



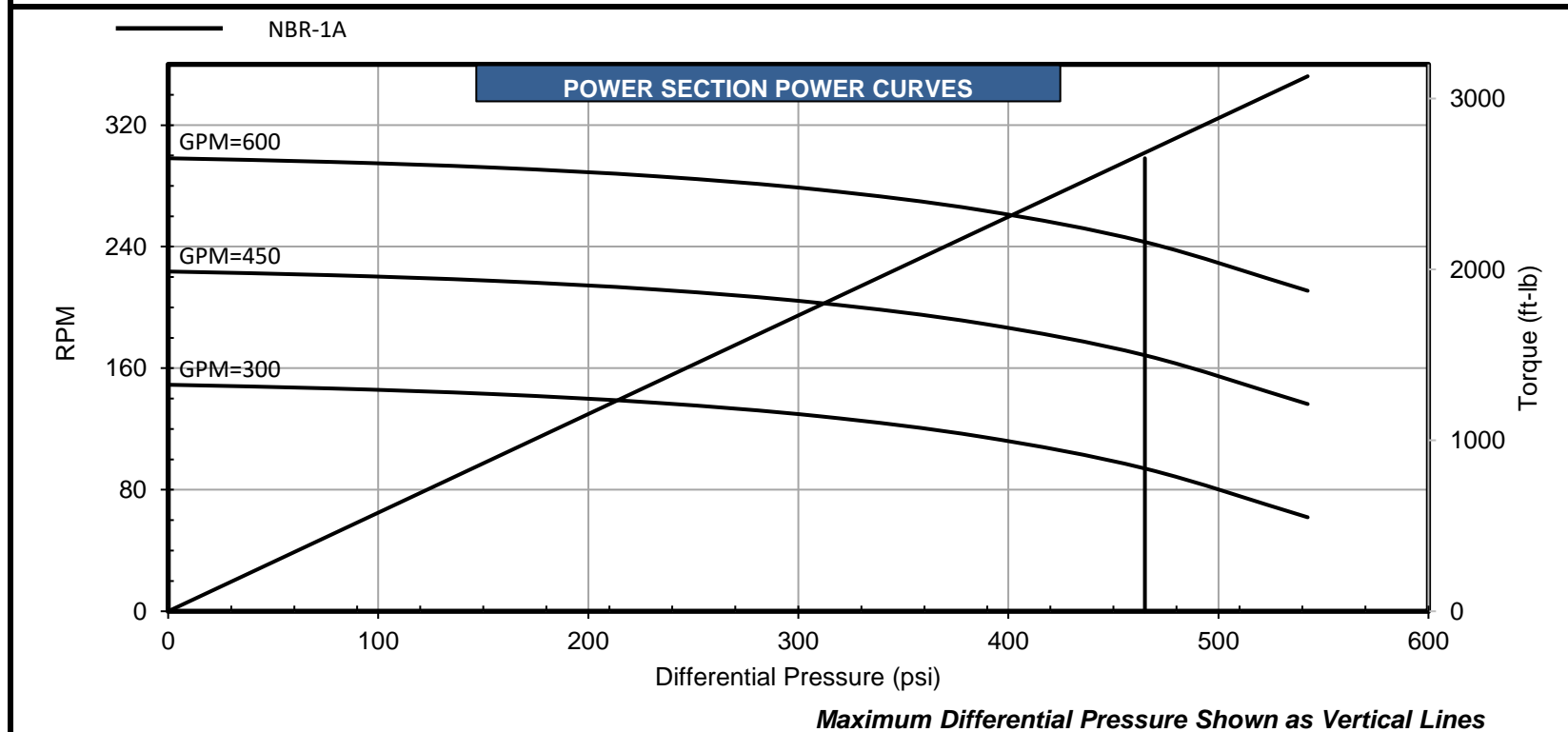
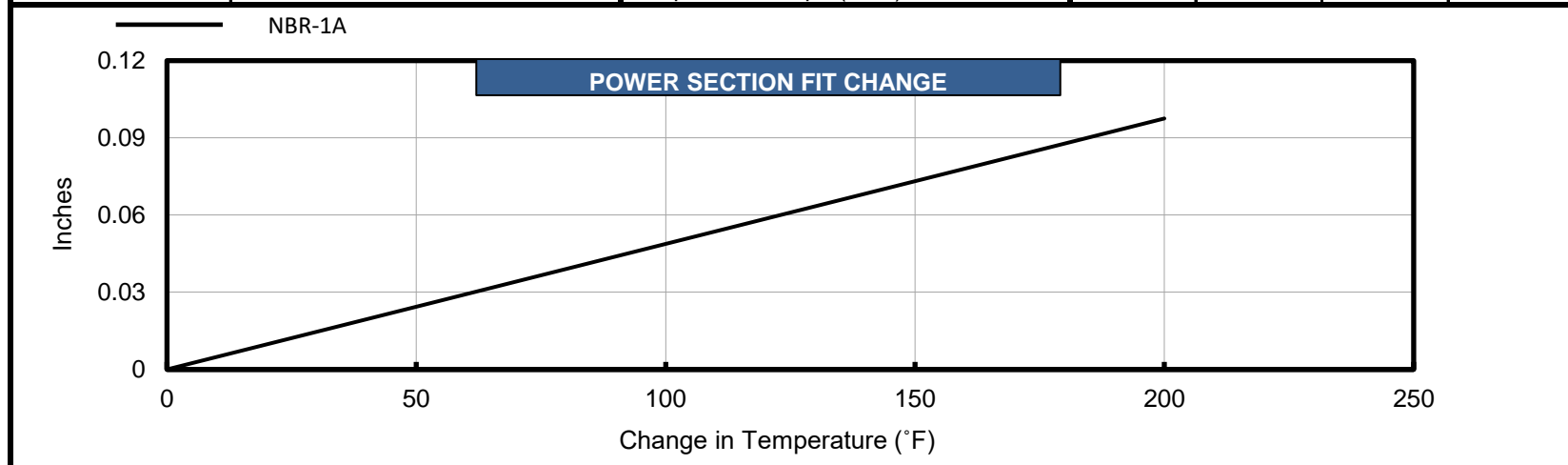
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	3.489			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.021			
1 Oversize				
2 Oversize				

