



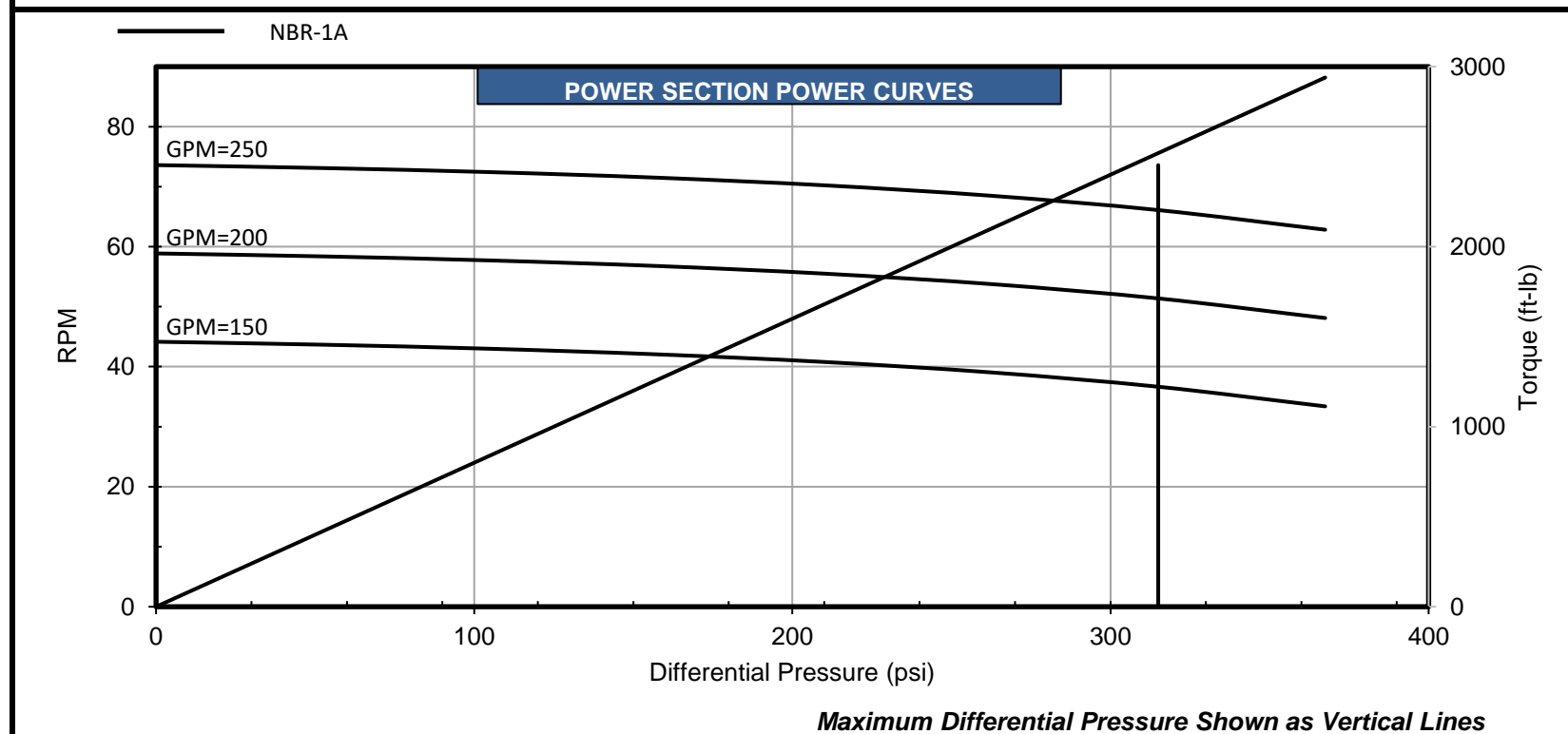
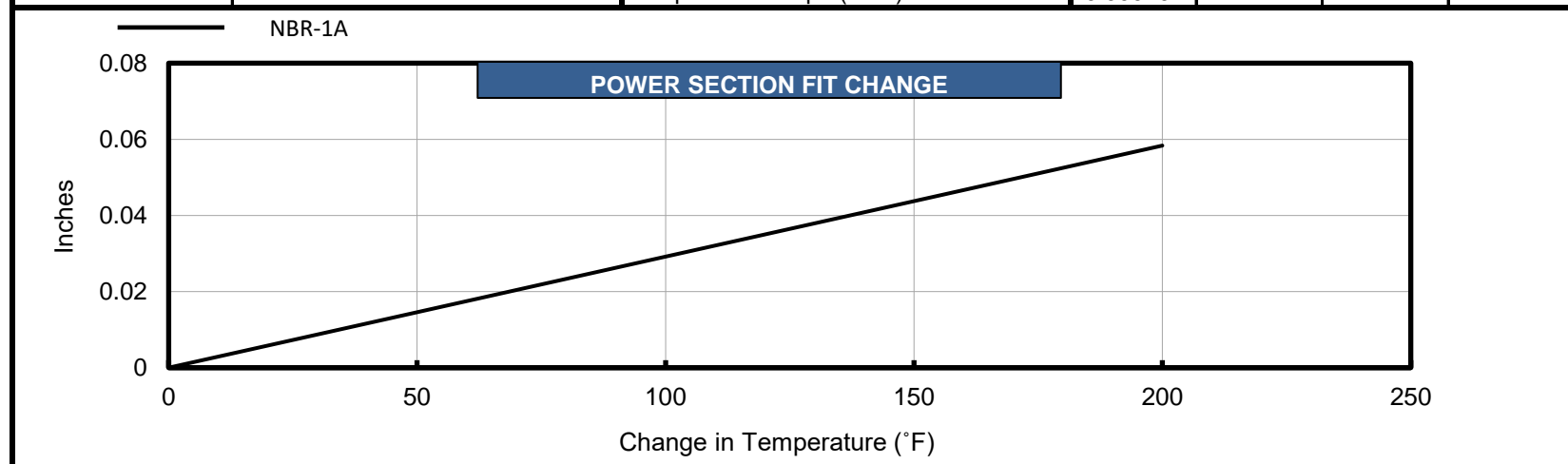
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	2.738			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.027			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	178.0	Overall Length	187.0
Contour Length	172.3	Rubber Cutback #1**	8.0
Eccentricity	0.175	Rubber Cutback #2**	8.0
Major Diameter	3.115	Tube O.D.	4.75
Head Diameter	2.750	Tube I.D.	3.75
Weight (lb)	296	Weight (lb)	377
Material	17-4SS	Number of Stages	2.1
Thread Form**	2 3/8 Hughes External Flush		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	7.999 ft-lb/psi	Max. Diff. Press. (psi)	320			
