



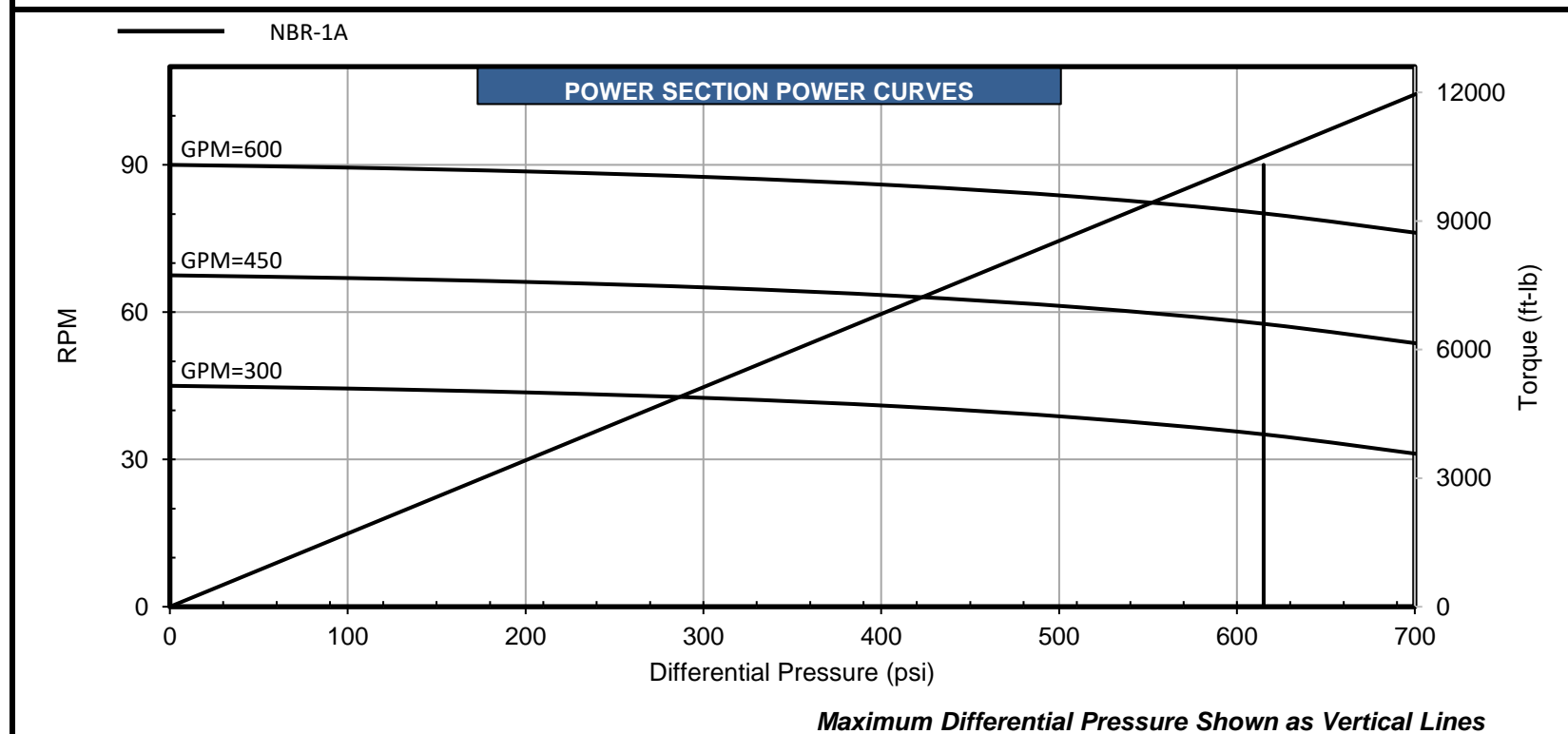
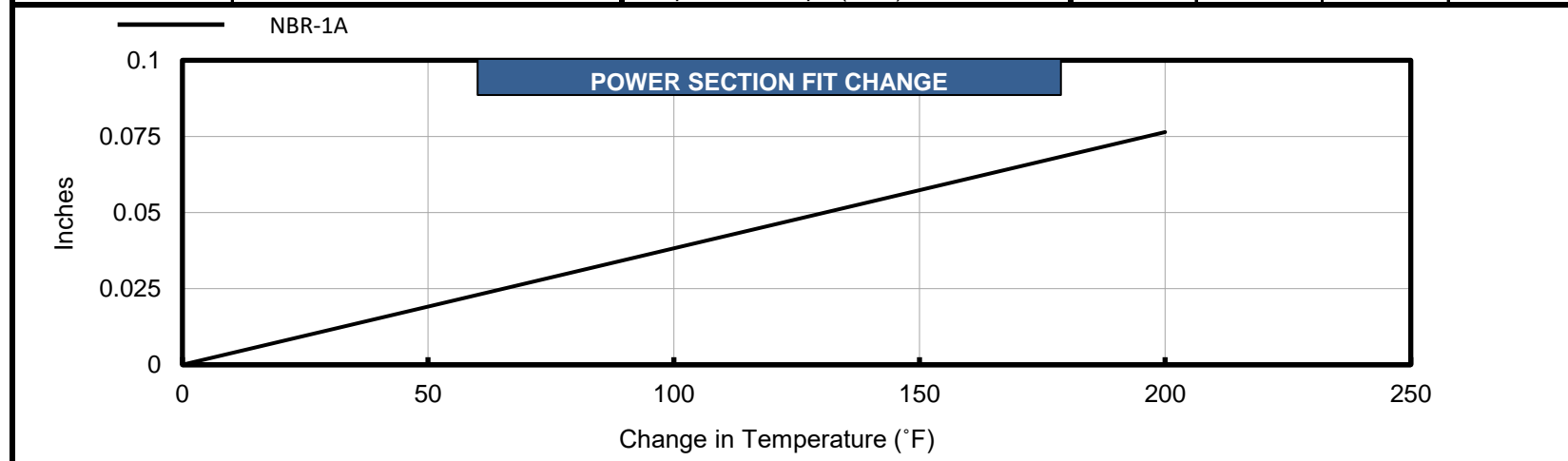
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	4.140			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.006			
1 Oversize				
2 Oversize				

