

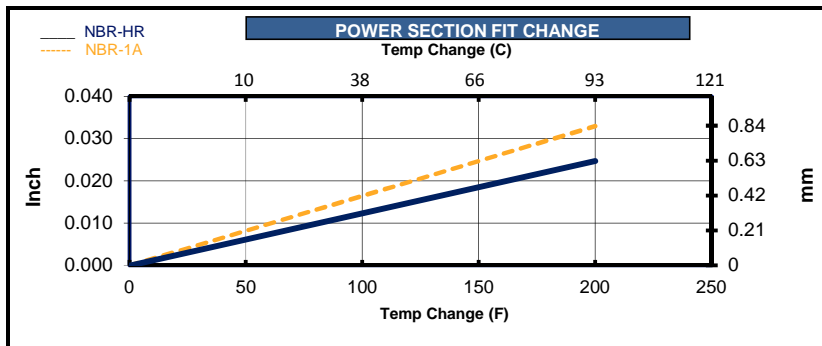
POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	76.0	1930
Contour Length	72.0	1829
Eccentricity	0.134	3.4
Major Diameter	2.157	54.79
Head Diameter	1.750	44.50
Weight	60 (lbs) 27.2 (kg)	
Material	17-4SS	
Thread Form*	1.375 - 6 STUB ACME	

STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	79.8	2026
Rubber Cut Back	4.6	118
Tube O.D.	3.50	88.9
Tube I.D.	2.75	69.9
Weight	90 (lbs) 41 (kg)	
Number of Stages	3.0	
Rubber Type	NBR-1A, NBR-HR	
Tube Material	4142 Seamless Tubing	

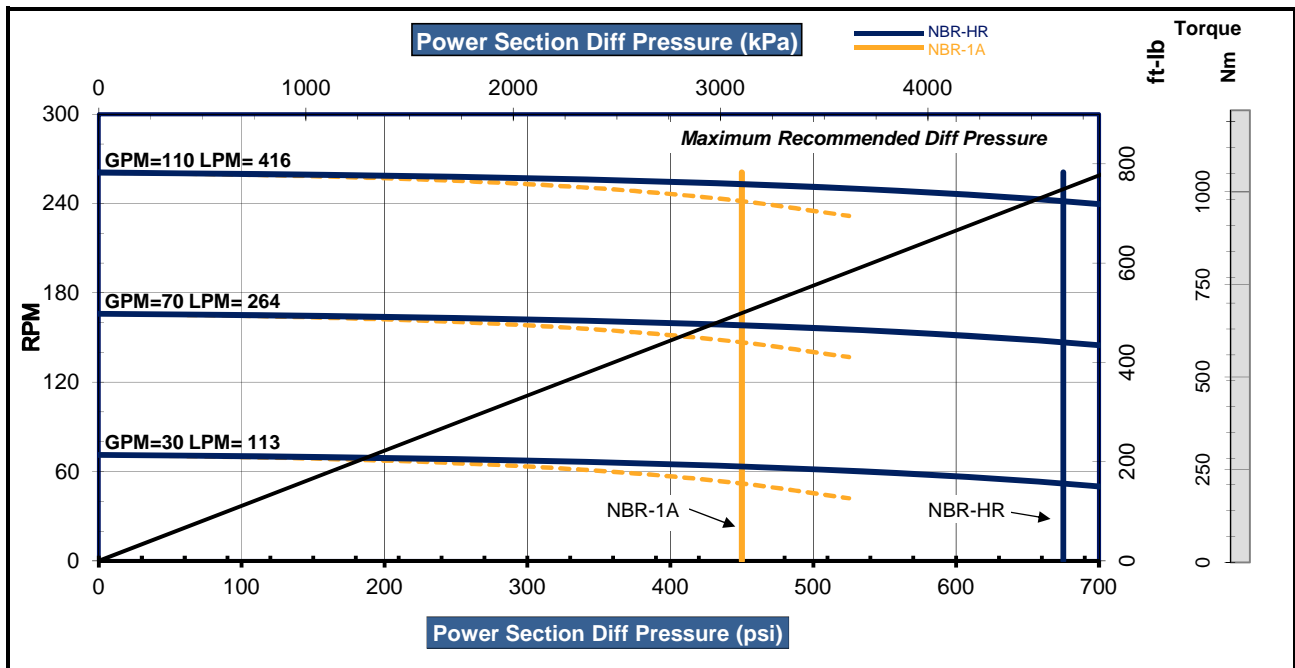
FIT INFORMATION		
NBR-1A	Minor Diameter	
Stator Size	Inch	mm
Standard	1.890	48.01
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.000	0.00
Oversize		
Double Oversize		

* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Undersize		
Standard	1.897	48.18
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Undersize		
Standard	-0.008	-0.20
Oversize		
Double Oversize		

PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
Torque Slope	1.110 ft-lb/psi 0.218 Nm/kPa		Max Diff Press psi (kPa)	NBR-1A 450 (3100)	NBR-HR 680 (4650)
Flow Range	30 to 110 GPM 110 to 420 Litre/min		Max Torque ft-lb (Nm)	500 (680)	750 (1010)
Rotation	2.372 Rev/Gal 0.627 Rev/Litre		Stall Diff Press psi (kPa)	680 (4650)	1010 (6980)
Speed Range	71 to 270 RPM		Stall Torque ft-lb (Nm)	750 (1010)	1120 (1520)
Off Bottom Press	100 psi 690 kPa		Max Recommended HP(kW)	25 (19)	36 (27)



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.