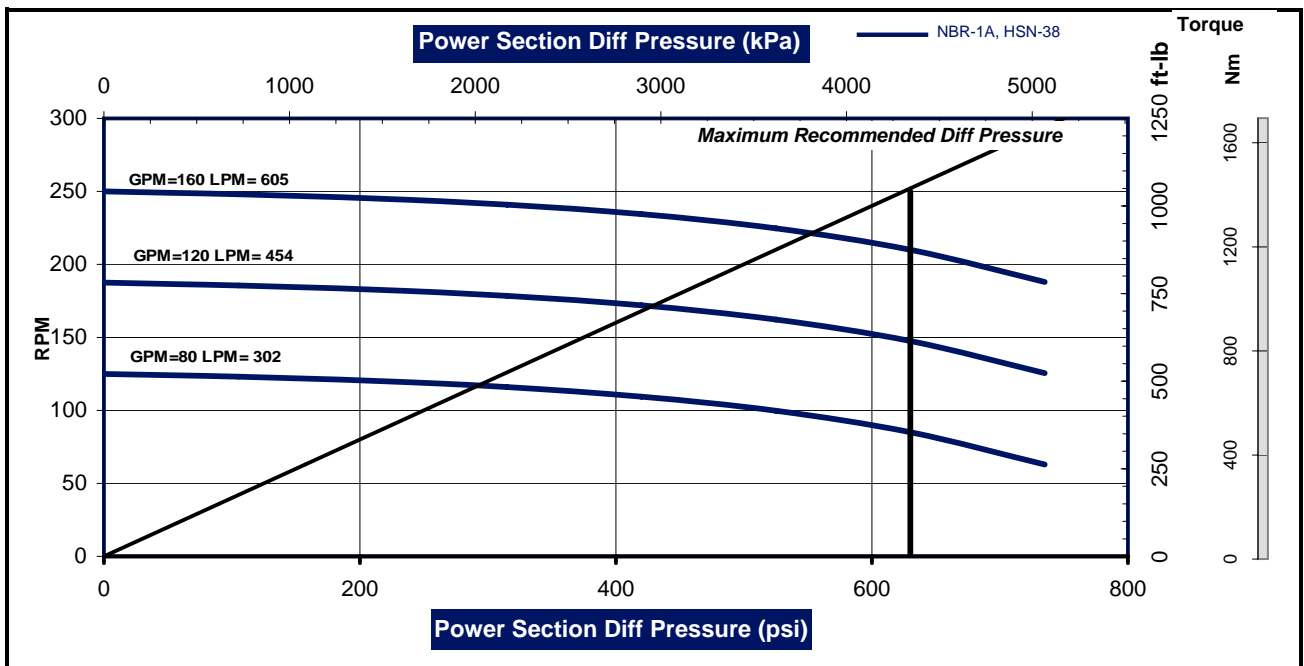
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	160.0	4064
Rubber Cut Back	8.0	203
Tube O.D.	3.75	95.3
Tube I.D.	3.00	76.2
Weight	200 (lbs) 91 (kg)	
Number of Stages	4.20	
Rubber Type	NBR-1A, HSN-38	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	1.852	47.04
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.004	0.10
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		
Torque Slope	1.667 ft-lb/psi	0.328 Nm/kPa	Max Diff Press psi (kPa)	630 (4340)	
Flow Range	80 to 160 GPM	300 to 610 Litre/min	Max Torque ft-lb (Nm)	1050 (1420)	
Rotation	1.563 Rev/Gal	0.413 Rev/Litre	Stall Diff Press psi (kPa)	950 (6520)	
Speed Range	125 to 250 RPM		Stall Torque ft-lb (Nm)	1580 (2140)	
Off Bottom Press	64 psi	440 kPa	Max Recommended HP(kW)	45 (34)	



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.