

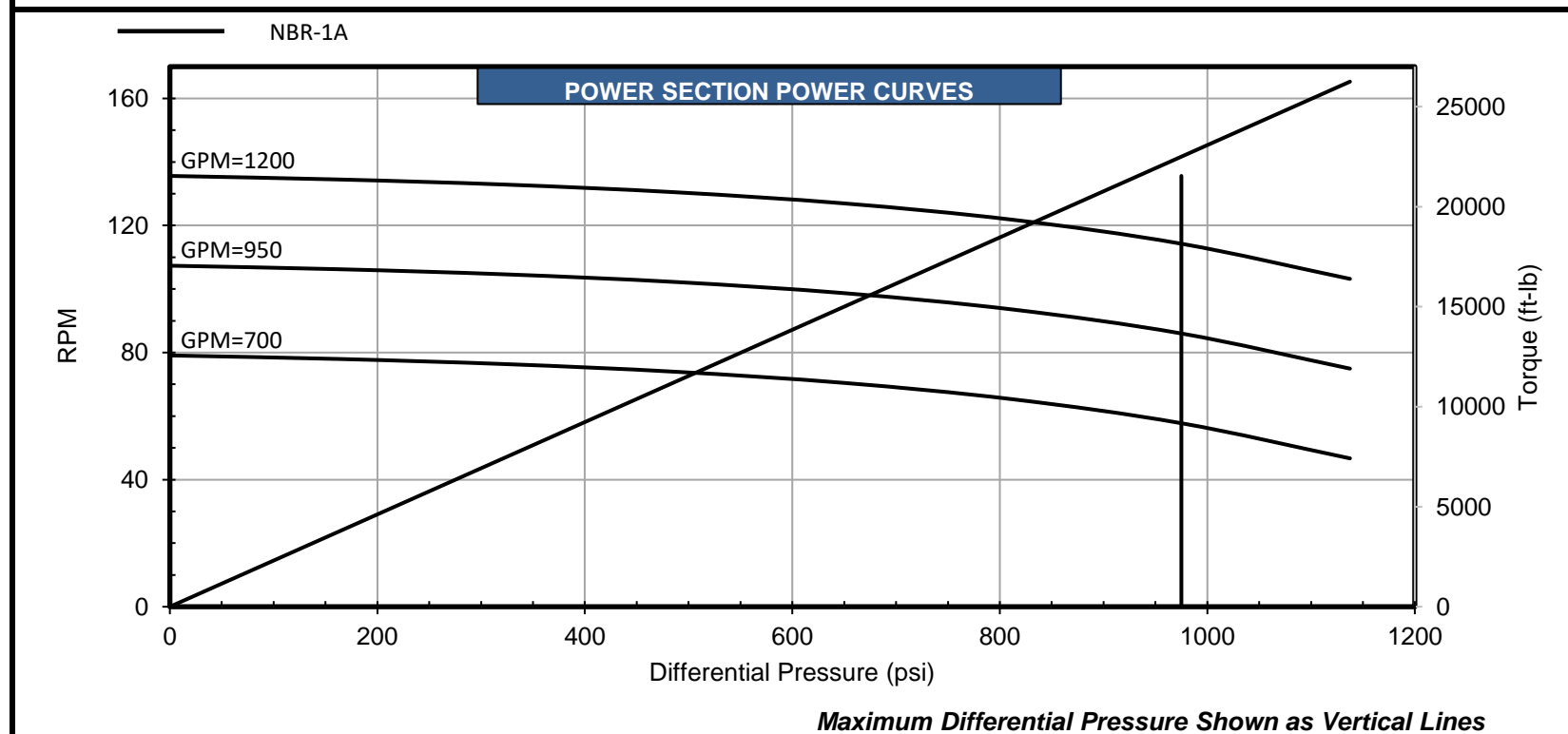
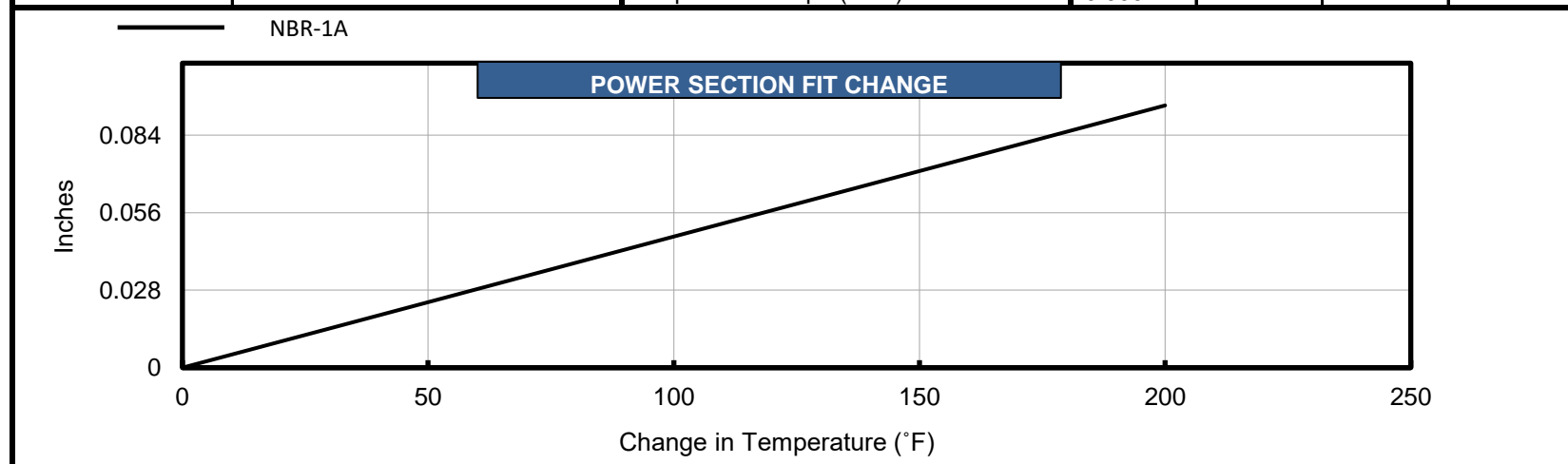
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	5.770			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.003			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	290.0	Overall Length	300.0
Contour Length	281.0	Rubber Cutback #1**	10.0
Eccentricity	0.369	Rubber Cutback #2**	10.0
Major Diameter	6.511	Tube O.D.	9.63
Head Diameter	5.500	Tube I.D.	7.88
Weight (lb)	1905	Weight (lb)	2234
Material	17-4SS	Number of Stages	6.5
Thread Form**	4 API FH		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	23.077 ft-lb/psi	Max. Diff. Press. (psi)	980			
Flow Range	700 to 1200 GPM	Max. Torque (ft-lb)	22500			
