



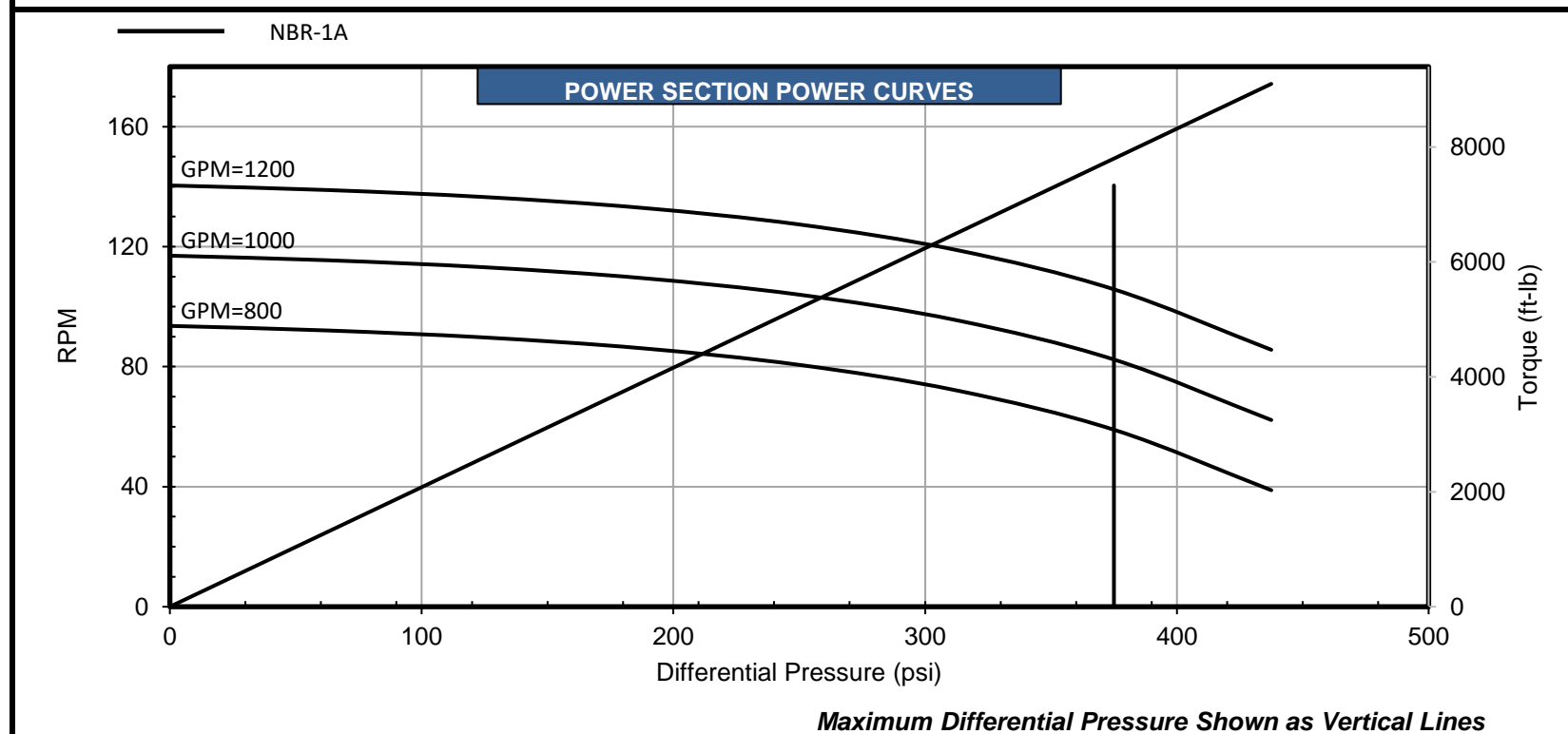
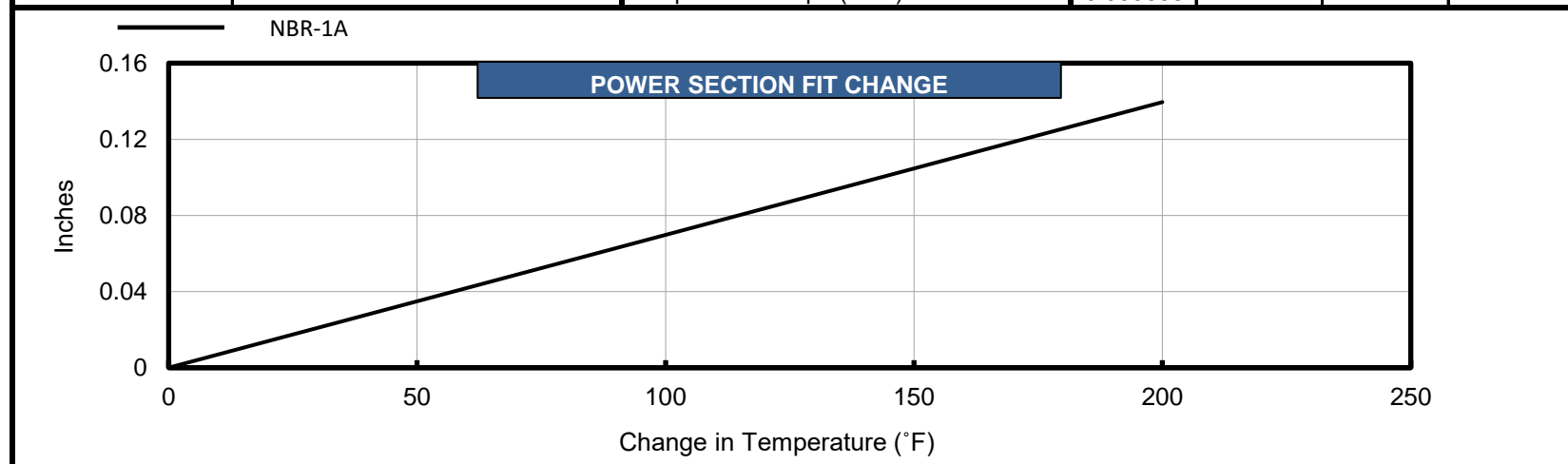
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	5.110			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.035			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	159.4	Overall Length	164.0
Contour Length	147.8	Rubber Cutback #1**	8.0
Eccentricity	0.425	Rubber Cutback #2**	8.0
Major Diameter	5.995	Tube O.D.	9.62
Head Diameter	6.250	Tube I.D.	7.87
Weight (lb)	875	Weight (lb)	1230
Material	17-4SS	Number of Stages	2.5
Thread Form**	API NC 44		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	20.800 ft-lb/psi	Max. Diff. Press. (psi)	380			
Flow Range	800 to 1200 GPM	Max. Torque (ft-lb)	7800			
