

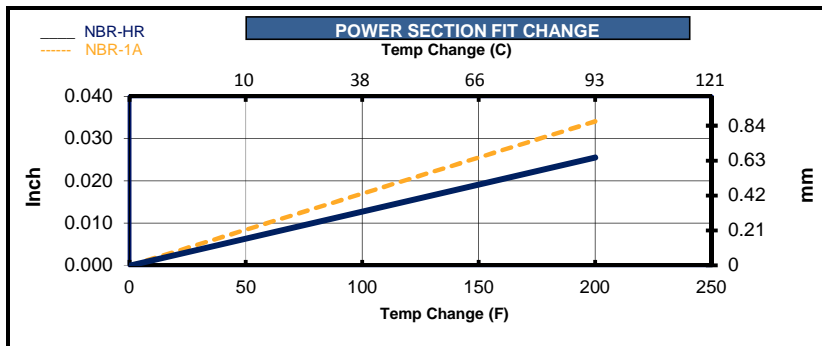
## POWER SECTION

ROTOR SPECIFICATIONS		
	Inch	mm
Overall Length	117.0	2972
Contour Length	113.0	2870
Eccentricity	0.119	3.02
Major Diameter	2.144	54.46
Head Diameter	2.000	50.80
Weight	95 (lbs) 43.1 (kg)	
Material	17-4SS	
Thread Form*	1.375 - 6 STUB ACME	

STATOR SPECIFICATIONS		
	Inch	mm
Overall Length	133.8	3397
Rubber Cut Back	5.8	146
Tube O.D.	3.50	88.9
Tube I.D.	2.75	69.9
Weight	151 (lbs) 68 (kg)	
Number of Stages	4.3	
Rubber Type	NBR-1A, NBR-HR	
Tube Material	4142 Seamless Tubing	

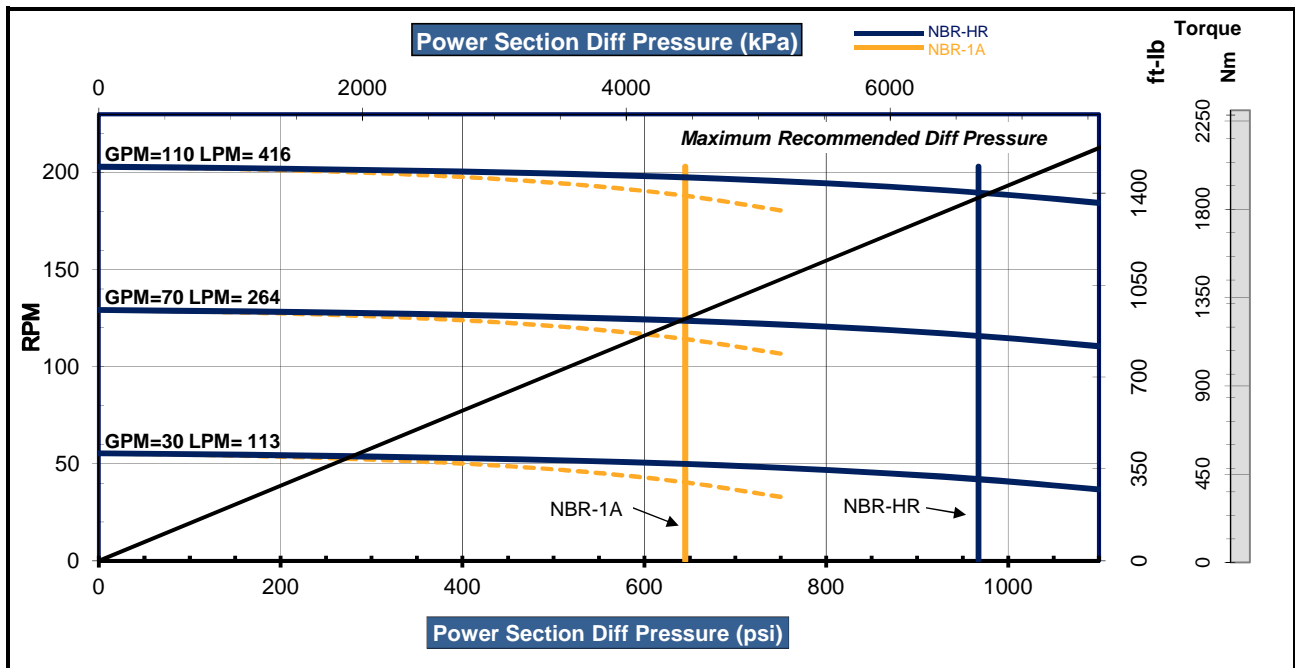
FIT INFORMATION		
NBR-1A	Minor Diameter	
Stator Size	Inch	mm
Standard	1.886	47.90
Oversize	1.904	48.36
Double Oversize		
Nominal Fit at 75 F (25 C)		
Standard	0.020	0.51
Oversize	0.002	0.05
Double Oversize		

\* Alternate or custom thread forms are available



FIT INFORMATION		
NBR-HR	Minor Diameter	
Stator Size	Inch	mm
Undersize		
Standard	1.888	47.96
Oversize		
Double Oversize		
Nominal Fit at 75 F (25 C)		
Undersize		
Standard	0.018	0.46
Oversize		
Double Oversize		

PERFORMANCE SPECIFICATIONS			PERFORMANCE DETAILS		
			NBR-1A	NBR-HR	
Torque Slope	1.429 ft-lb/psi	0.281 Nm/kPa	Max Diff Press psi (kPa)	650 (4450)	970 (6670)
Flow Range	30 to 110 GPM	110 to 420 Litre/min	Max Torque ft-lb (Nm)	920 (1250)	1380 (1870)
Rotation	1.846 Rev/Gal	0.488 Rev/Litre	Stall Diff Press psi (kPa)	970 (6670)	1450 (10010)
Speed Range	55 to 210 RPM		Stall Torque ft-lb (Nm)	1380 (1870)	2070 (2810)
Off Bottom Press	46 psi	320 kPa	Max Recommended HP(kW)	36 (27)	52 (39)



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.