

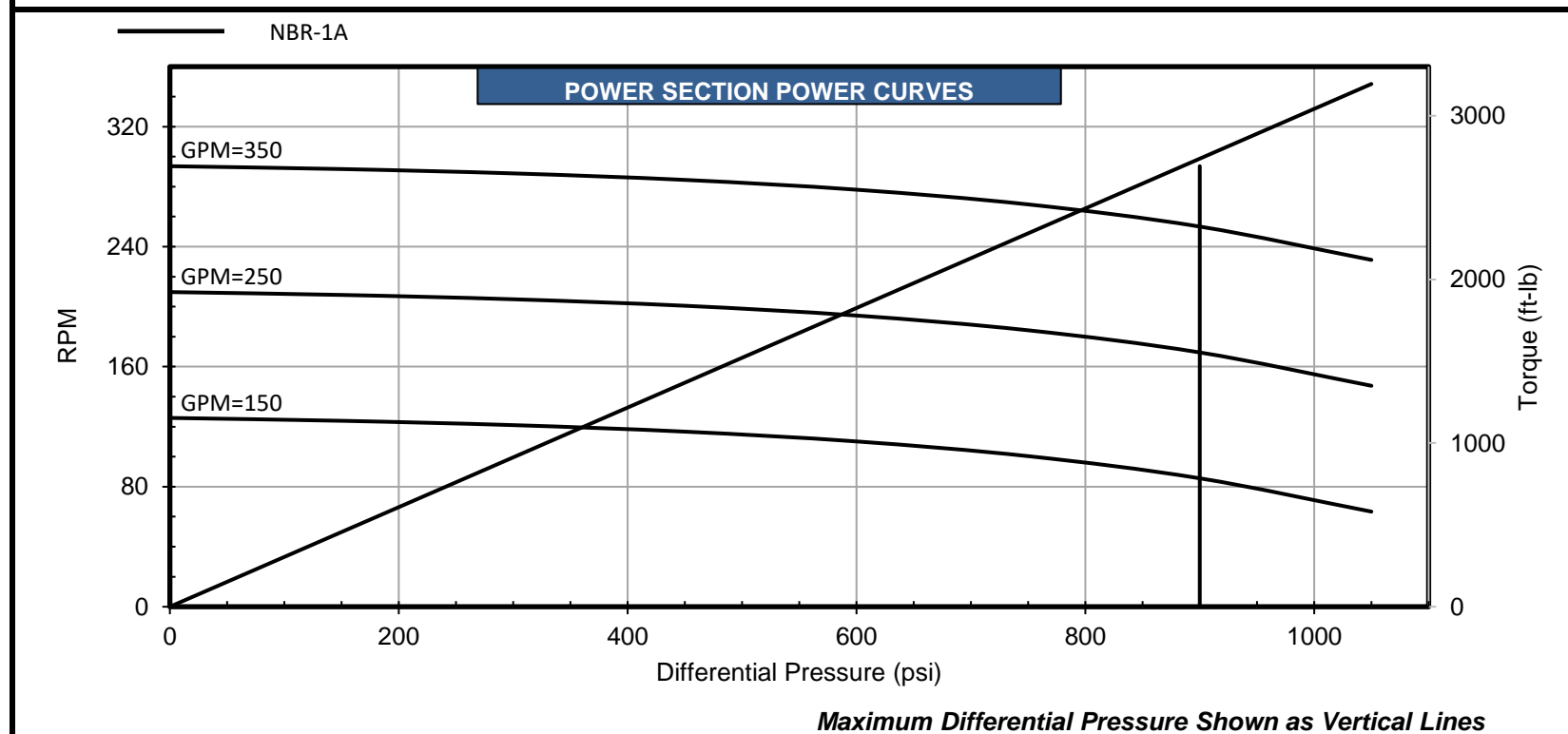
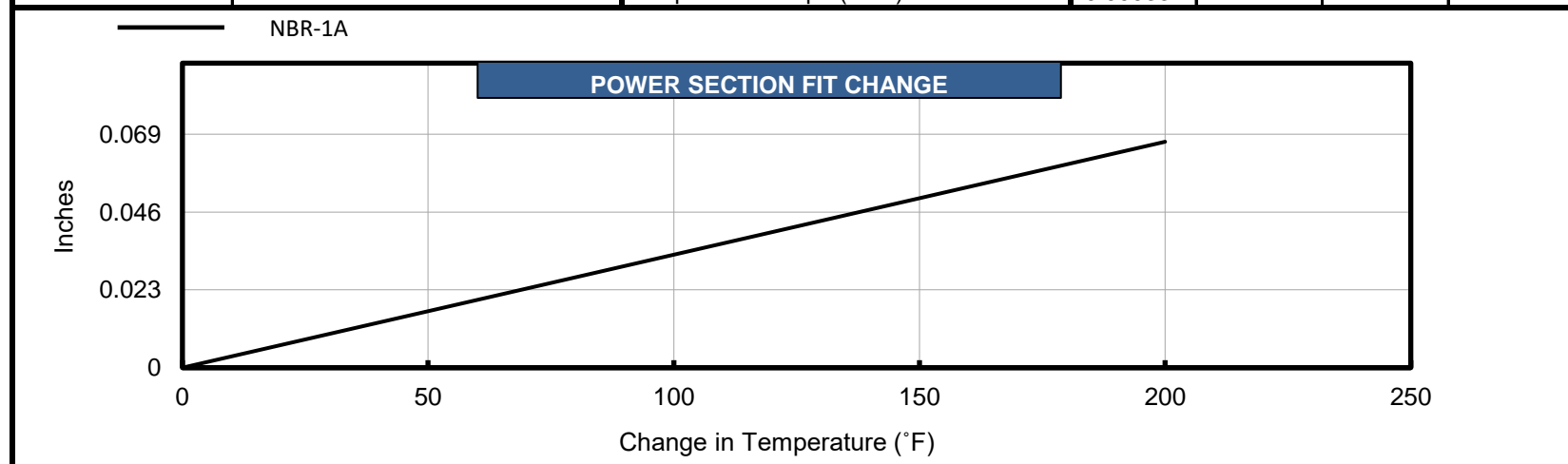
## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	2.530			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.002			
1 Oversize				
2 Oversize				

