



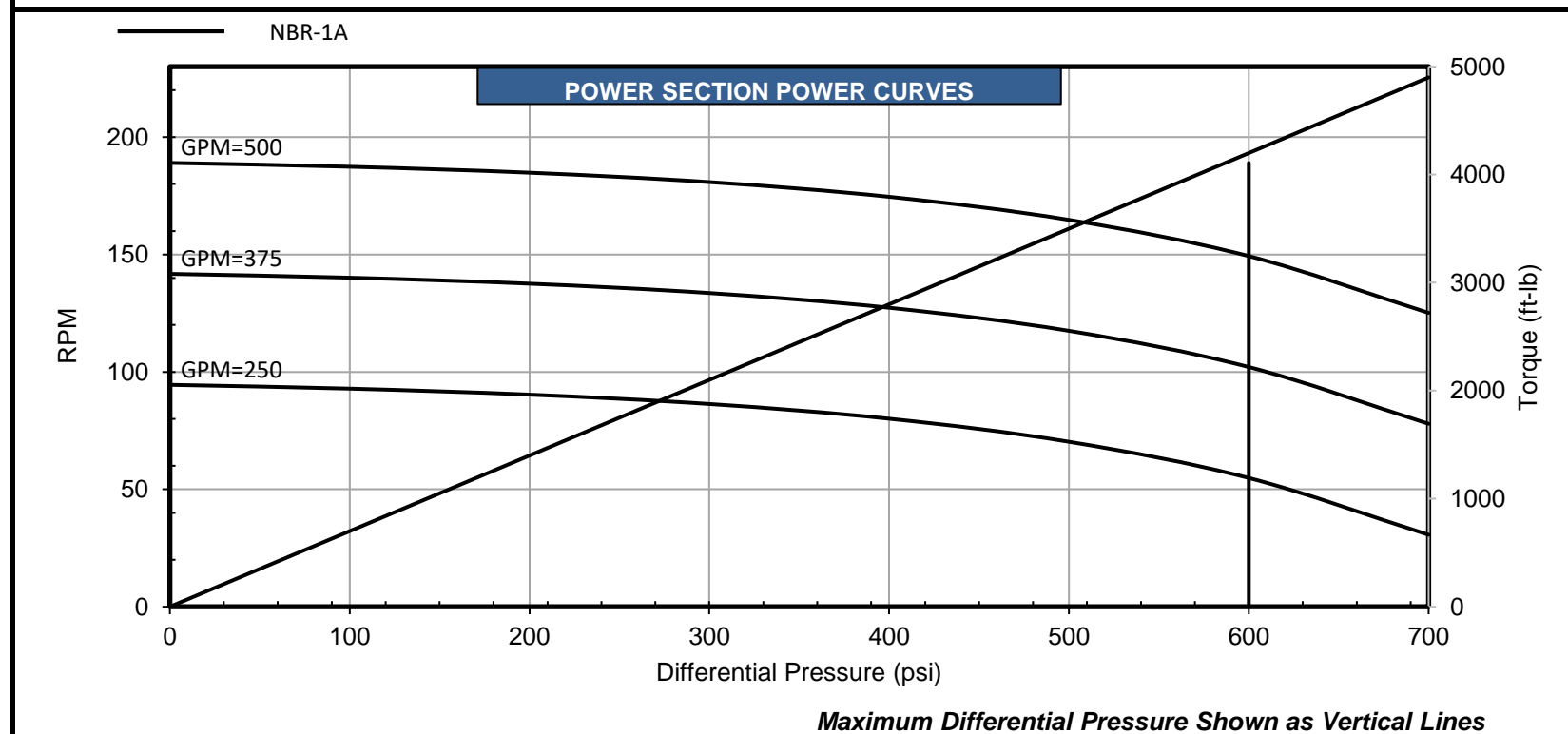
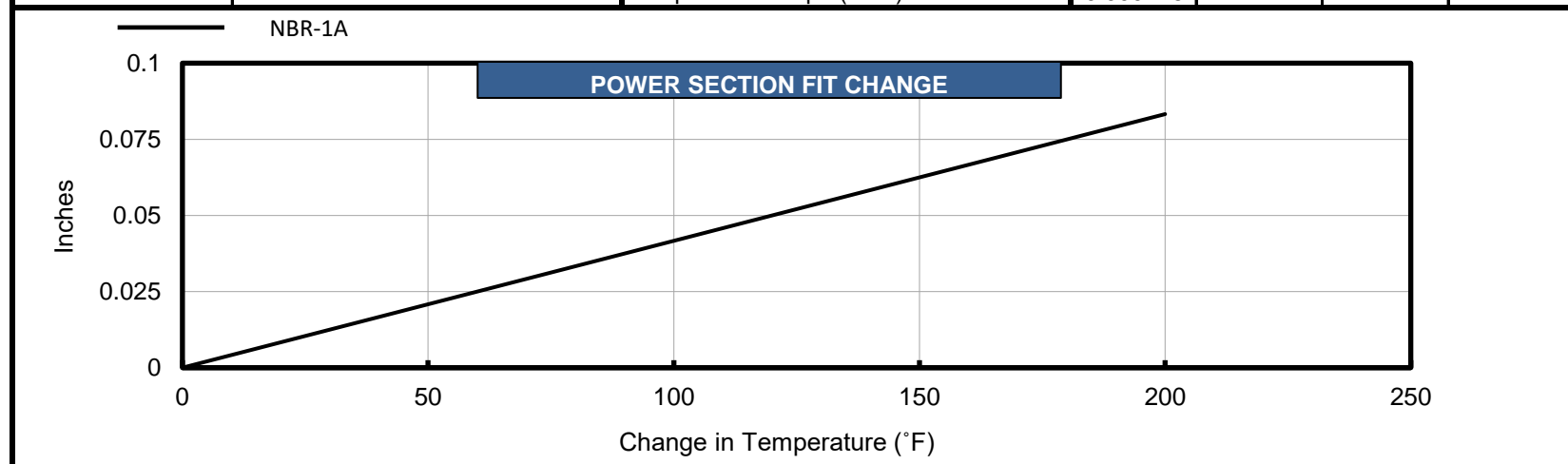
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	3.608			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.007			
1 Oversize				
2 Oversize				