RPG	0.113 rev/gal	Stall Diff. Press. (psi)	1460			
Speed Range	79 to 136 RPM	Stall Torque (ft-lb)	33750			
Off Bottom Press.	161 psi	Max. Recommended (HP)	489			
		PSI Per Stage	150			
		PSI Per Cavity	22			
		Temperature Slope (in/°F)	0.000474			



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.



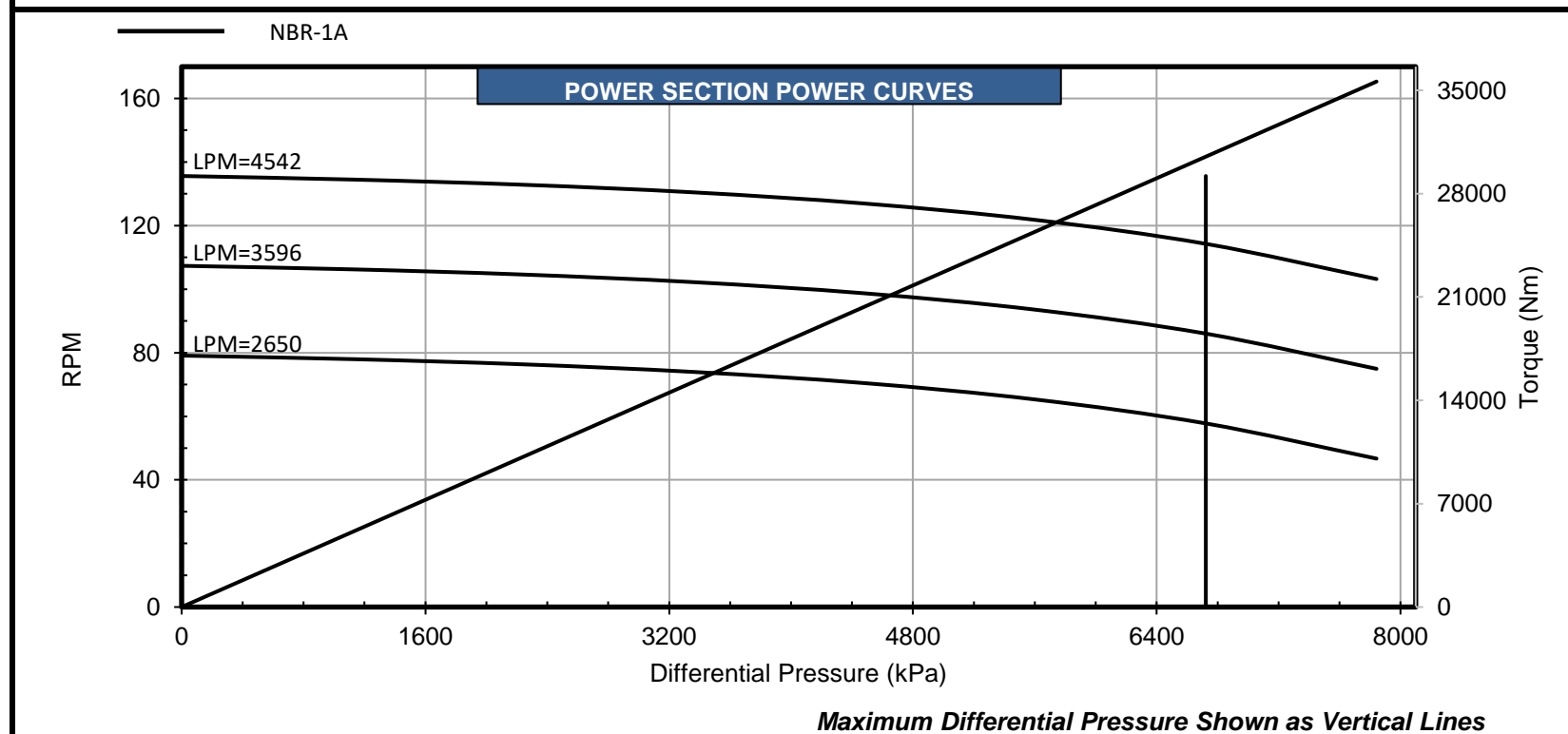
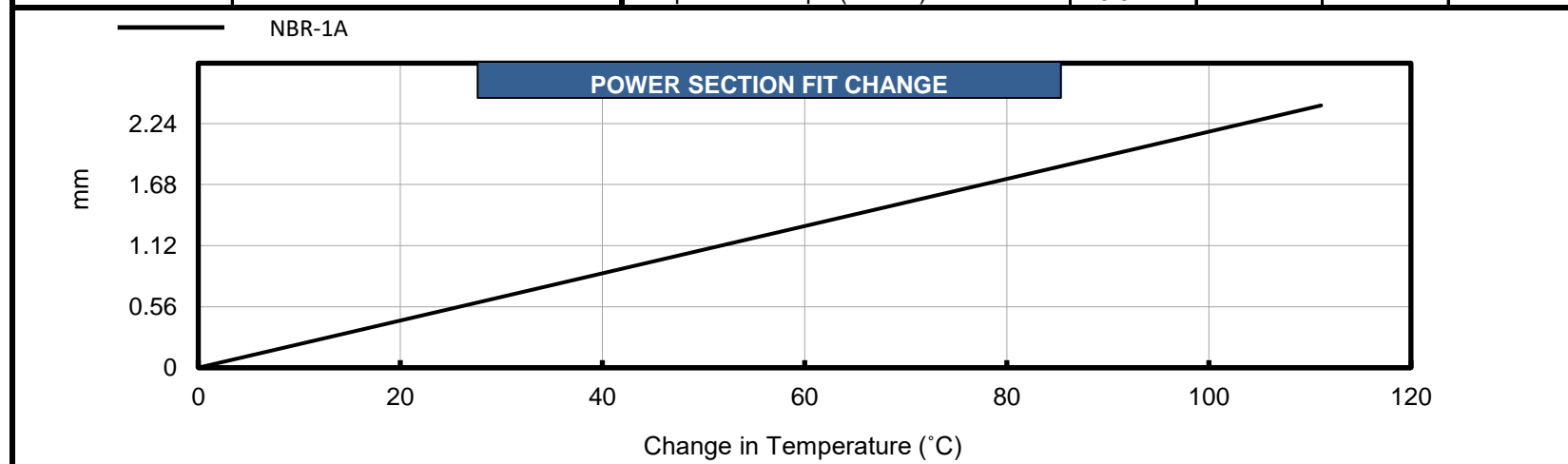
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	146.56			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.08			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	7366.0	Overall Length	7620.0
Contour Length	7137.4	Rubber Cutback #1**	254.0
Eccentricity	9.38	Rubber Cutback #2**	254.0
Major Diameter	165.38	Tube O.D.	244.6
Head Diameter	139.70	Tube I.D.	200.2
Weight (kg)	864	Weight (kg)	1013
Material	17-4SS	Number of Stages	6.5
Thread Form**	4 API FH		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	4.538 Nm/kPa	Max. Diff. Press. (kPa)	6757			
Flow Range	2650 to 4542 Litre/min	Max. Torque (Nm)	30506			
RPG	0.030 rev/litre	Stall Diff. Press. (kPa)	10066			
Speed Range	79 to 136 RPM	Stall Torque (Nm)	45759			
Off Bottom Press.	1110 kPa	Max. Recommended (kW)	365			
		kPa Per Stage	1034			
		kPa Per Cavity	152			
		Temperature Slope (mm/°C)	0.0217			



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