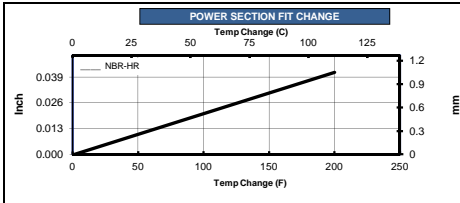


## POWER SECTION

ROTOR SPECIFICATIONS			
	Inch	mm	
Overall Length	118.5	3010	
Contour Length	111.5	2832	
Eccentricity	0.256	6.5	
Major Diameter	4.520	114.81	
Head Diameter	4.000	101.60	
Weight	391 (lbs)	177.4 (kg)	
Material	17-4SS		
Thread Form*	2.7/8 API REG		

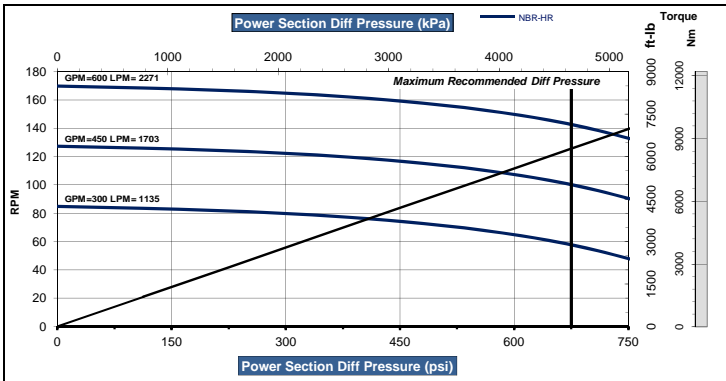
\*Please use or custom thread forms are available.

STATOR SPECIFICATIONS			
	Inch	mm	
Overall Length	131.0	3327	
Rubber Cut Back	7.3	184	
Tube O.D.	8.00	203.2	
Tube I.D.	5.50	139.7	
Weight	1021 (lbs)	463 (kg)	
Number of Stages	3.0		
Rubber Type	NBR-HR		
Tube Material	4142 Seamless Tubing		



FIT INFORMATION			
NBR-HR	Minor Diameter		
Stator Size	Inch	mm	
Undersize			
Standard	3.987	101.27	
Oversize			
Nominal Fit at 75 F (25 C)			
Undersize			
Standard	0.021	0.53	
Oversize			

PERFORMANCE SPECIFICATIONS				PERFORMANCE DETAILS			
Torque Slope	9.300 ft-lb/psi	1.829 Nm/kPa					NBR-HR
Flow Range	300 to 600 GPM	1140 to 2270 Litre/min		Max Diff Press psi (kPa)			680 (4650)
Rotation	0.283 Rev/Gal	0.075 Rev/Litre		Max Torque ft-lb (Nm)			6280 (8510)
Speed Range	84 to 170 RPM			Stall Diff Press psi (kPa)			1010 (6980)
Off Bottom Press	111 psi	770 kPa		Stall Torque ft-lb (Nm)			9420 (12770)
				Max Recommended HP(kW)			190 (142)



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 2009 Dyna-Drill® Technologies, Inc. All rights reserved.