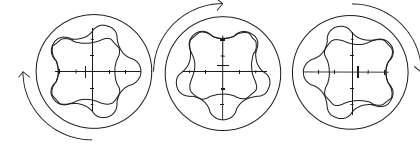
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	291.8	Overall Length	299.8
Contour Length	284.8	Rubber Cutback #1**	8.0
Eccentricity	0.247	Rubber Cutback #2**	8.0
Major Diameter	4.639	Tube O.D.	6.75
Head Diameter	4.500	Tube I.D.	5.50
Weight (lb)	1014	Weight (lb)	925
Material	17-4SS	Number of Stages	4.1
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	17.073 ft-lb/psi	Max. Diff. Press. (psi)	620			
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	10500			
RPG	0.150 rev/gal	Stall Diff. Press. (psi)	920			
Speed Range	45 to 90 RPM	Stall Torque (ft-lb)	15750			
Off Bottom Press.	125 psi	Max. Recommended (HP)	160			
		PSI Per Stage	150			
		PSI Per Cavity	24			
		Temperature Slope (in/°F)	0.000382			



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.



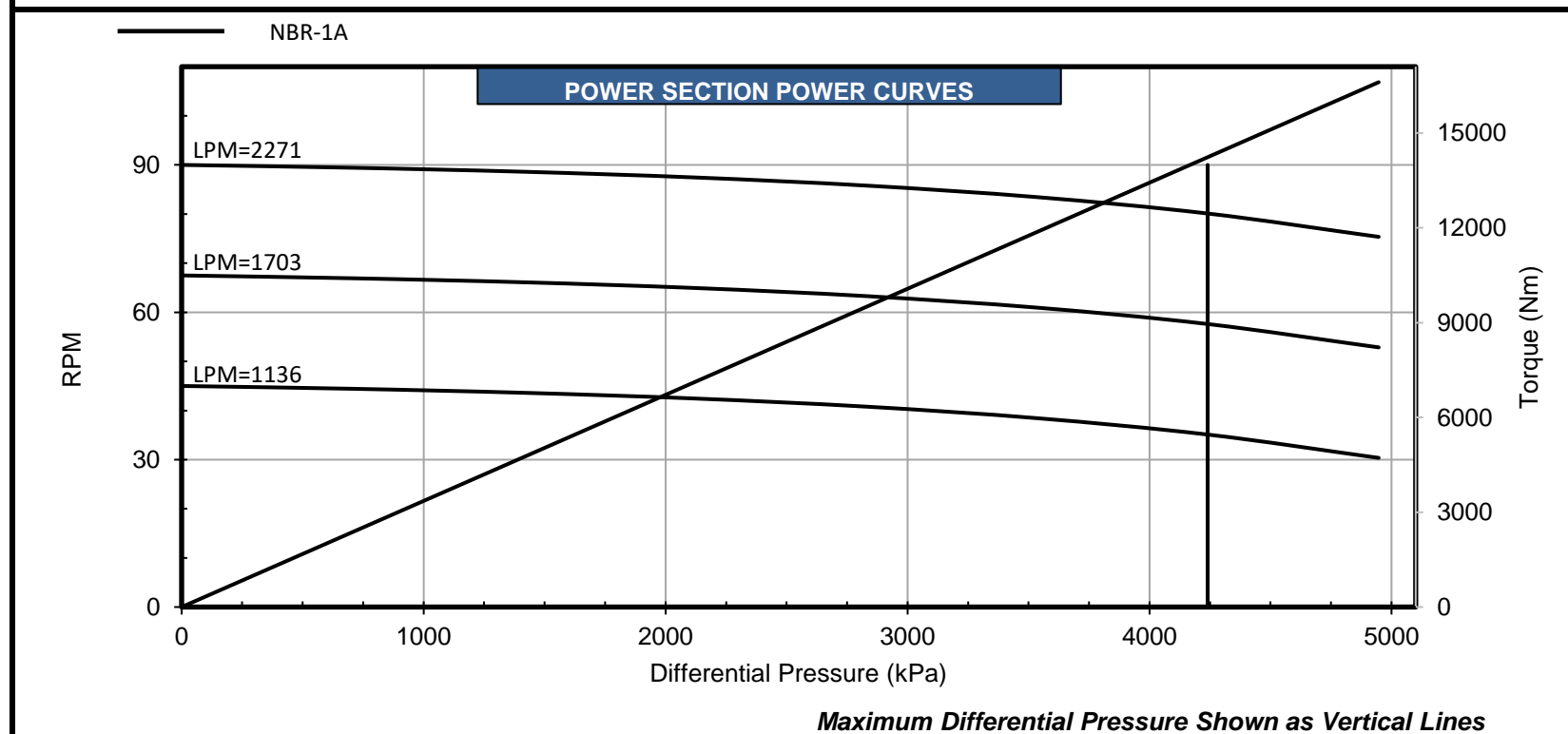
