

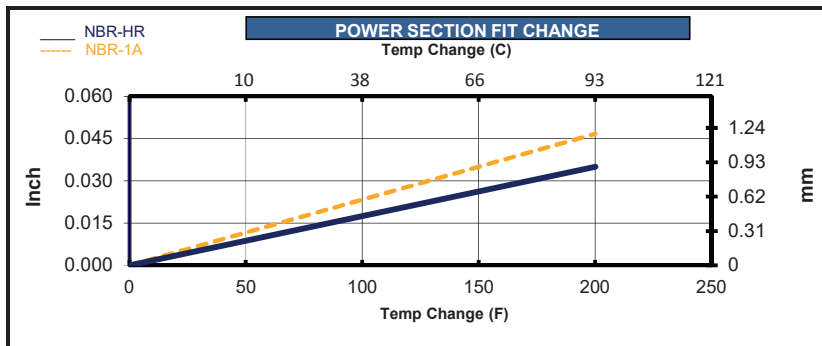
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	252.0	6401
Contour Length	245.0	6223
Eccentricity	0.247	6.26
Major Diameter	4.644	117.96
Head Diameter	4.500	114.30
Weight	883 (lbs)	400.5 (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	5.7	
Rubber Type	NBR-1A, NBR-HR	
Tube Material	4142 Seamless Tubing	

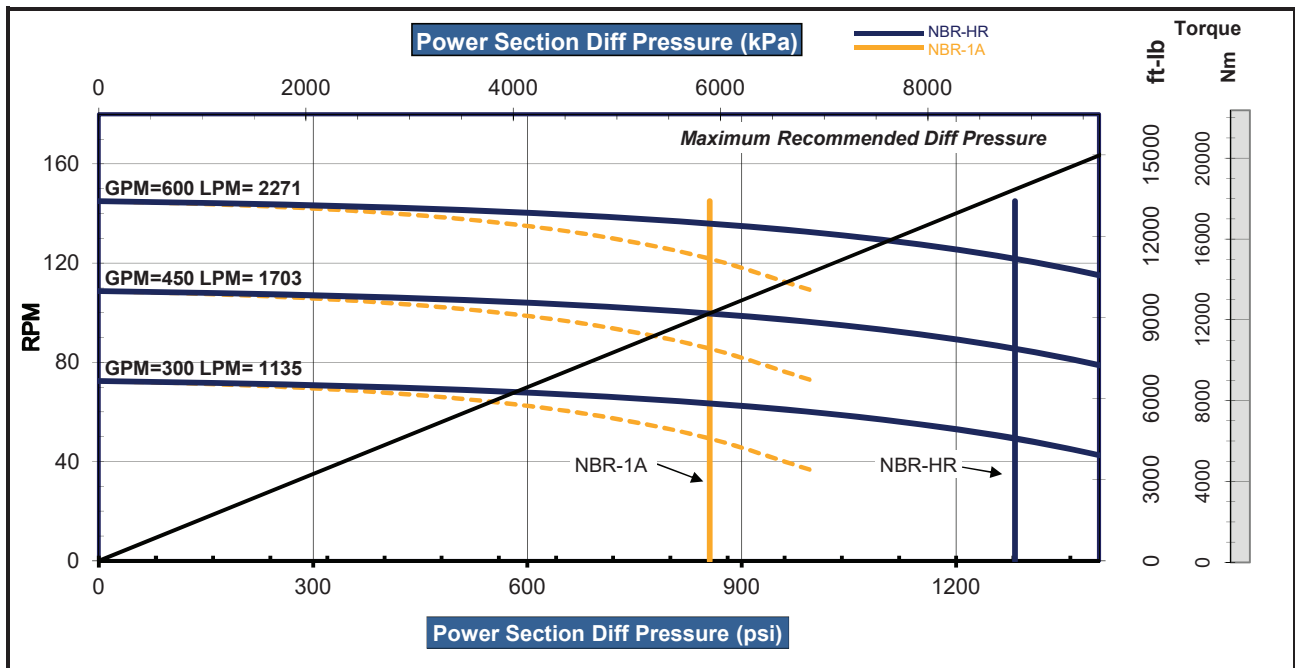
FIT INFORMATION		
NBR-1A	Minor Diameter	
Stator Size	Inch	mm
Standard	4.147	105.33
Oversize	4.180	106.17
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.004	0.10
Oversize	-0.029	-0.74
Double Oversize		

* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Undersize	4.138	105.11
Standard	4.158	105.61
Oversize	4.166	105.82
Double Oversize		
Nominal Fit at 75 F (25 C)		
Undersize	0.013	0.33
Standard	-0.007	-0.18
Oversize	-0.015	-0.38
Double Oversize		

PERFORMANCE SPECIFICATIONS		PERFORMANCE DETAILS		
Torque Slope	10.698 ft-lb/psi 2.104 Nm/kPa	Max Diff Press psi (kPa)	NBR-1A 860 (5900)	NBR-HR 1280 (8840)
Flow Range	300 to 600 GPM 1140 to 2270 Litre/min	Max Torque ft-lb (Nm)	9150 (12400)	13720 (18600)
Rotation	0.242 Rev/Gal 0.064 Rev/Litre	Stall Diff Press psi (kPa)	1280 (8840)	1920 (13260)
Speed Range	72 to 150 RPM	Stall Torque ft-lb (Nm)	13720 (18600)	20580 (27910)
Off Bottom Press	106 psi 730 kPa	Max Recommended HP(kW)	253 (188)	355 (265)



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 2014 Dyna-Drill®. All rights reserved.