



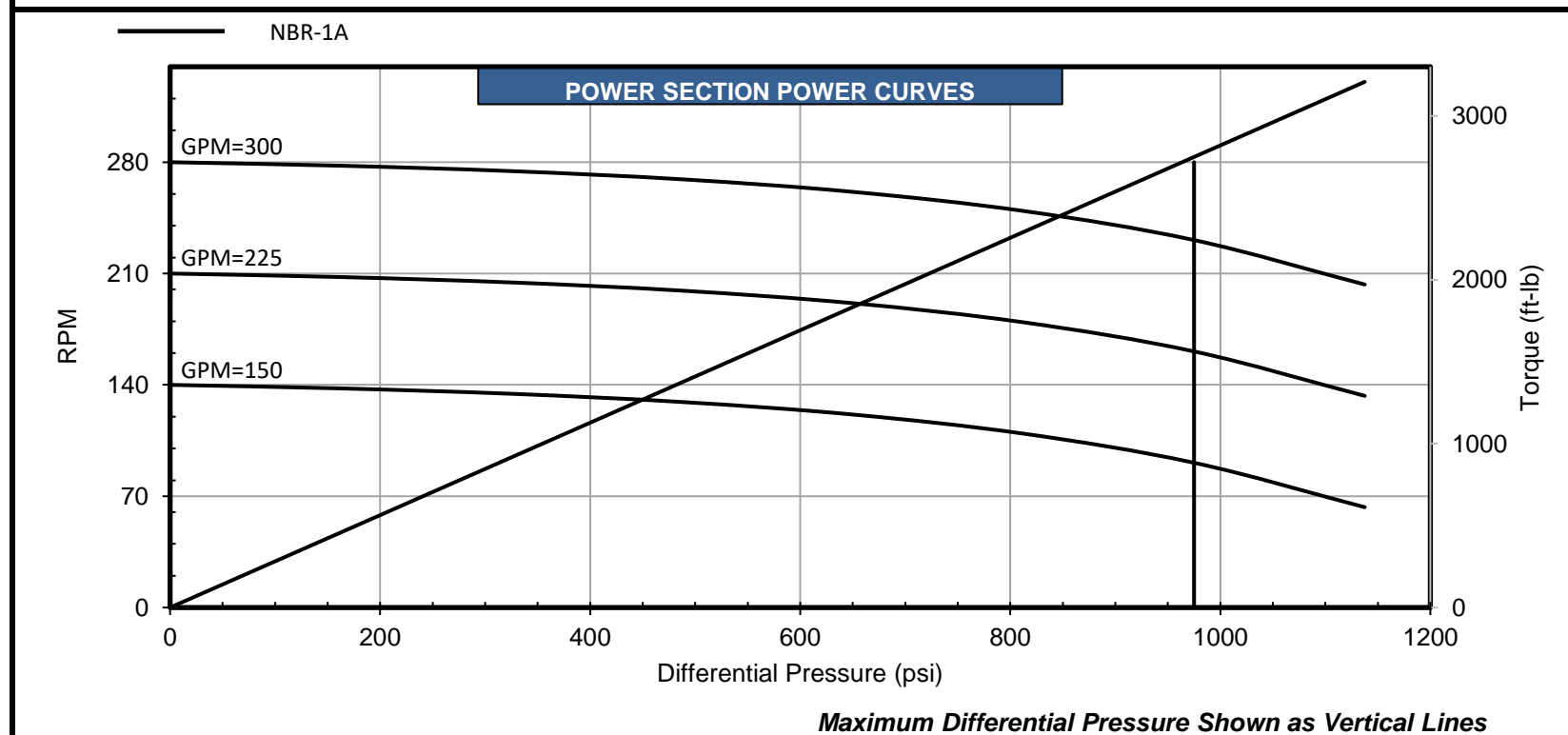
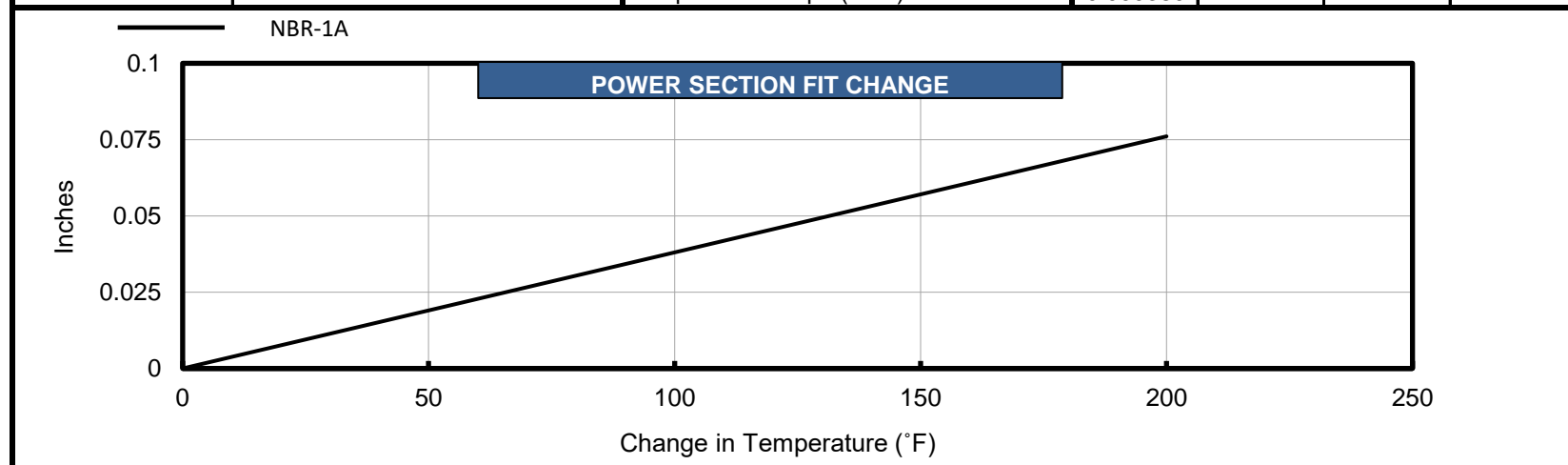
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	2.479			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.012			
1 Oversize				
2 Oversize				