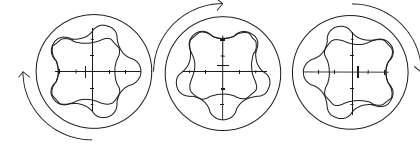
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	162.0	Overall Length	169.5
Contour Length	155.3	Rubber Cutback #1**	8.0
Eccentricity	0.276	Rubber Cutback #2**	8.0
Major Diameter	4.152	Tube O.D.	6.75
Head Diameter	4.000	Tube I.D.	5.50
Weight (lb)	420	Weight (lb)	736
Material	17-4SS	Number of Stages	4.0
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	7.000 ft-lb/psi	Max. Diff. Press. (psi)	600			
Flow Range	250 to 500 GPM	Max. Torque (ft-lb)	4200			
RPG	0.378 rev/gal	Stall Diff. Press. (psi)	900			
Speed Range	95 to 189 RPM	Stall Torque (ft-lb)	6300			
Off Bottom Press.	98 psi	Max. Recommended (HP)	119			
		PSI Per Stage	150			
		PSI Per Cavity	32			
		Temperature Slope (in/°F)	0.000416			



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.



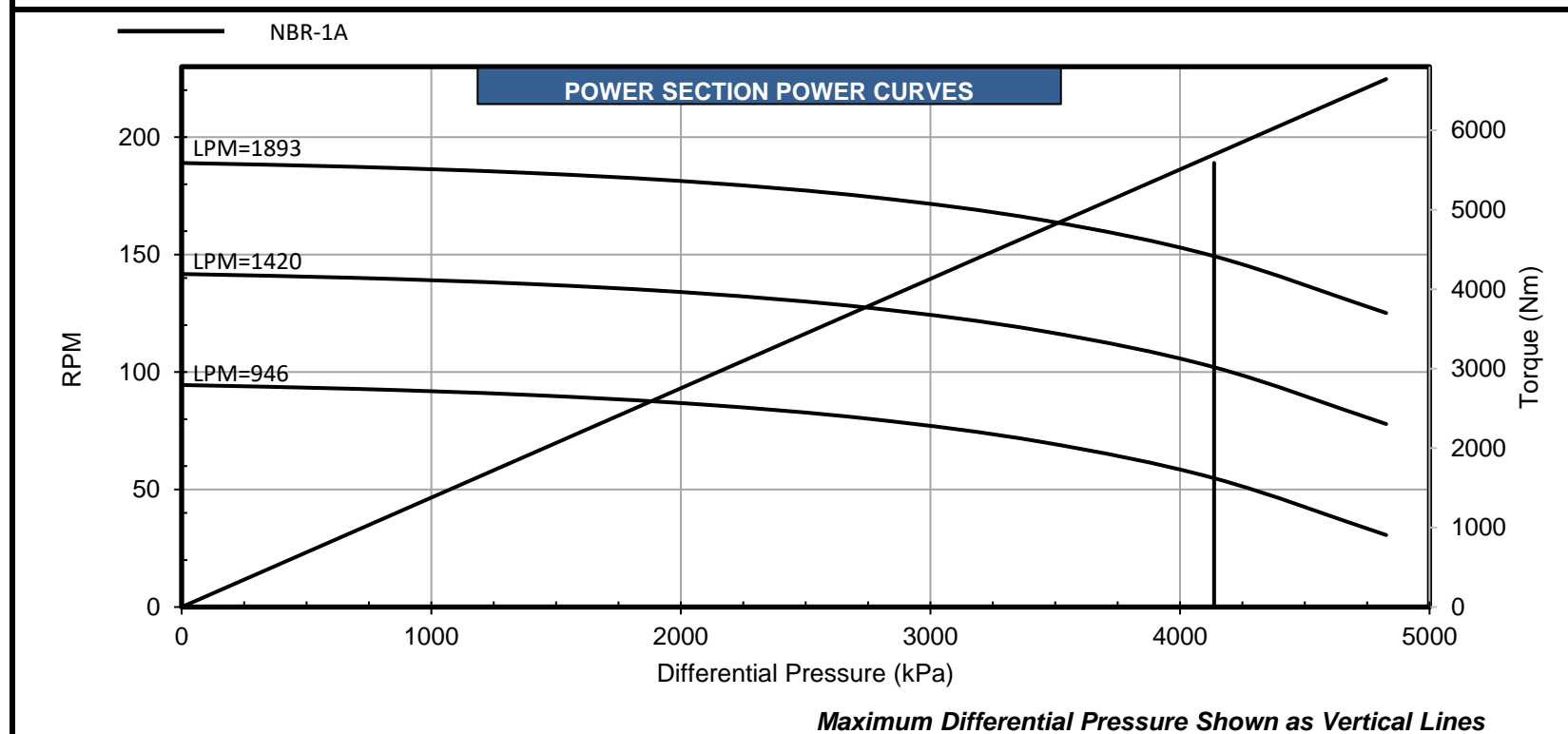
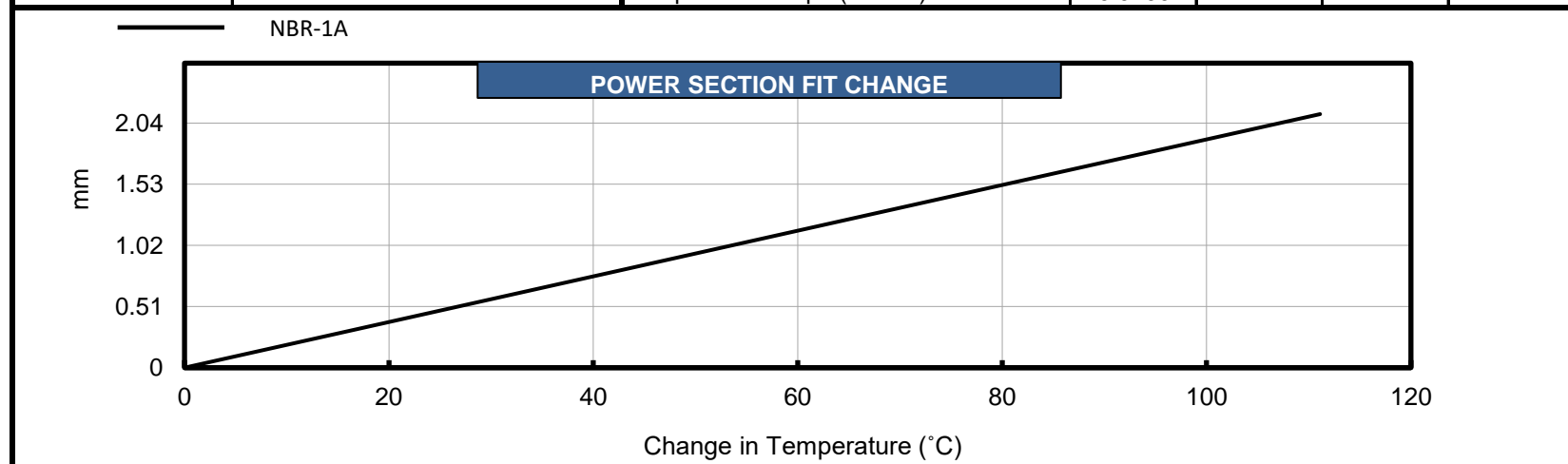
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	91.64			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.18			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	4114.8	Overall Length	4305.3
Contour Length	3944.6	Rubber Cutback #1**	203.2
Eccentricity	7.00	Rubber Cutback #2**	203.2
Major Diameter	105.46	Tube O.D.	171.5
Head Diameter	101.60	Tube I.D.	139.7
Weight (kg)	191	Weight (kg)	334
Material	17-4SS	Number of Stages	4.0
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	1.377 Nm/kPa	Max. Diff. Press. (kPa)	4137			
Flow Range	946 to 1893 Litre/min	Max. Torque (Nm)	5694			
RPG	0.100 rev/litre	Stall Diff. Press. (kPa)	6205			
Speed Range	95 to 189 RPM	Stall Torque (Nm)	8542			
Off Bottom Press.	676 kPa	Max. Recommended (kW)	89			
		kPa Per Stage	1034			
		kPa Per Cavity	221			
		Temperature Slope (mm/°C)	0.0190			



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