



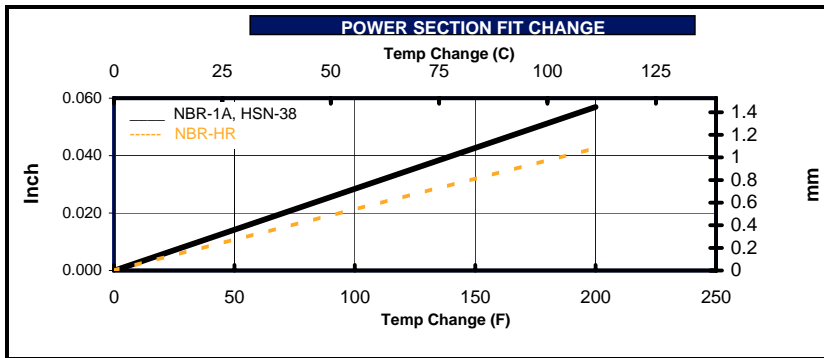
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	221.0	5613
Contour Length	213.0	5410
Eccentricity	0.224	5.69
Major Diameter	CONF	CONF
Head Diameter	4.000	101.60
Weight	655 (lbs) 297.1 (kg)	
Material	17-4SS	
Thread Form*	2 7/8 API REG	

STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	230.0	5842
Rubber Cut Back	9.0	229
Tube O.D.	6.75	171.5
Tube I.D.	5.31	134.9
Weight	1001 (lbs) 454 (kg)	
Number of Stages	2.10	
Rubber Type	NBR-1A, HSN-38, NBR-HR	
Tube Material	4142 Seamless Tubing	

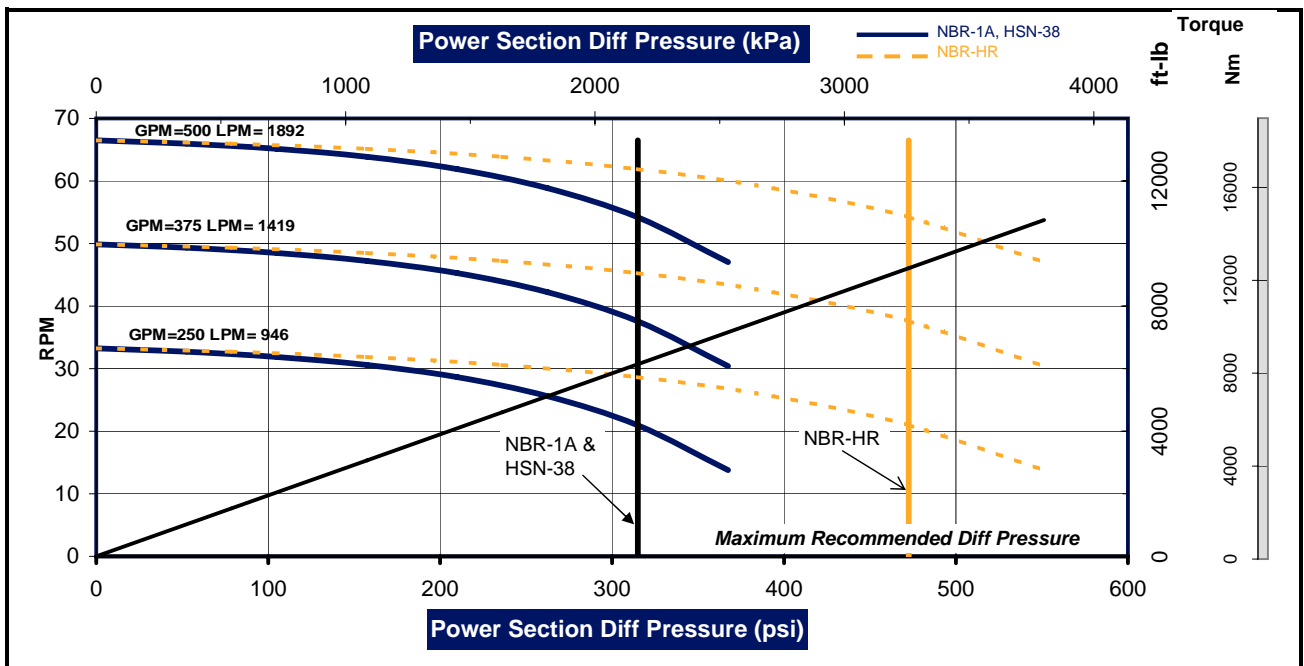
FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
	Inch	mm
Stator Size	CONF	CONF
Standard	CONF	CONF
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	-0.007	-0.18
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
	Inch	mm
Stator Size	CONF	CONF
Undersize	CONF	CONF
Standard		
Oversize		
Nominal Fit at 75 F (25 C)		
Undersize	0.018	0.46
Standard		
Oversize		

PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38		NBR-HR
Torque Slope	19.500 ft-lb/psi	3.835 Nm/kPa	Max Diff Press psi (kPa)	320 (2170)	470 (3260)
Flow Range	250 to 500 GPM	950 to 1890 Litre/min	Max Torque ft-lb (Nm)	6140 (8330)	9210 (12490)
Rotation	0.133 Rev/Gal	0.035 Rev/Litre	Stall Diff Press psi (kPa)	470 (3260)	710 (4890)
Speed Range	33 to 67 RPM		Stall Torque ft-lb (Nm)	9210 (12490)	13820 (18740)
Off Bottom Press	51 psi	350 kPa	Max Recommended HP(kW)	65 (49)	109 (81)



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.