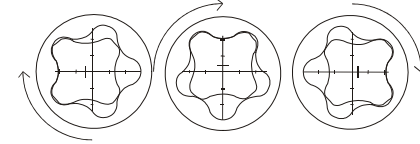
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	220.0	Overall Length	229.3
Contour Length	214.3	Rubber Cutback #1**	8.0
Eccentricity	0.219	Rubber Cutback #2**	8.0
Major Diameter	2.928	Tube O.D.	4.75
Head Diameter	2.750	Tube I.D.	3.75
Weight (lb)	257	Weight (lb)	403
Material	17-4SS	Number of Stages	6.5
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	2.820 ft-lb/psi	Max. Diff. Press. (psi)	980			
Flow Range	150 to 300 GPM	Max. Torque (ft-lb)	2750			
RPG	0.933 rev/gal	Stall Diff. Press. (psi)	1460			
Speed Range	140 to 280 RPM	Stall Torque (ft-lb)	4120			
Off Bottom Press.	112 psi	Max. Recommended (HP)	121			
		PSI Per Stage	150			
		PSI Per Cavity	34			
		Temperature Slope (in/°F)	0.000380			



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.



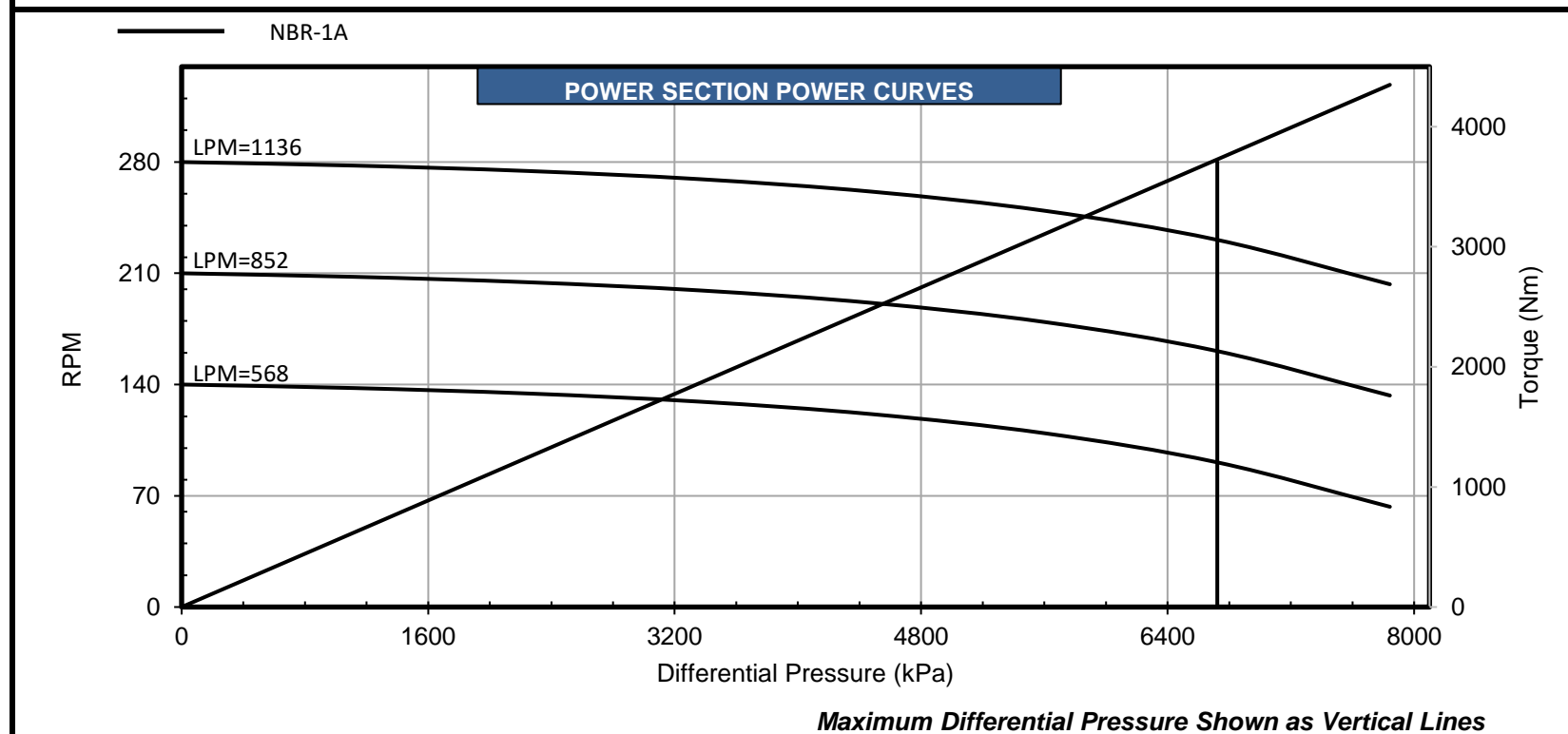
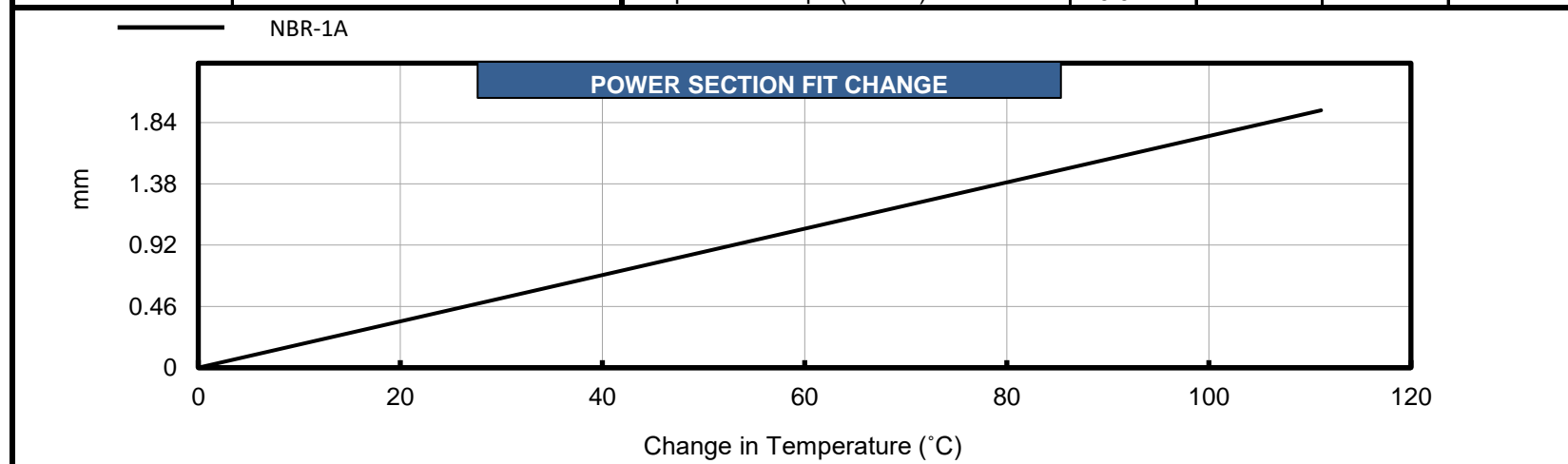
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	62.97			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.30			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	5588.0	Overall Length	5824.2
Contour Length	5443.2	Rubber Cutback #1**	203.2
Eccentricity	5.55	Rubber Cutback #2**	203.2
Major Diameter	74.37	Tube O.D.	120.7
Head Diameter	69.85	Tube I.D.	95.3
Weight (kg)	117	Weight (kg)	183
Material	17-4SS	Number of Stages	6.5
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	0.555 Nm/kPa	Max. Diff. Press. (kPa)	6757			
Flow Range	568 to 1136 Litre/min	Max. Torque (Nm)	3728			
RPG	0.247 rev/litre	Stall Diff. Press. (kPa)	10066			
Speed Range	140 to 280 RPM	Stall Torque (Nm)	5586			
Off Bottom Press.	772 kPa	Max. Recommended (kW)	90			
		kPa Per Stage	1034			
		kPa Per Cavity	234			
		Temperature Slope (mm/°C)	0.0174			



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