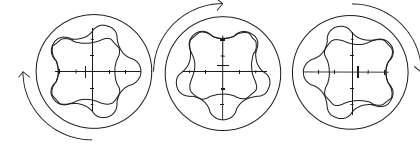
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	178.0	Overall Length	198.0
Contour Length	172.3	Rubber Cutback #1**	8.0
Eccentricity	0.211	Rubber Cutback #2**	8.0
Major Diameter	2.954	Tube O.D.	4.75
Head Diameter	2.750	Tube I.D.	3.88
Weight (lb)	219	Weight (lb)	371
Material	17-4SS	Number of Stages	6.0
Thread Form**	2 3/8 Hughes External Flush Mod Flat		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	3.042 ft-lb/psi	Max. Diff. Press. (psi)	900			
Flow Range	150 to 350 GPM	Max. Torque (ft-lb)	2740			
RPG	0.839 rev/gal	Stall Diff. Press. (psi)	1350			
Speed Range	126 to 294 RPM	Stall Torque (ft-lb)	4110			
Off Bottom Press.	110 psi	Max. Recommended (HP)	132			
		PSI Per Stage	150			
		PSI Per Cavity	29			
		Temperature Slope (in/°F)	0.000334			



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.



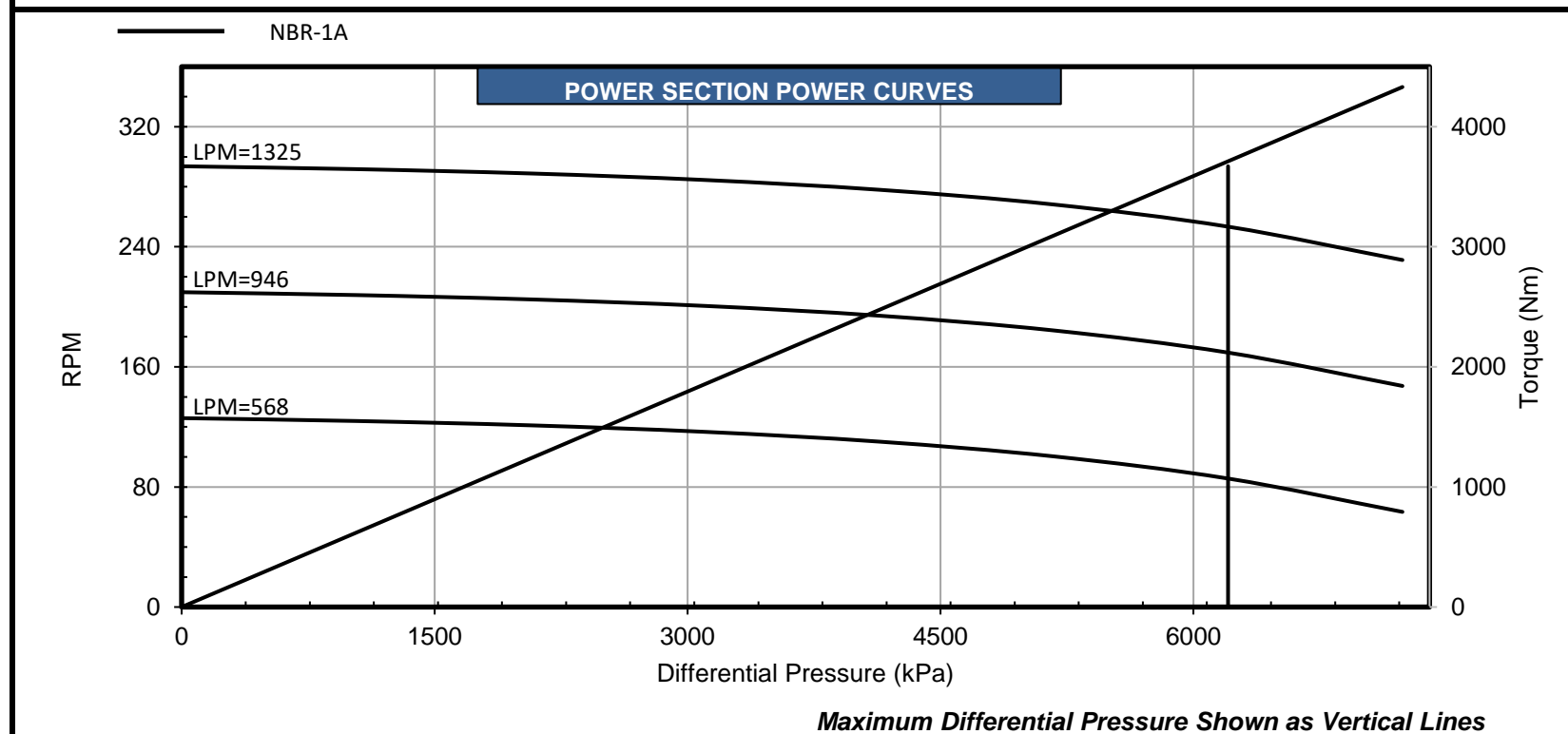
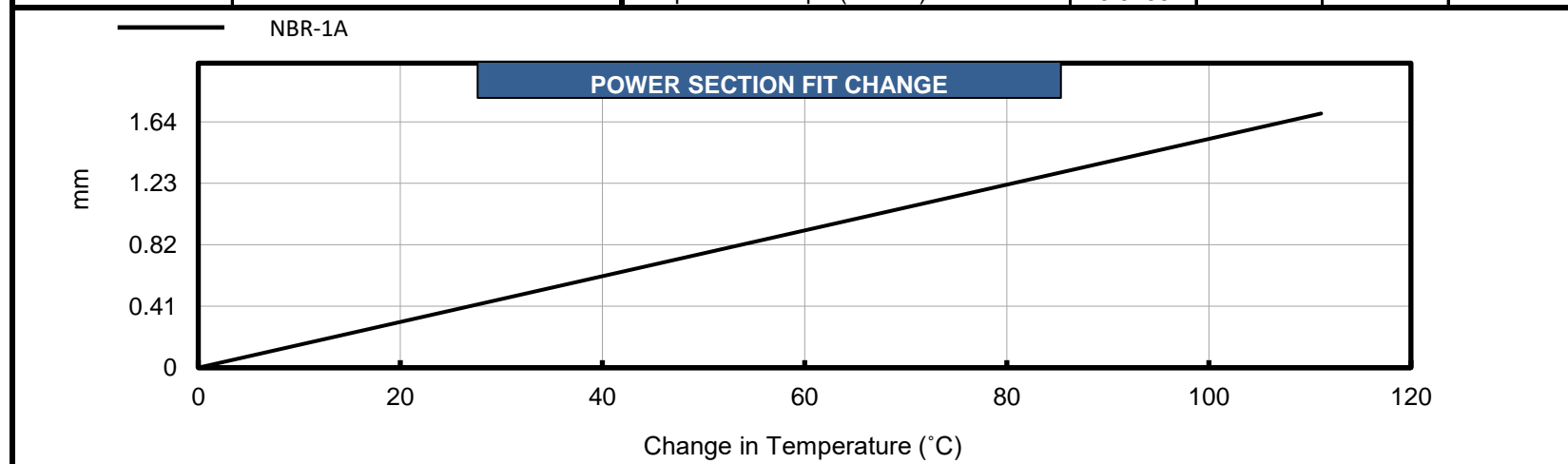
## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	64.26			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.05			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	4521.2	Overall Length	5029.2
Contour Length	4376.4	Rubber Cutback #1**	203.2
Eccentricity	5.36	Rubber Cutback #2**	203.2
Major Diameter	75.03	Tube O.D.	120.7
Head Diameter	69.85	Tube I.D.	98.6
Weight (kg)	99	Weight (kg)	168
Material	17-4SS	Number of Stages	6.0
Thread Form**	2 3/8 Hughes External Flush Mod Flat		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	0.598 Nm/kPa	Max. Diff. Press. (kPa)	6205			
Flow Range	568 to 1325 Litre/min	Max. Torque (Nm)	3715			
RPG	0.222 rev/litre	Stall Diff. Press. (kPa)	9308			
Speed Range	126 to 294 RPM	Stall Torque (Nm)	5572			
Off Bottom Press.	758 kPa	Max. Recommended (kW)	99			
		kPa Per Stage	1034			
		kPa Per Cavity	200			
		Temperature Slope (mm/°C)	0.0153			



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