



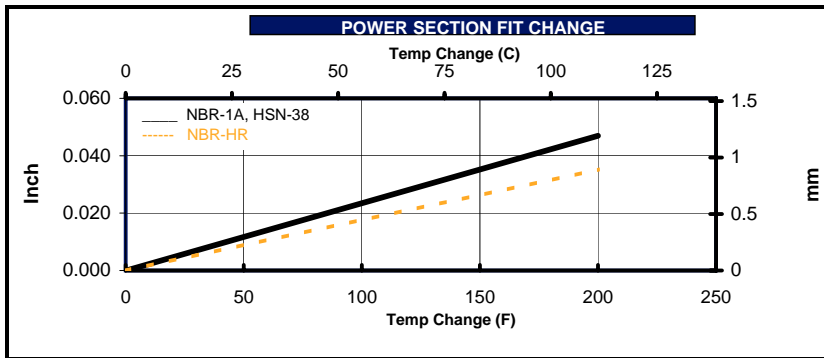
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	252.0	6401
Contour Length	245.0	6223
Eccentricity	0.247	6.27
Major Diameter	CONF	CONF
Head Diameter	4.500	114.30
Weight	876 (lbs) 397.4 (kg)	
Material	17-4SS	
Thread Form*	2 7/8 API REG	

STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	260.0	6604
Rubber Cut Back	8.0	203
Tube O.D.	6.75	171.5
Tube I.D.	5.50	139.7
Weight	827 (lbs) 375 (kg)	
Number of Stages	3.50	
Rubber Type	NBR-1A, HSN-38, NBR-HR	
Tube Material	4142 Seamless Tubing	

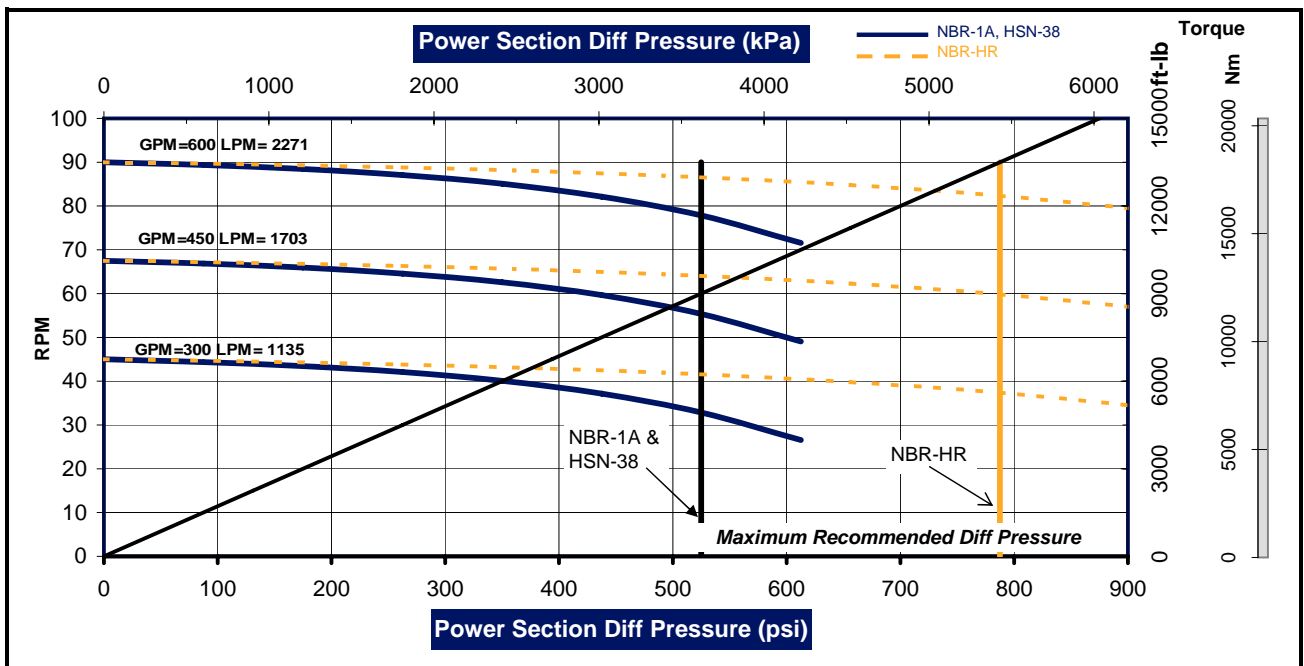
FIT INFORMATION		
NBR-1A & HSN-38	Minor Diameter	
Stator Size	Inch	mm
Standard	CONF	CONF
Oversize	CONF	CONF
Double Oversize		
<b>Nominal Fit at 75 F (25 C)</b>		
Standard	0.007	0.18
Oversize	-0.016	-0.41
Double Oversize		

\* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Undersize		
Standard	CONF	CONF
Oversize		
<b>Nominal Fit at 75 F (25 C)</b>		
Undersize		
Standard	0.009	0.23
Oversize		

PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A AND HSN-38	NBR-HR	
Torque Slope	17.143 ft-lb/psi 3.371 Nm/kPa		Max Diff Press psi (kPa)	530 (3620)	790 (5430)
Flow Range	300 to 600 GPM 1140 to 2270 Litre/min		Max Torque ft-lb (Nm)	9000 (12200)	13500 (18300)
Rotation	0.150 Rev/Gal 0.040 Rev/Litre		Stall Diff Press psi (kPa)	790 (5430)	1180 (8140)
Speed Range	45 to 90 RPM		Stall Torque ft-lb (Nm)	13500 (18300)	20250 (27450)
Off Bottom Press	150 psi 1030 kPa		Max Recommended HP(kW)	110 (82)	223 (166)



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.