

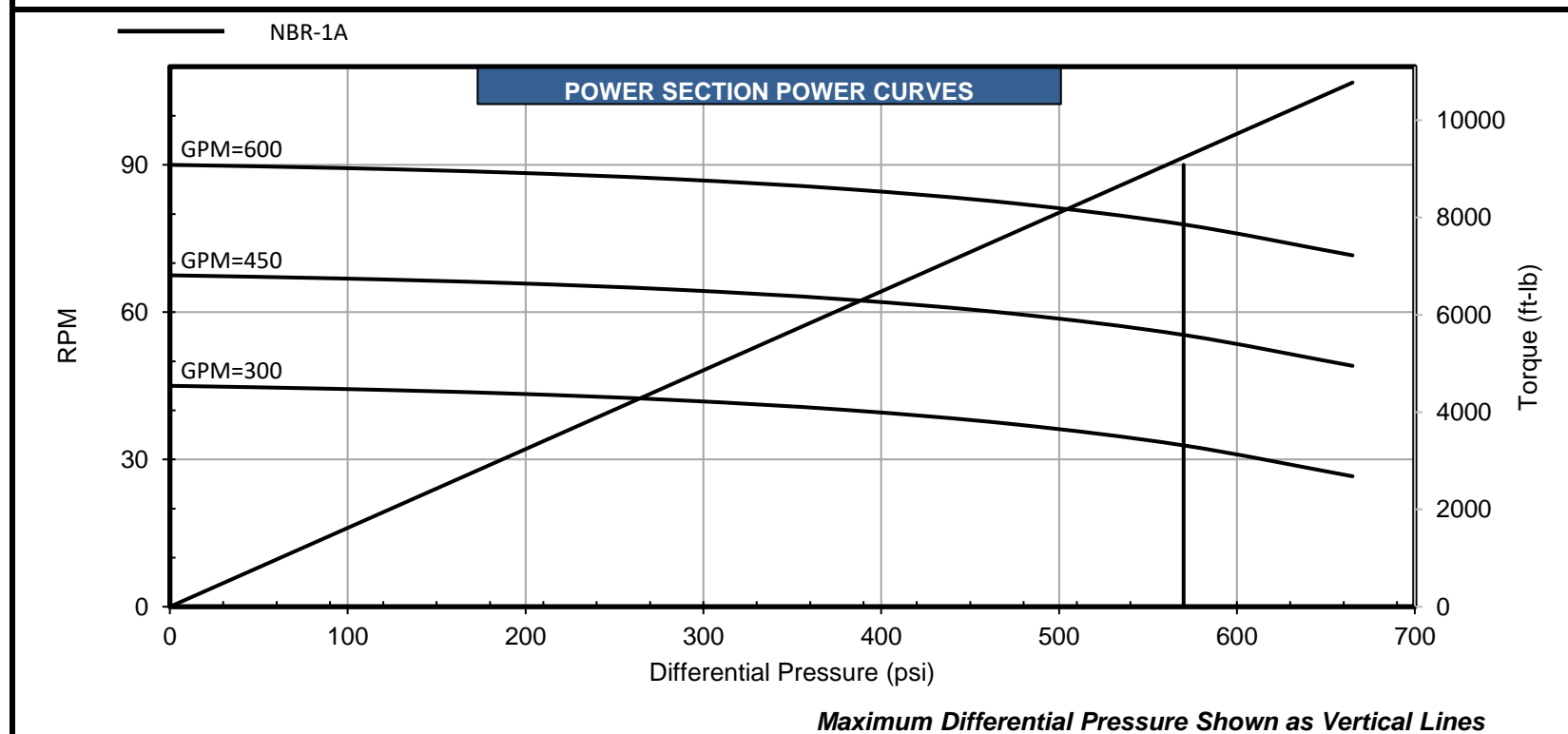
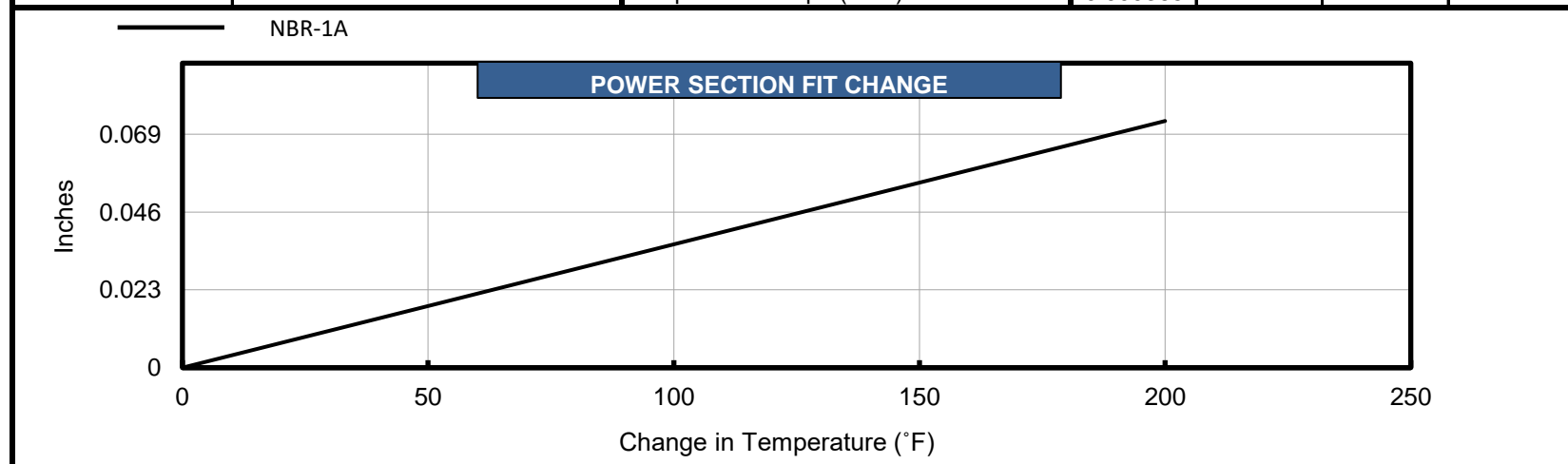
## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	3.914			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.006			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	274.5	Overall Length	300.0
Contour Length	266.5	Rubber Cutback #1**	25.0
Eccentricity	0.201	Rubber Cutback #2**	10.5
Major Diameter	4.322	Tube O.D.	6.50
Head Diameter	4.750	Tube I.D.	5.40
Weight (lb)	933	Weight (lb)	1023
Material	17-4SS	Number of Stages	3.8
Thread Form**	3 1/2 API REG		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	16.200 ft-lb/psi	Max. Diff. Press. (psi)	570			