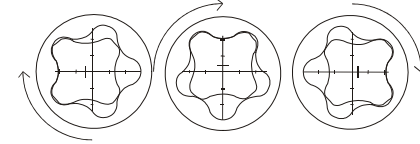
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	97.0	Overall Length	104.5
Contour Length	90.0	Rubber Cutback #1**	7.5
Eccentricity	0.355	Rubber Cutback #2**	7.5
Major Diameter	4.220	Tube O.D.	6.75
Head Diameter	4.000	Tube I.D.	5.50
Weight (lb)	264	Weight (lb)	428
Material	Non-Mag	Number of Stages	3.1
Thread Form**	2 7/8 API REG		

** Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	5.770 ft-lb/psi	Max. Diff. Press. (psi)	470			
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	2680			
RPG	0.497 rev/gal	Stall Diff. Press. (psi)	700			
Speed Range	149 to 298 RPM	Stall Torque (ft-lb)	4020			
Off Bottom Press.	142 psi	Max. Recommended (HP)	124			
		PSI Per Stage	150			
		PSI Per Cavity	40			
		Temperature Slope (in/°F)	0.000488			



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.



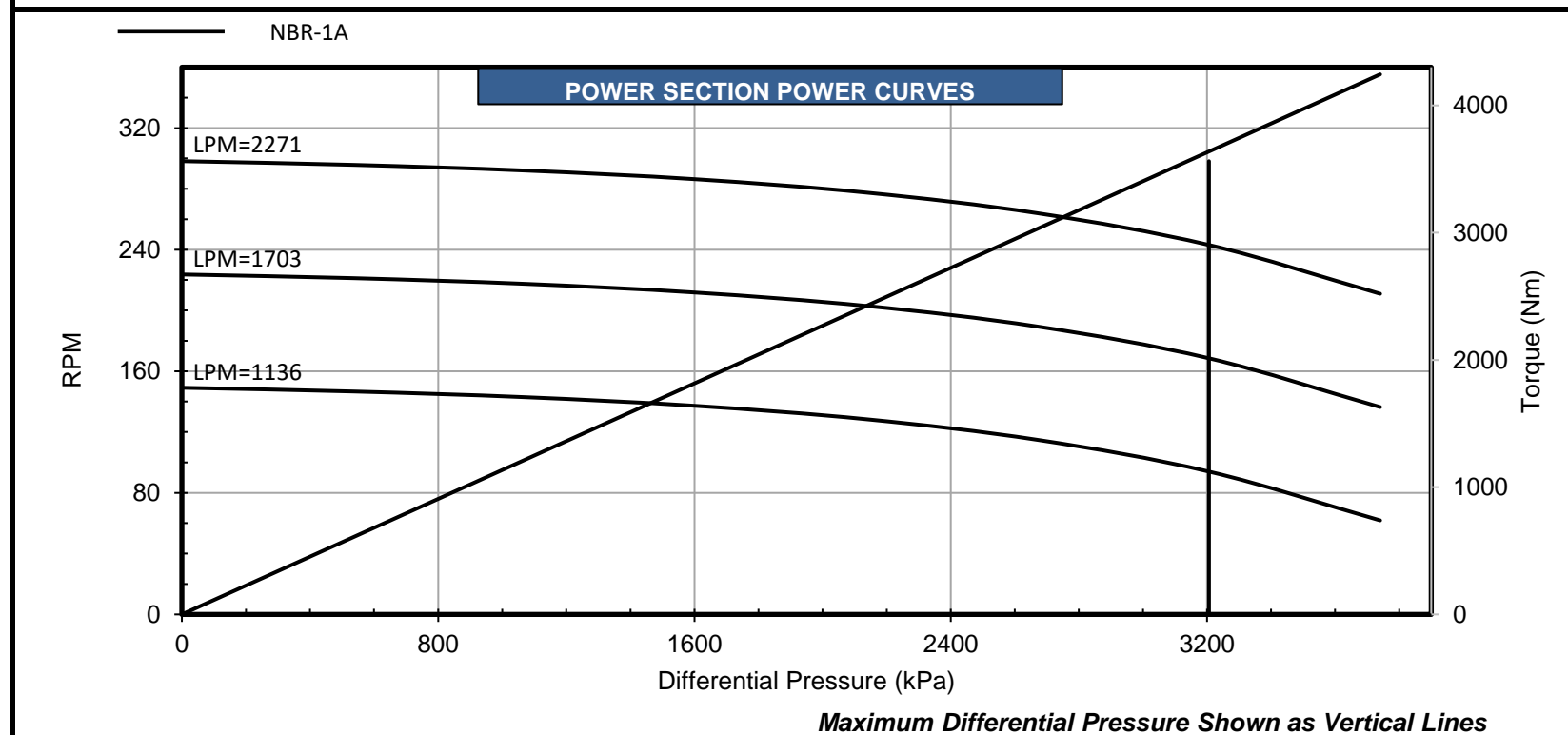
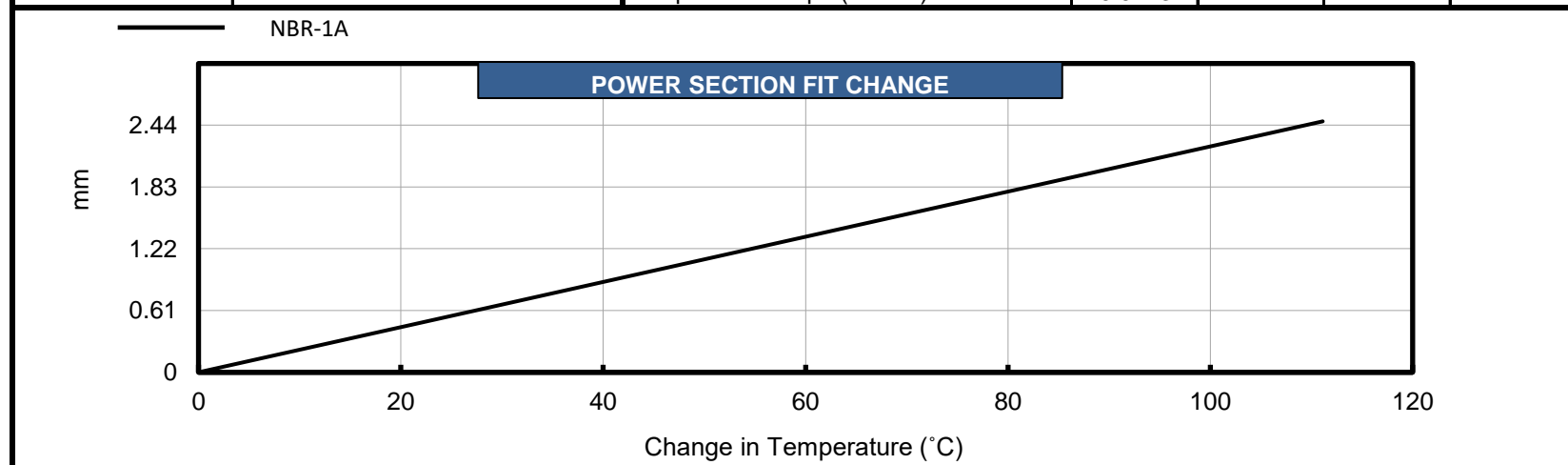
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	88.62			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.53			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	2463.8	Overall Length	2654.3
Contour Length	2286.0	Rubber Cutback #1**	190.5
Eccentricity	9.02	Rubber Cutback #2**	190.5
Major Diameter	107.19	Tube O.D.	171.5
Head Diameter	101.60	Tube I.D.	139.7
Weight (kg)	120	Weight (kg)	194
Material	Non-Mag	Number of Stages	3.1
Thread Form**	2 7/8 API REG		

** Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	1.135 Nm/kPa	Max. Diff. Press. (kPa)	3241			
Flow Range	1136 to 2271 Litre/min	Max. Torque (Nm)	3634			
RPG	0.131 rev/litre	Stall Diff. Press. (kPa)	4826			
Speed Range	149 to 298 RPM	Stall Torque (Nm)	5450			
Off Bottom Press.	979 kPa	Max. Recommended (kW)	93			
		kPa Per Stage	1034			
		kPa Per Cavity	276			
		Temperature Slope (mm/°C)	0.0223			



Maximum Differential Pressure Shown as Vertical Lines

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.