RPG	0.117 rev/gal	Stall Diff. Press. (psi)	560			
Speed Range	94 to 140 RPM	Stall Torque (ft-lb)	11700			
Off Bottom Press.	181 psi	Max. Recommended (HP)	157			
		PSI Per Stage	150			
		PSI Per Cavity	38			
		Temperature Slope (in/°F)	0.000698			



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.



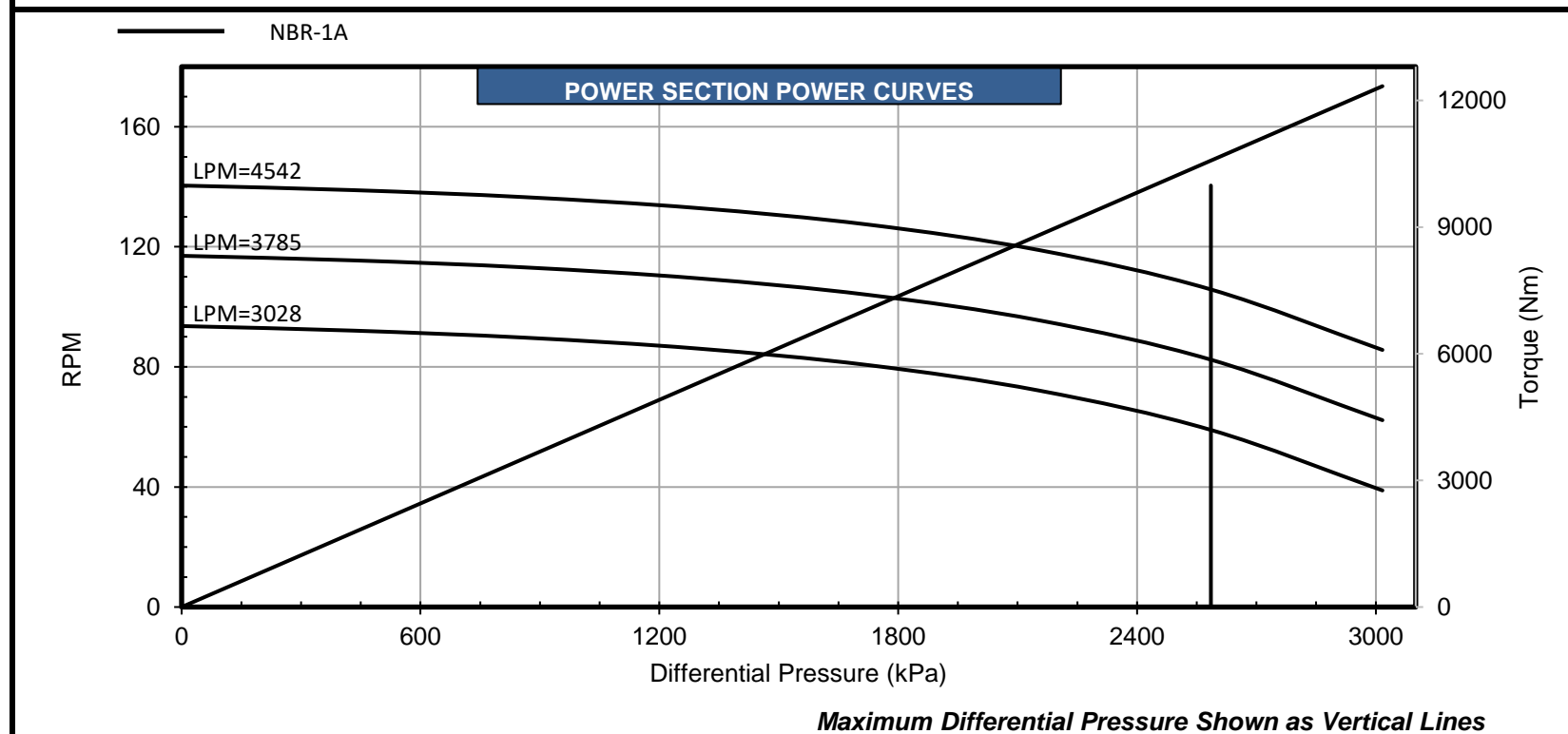
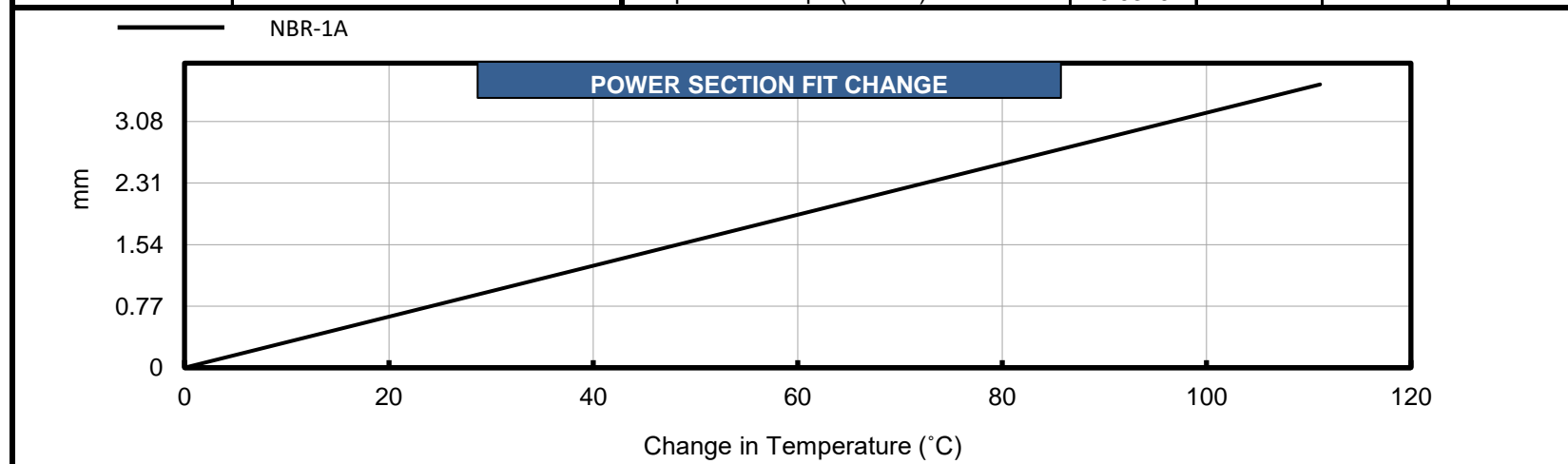
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	129.79			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.89			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	4048.8	Overall Length	4165.6
Contour Length	3754.1	Rubber Cutback #1**	203.2
Eccentricity	10.80	Rubber Cutback #2**	203.2
Major Diameter	152.27	Tube O.D.	244.3
Head Diameter	158.75	Tube I.D.	199.9
Weight (kg)	397	Weight (kg)	558
Material	17-4SS	Number of Stages	2.5
Thread Form**	API NC 44		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	4.090 Nm/kPa	Max. Diff. Press. (kPa)	2620			
Flow Range	3028 to 4542 Litre/min	Max. Torque (Nm)	10575			
RPG	0.031 rev/litre	Stall Diff. Press. (kPa)	3861			
Speed Range	94 to 140 RPM	Stall Torque (Nm)	15863			
Off Bottom Press.	1248 kPa	Max. Recommended (kW)	117			
		kPa Per Stage	1034			
		kPa Per Cavity	262			
		Temperature Slope (mm/°C)	0.0319			



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