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	9230			
RPG	0.150 rev/gal	Stall Diff. Press. (psi)	860			
Speed Range	45 to 90 RPM	Stall Torque (ft-lb)	13850			
Off Bottom Press.	74 psi	Max. Recommended (HP)	137			
		PSI Per Stage	150			
		PSI Per Cavity	20			
		Temperature Slope (in/°F)	0.000365			



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.



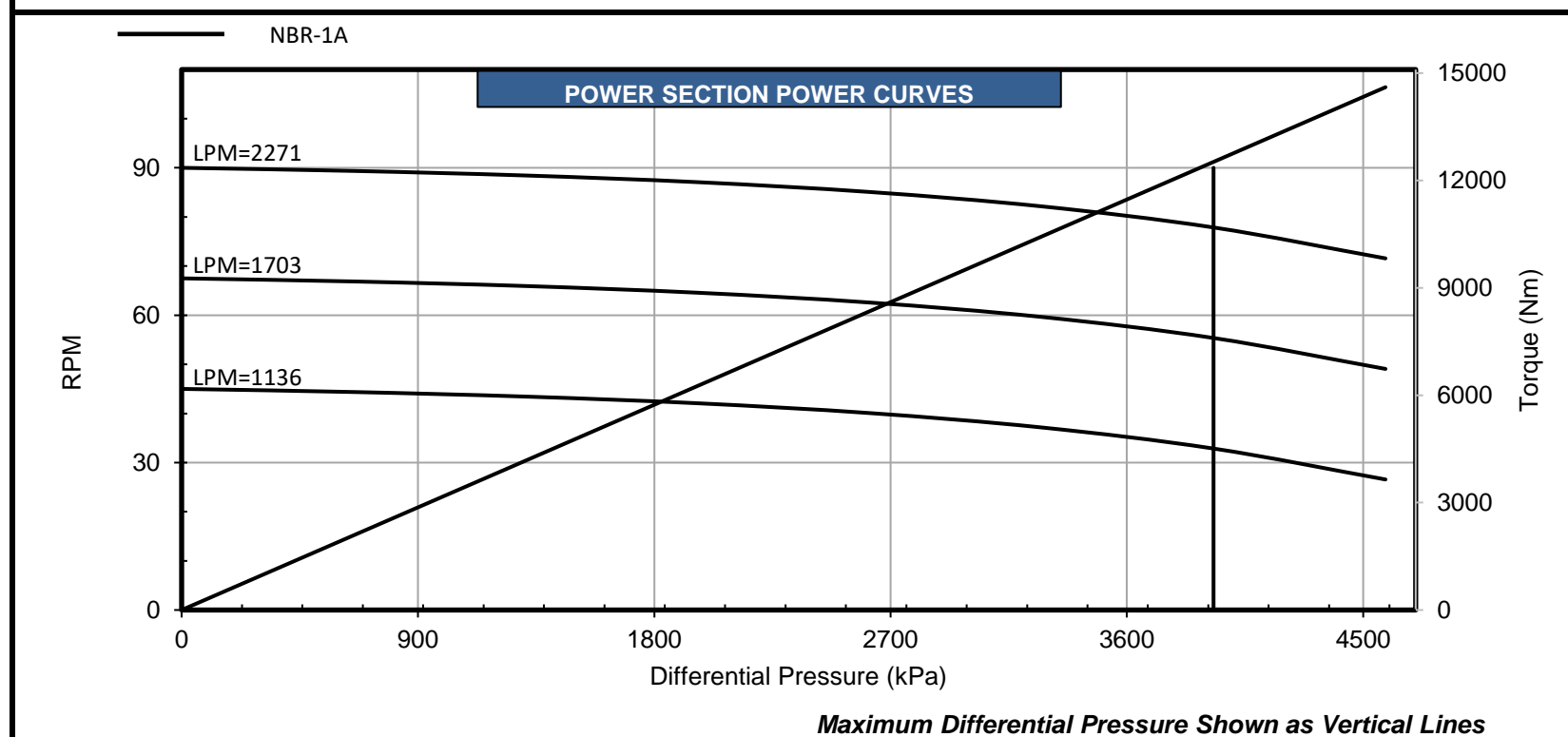
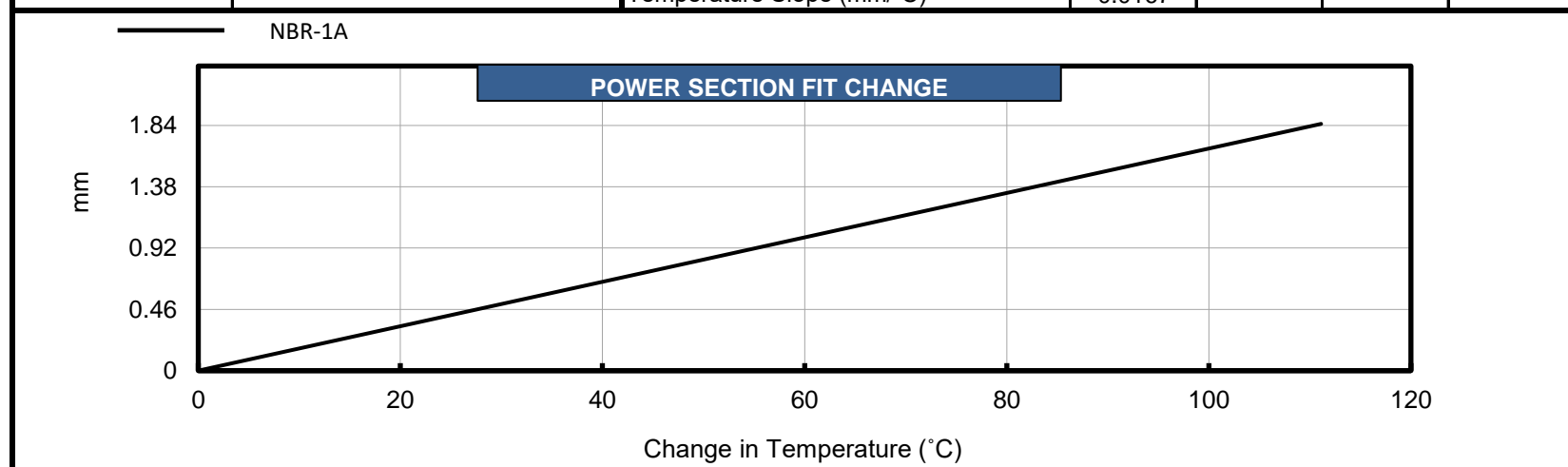
## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	99.42			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.15			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	6972.3	Overall Length	7620.0
Contour Length	6769.1	Rubber Cutback #1**	635.0
Eccentricity	5.11	Rubber Cutback #2**	266.7
Major Diameter	109.78	Tube O.D.	165.1
Head Diameter	120.65	Tube I.D.	137.2
Weight (kg)	423	Weight (kg)	464
Material	17-4SS	Number of Stages	3.8
Thread Form**	3 1/2 API REG		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	3.186 Nm/kPa	Max. Diff. Press. (kPa)	3930			
Flow Range	1136 to 2271 Litre/min	Max. Torque (Nm)	12514			
RPG	0.040 rev/litre	Stall Diff. Press. (kPa)	5929			
Speed Range	45 to 90 RPM	Stall Torque (Nm)	18778			
Off Bottom Press.	510 kPa	Max. Recommended (kW)	102			
		kPa Per Stage	1034			
		kPa Per Cavity	138			
		Temperature Slope (mm/°C)	0.0167			



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