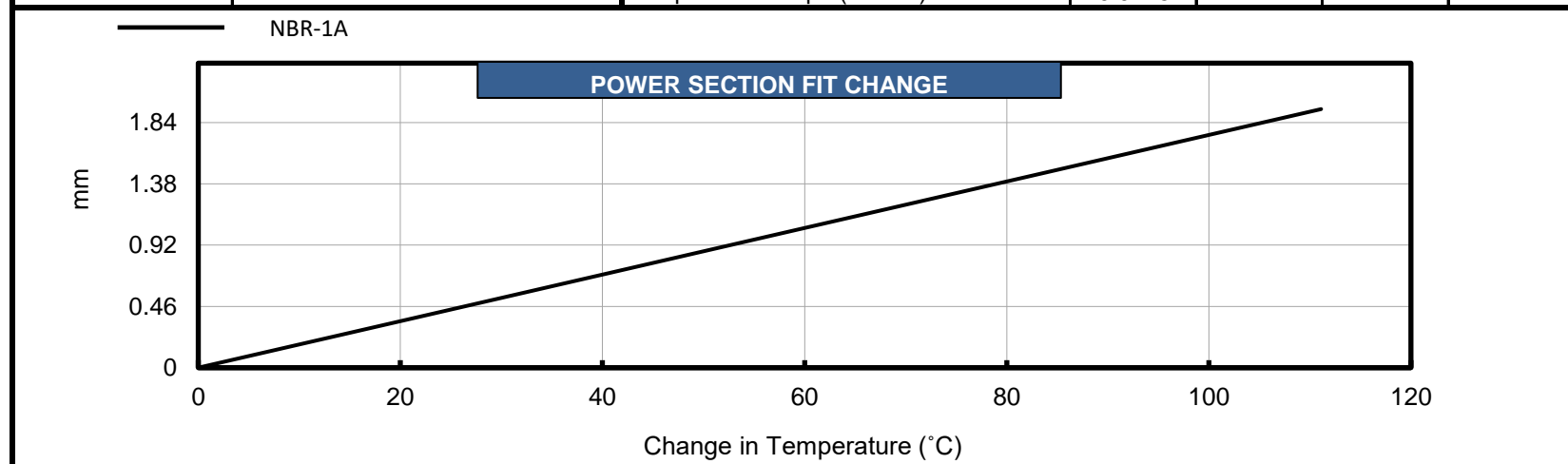
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	105.16			
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	7411.7	Overall Length	7614.9
Contour Length	7233.9	Rubber Cutback #1**	203.2
Eccentricity	6.26	Rubber Cutback #2**	203.2
Major Diameter	117.83	Tube O.D.	171.5
Head Diameter	114.30	Tube I.D.	139.7
Weight (kg)	460	Weight (kg)	420
Material	17-4SS	Number of Stages	4.1
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	3.357 Nm/kPa	Max. Diff. Press. (kPa)	4275			
Flow Range	1136 to 2271 Litre/min	Max. Torque (Nm)	14236			
RPG	0.040 rev/litre	Stall Diff. Press. (kPa)	6343			
Speed Range	45 to 90 RPM	Stall Torque (Nm)	21354			
Off Bottom Press.	862 kPa	Max. Recommended (kW)	119			
		kPa Per Stage	1034			
		kPa Per Cavity	165			
		Temperature Slope (mm/°C)	0.0175			



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