Flow Range	150 to 250 GPM	Max. Torque (ft-lb)	2520			
RPG	0.294 rev/gal	Stall Diff. Press. (psi)	470			
Speed Range	44 to 74 RPM	Stall Torque (ft-lb)	3780			
Off Bottom Press.	222 psi	Max. Recommended (HP)	32			
		PSI Per Stage	150			
		PSI Per Cavity	32			
		Temperature Slope (in/°F)	0.000292			



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.



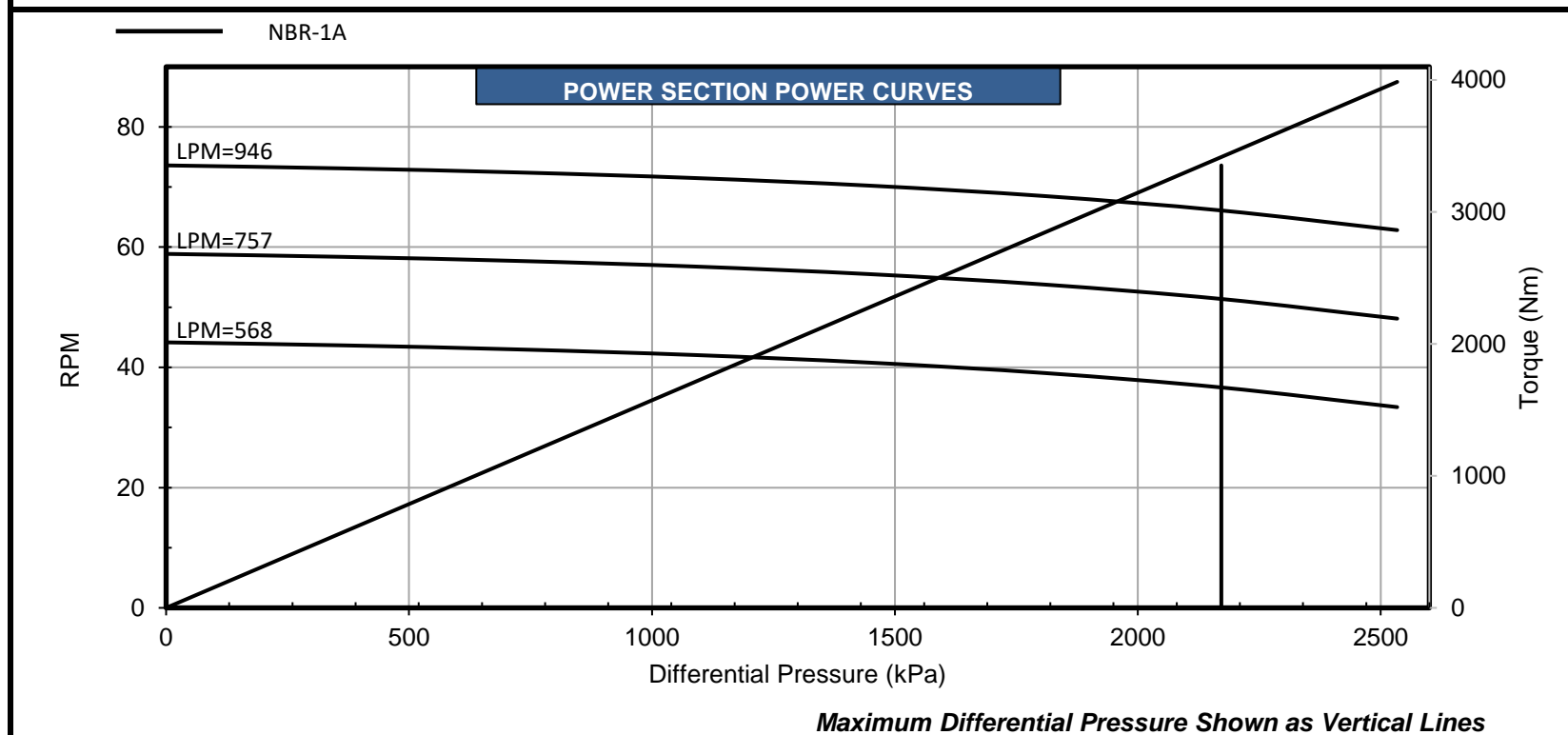
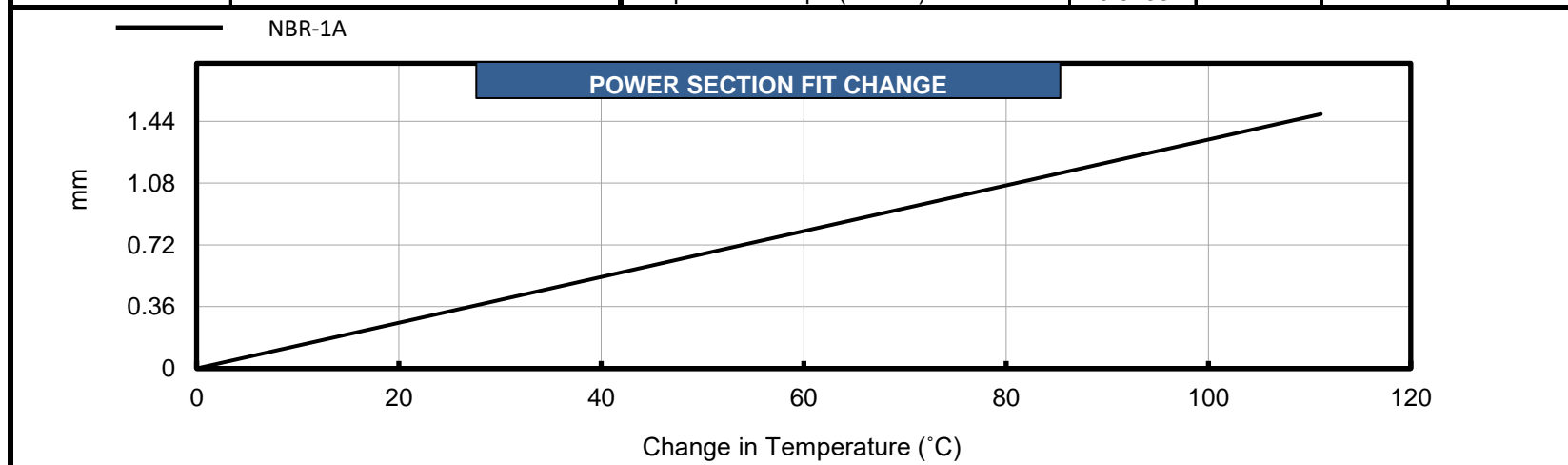
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	69.55			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.69			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	4521.2	Overall Length	4749.8
Contour Length	4376.4	Rubber Cutback #1**	203.2
Eccentricity	4.45	Rubber Cutback #2**	203.2
Major Diameter	79.12	Tube O.D.	120.7
Head Diameter	69.85	Tube I.D.	95.3
Weight (kg)	134	Weight (kg)	171
Material	17-4SS	Number of Stages	2.1
Thread Form**	2 3/8 Hughes External Flush		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	1.573 Nm/kPa	Max. Diff. Press. (kPa)	2206			
Flow Range	568 to 946 Litre/min	Max. Torque (Nm)	3417			
RPG	0.078 rev/litre	Stall Diff. Press. (kPa)	3241			
Speed Range	44 to 74 RPM	Stall Torque (Nm)	5125			
Off Bottom Press.	1531 kPa	Max. Recommended (kW)	24			
		kPa Per Stage	1034			
		kPa Per Cavity	221			
		Temperature Slope (mm/°C)	0.0133			



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