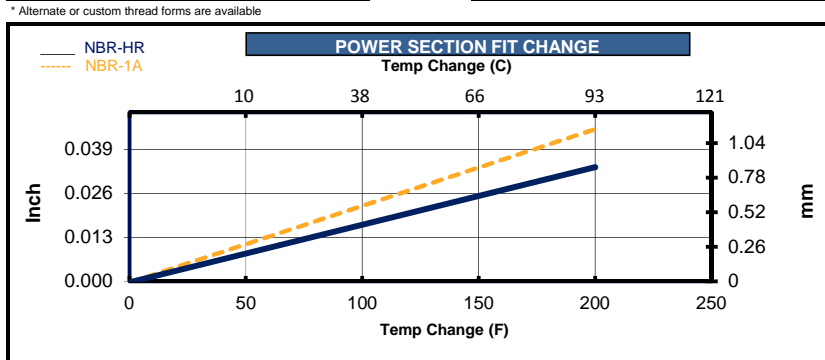


POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	126.0	3200
Contour Length	121.0	3073
Eccentricity	0.196	4.98
Major Diameter	1.959	49.76
Head Diameter	2.000	50.80
Weight	71 (lbs)	32.2 (kg)
Material	17-4SS	
Thread Form*	1.375 - 6 STUB ACME	

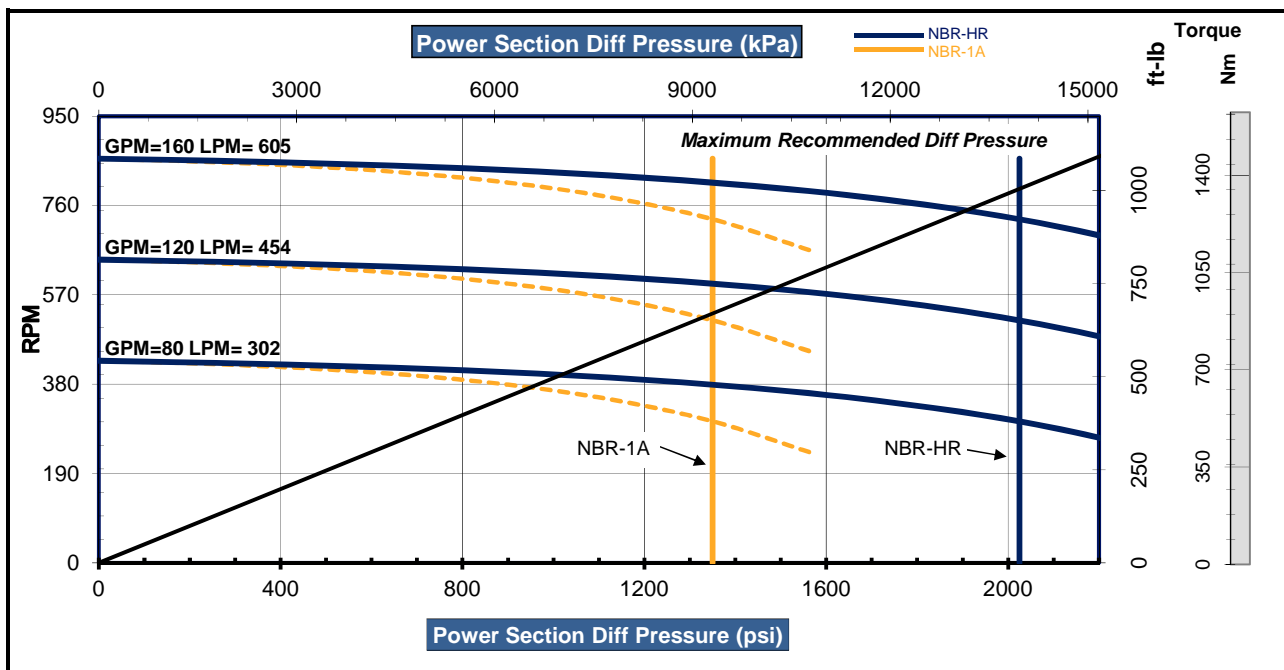
STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	149.0	3785
Rubber Cut Back	15.0	381
Tube O.D.	3.75	95.3
Tube I.D.	2.75	69.9
Weight	230 (lbs)	104 (kg)
Number of Stages	9.0	
Rubber Type	NBR-1A, NBR-HR	
Tube Material	4142 Seamless Tubing	

FIT INFORMATION		
NBR-1A	Minor Diameter	
Stator Size	Inch	mm
Standard	N/A	N/A
Oversize	1.585	40.26
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard		
Oversize	-0.018	-0.46
Double Oversize		



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Undersize		
Standard	1.567	39.80
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Undersize		
Standard	0.000	0.00
Oversize		
Double Oversize		

PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A	NBR-HR	
Torque Slope	0.496 ft-lb/psi	0.098 Nm/kPa	Max Diff Press psi (kPa)	1350 (9310)	2030 (13960)
Flow Range	80 to 160 GPM	300 to 610 Litre/min	Max Torque ft-lb (Nm)	670 (910)	1010 (1370)
Rotation	5.375 Rev/Gal	1.420 Rev/Litre	Stall Diff Press psi (kPa)	2030 (13960)	3040 (20940)
Speed Range	430 to 860 RPM		Stall Torque ft-lb (Nm)	1010 (1370)	1510 (2050)
Off Bottom Press	155 psi	1070 kPa	Max Recommended HP(kW)	110 (82)	155 (116)



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.