



POWER SECTION

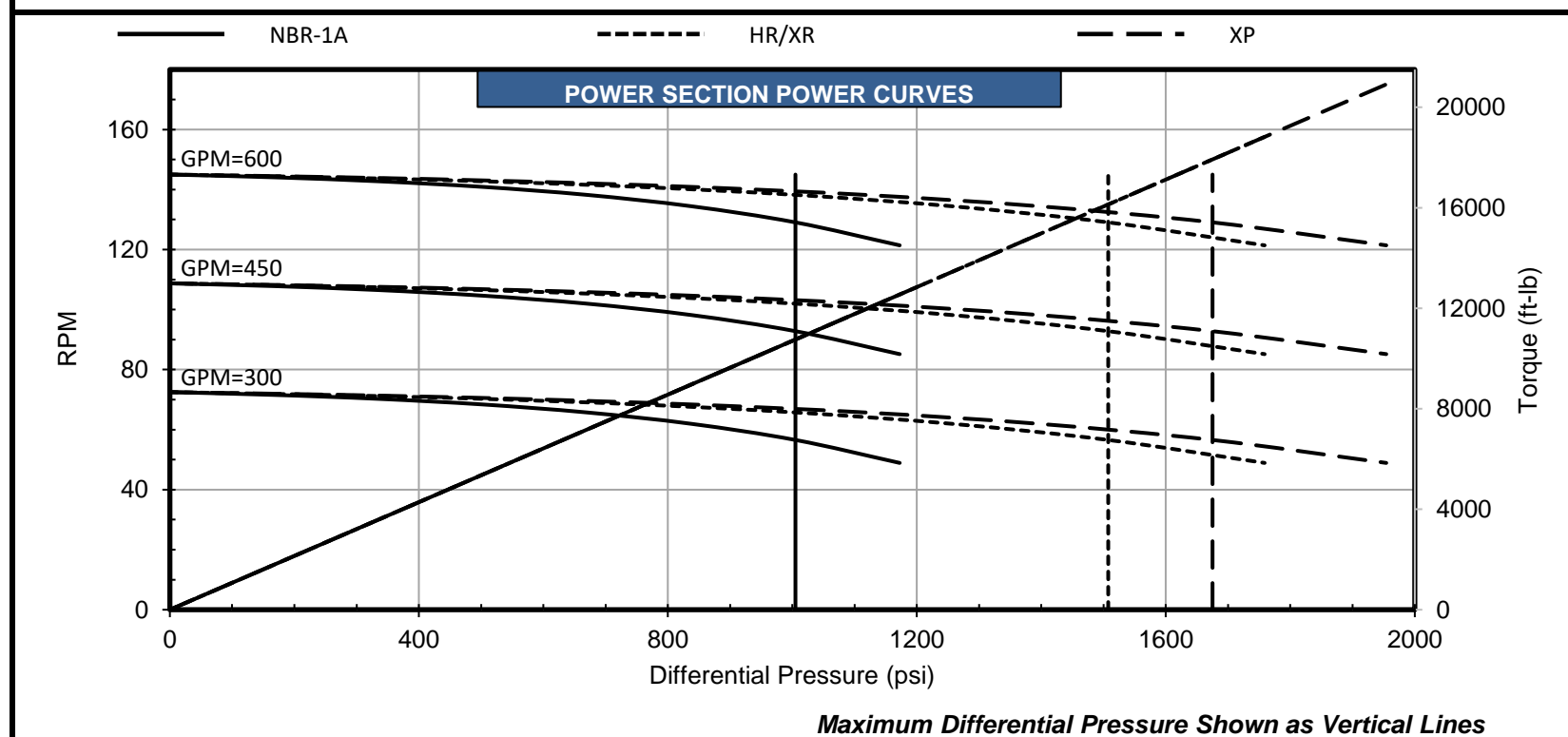
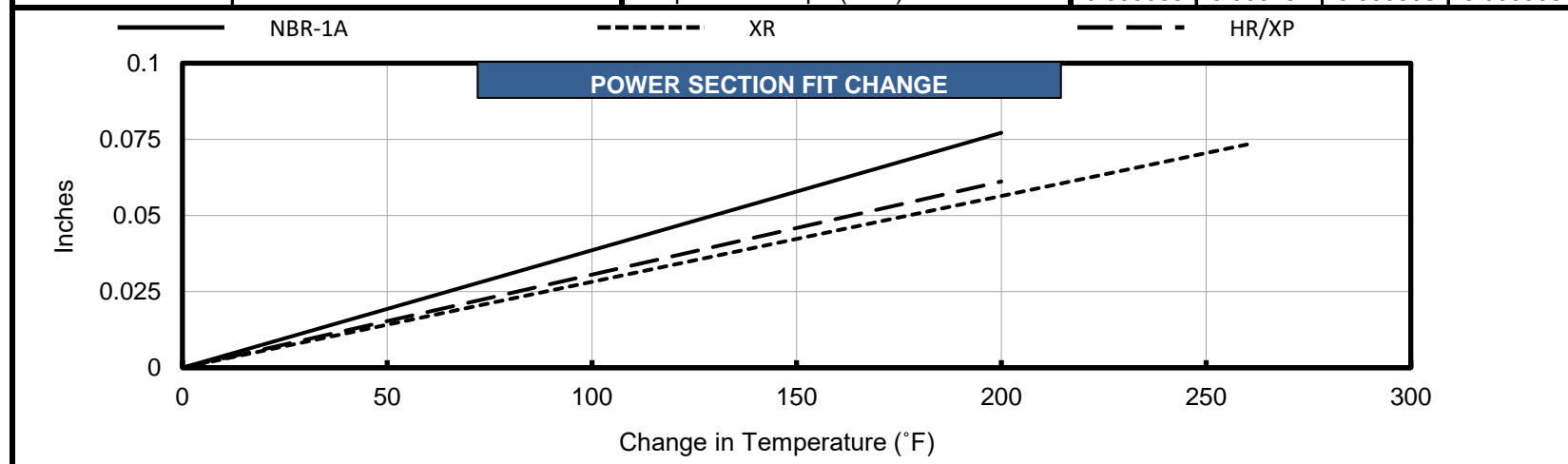
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize		4.130*	4.124*	4.124*
Standard	4.140			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize		0.016*	0.022*	0.022*
Standard	0.006			
1 Oversize				
2 Oversize				

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	6.7
Thread Form**	2 7/8 API REG		

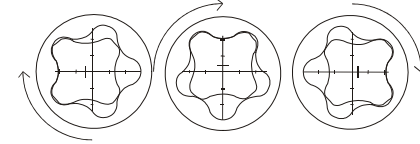
*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	10.700 ft-lb/psi	Max. Diff. Press. (psi)	1010	1510	1510	1680
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	10750	16130	16130	17920
RPG	0.242 rev/gal	Stall Diff. Press. (psi)	1510	2260	2260	2510
Speed Range	73 to 145 RPM	Stall Torque (ft-lb)	16130	24200	24200	26880
Off Bottom Press.	130 psi	Max. Recommended (HP)	264	396	396	440
		PSI Per Stage	150	225	225	250
		PSI Per Cavity	22	32	32	36
		Temperature Slope (in/°F)	0.000385	0.000282	0.000306	0.000306



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.



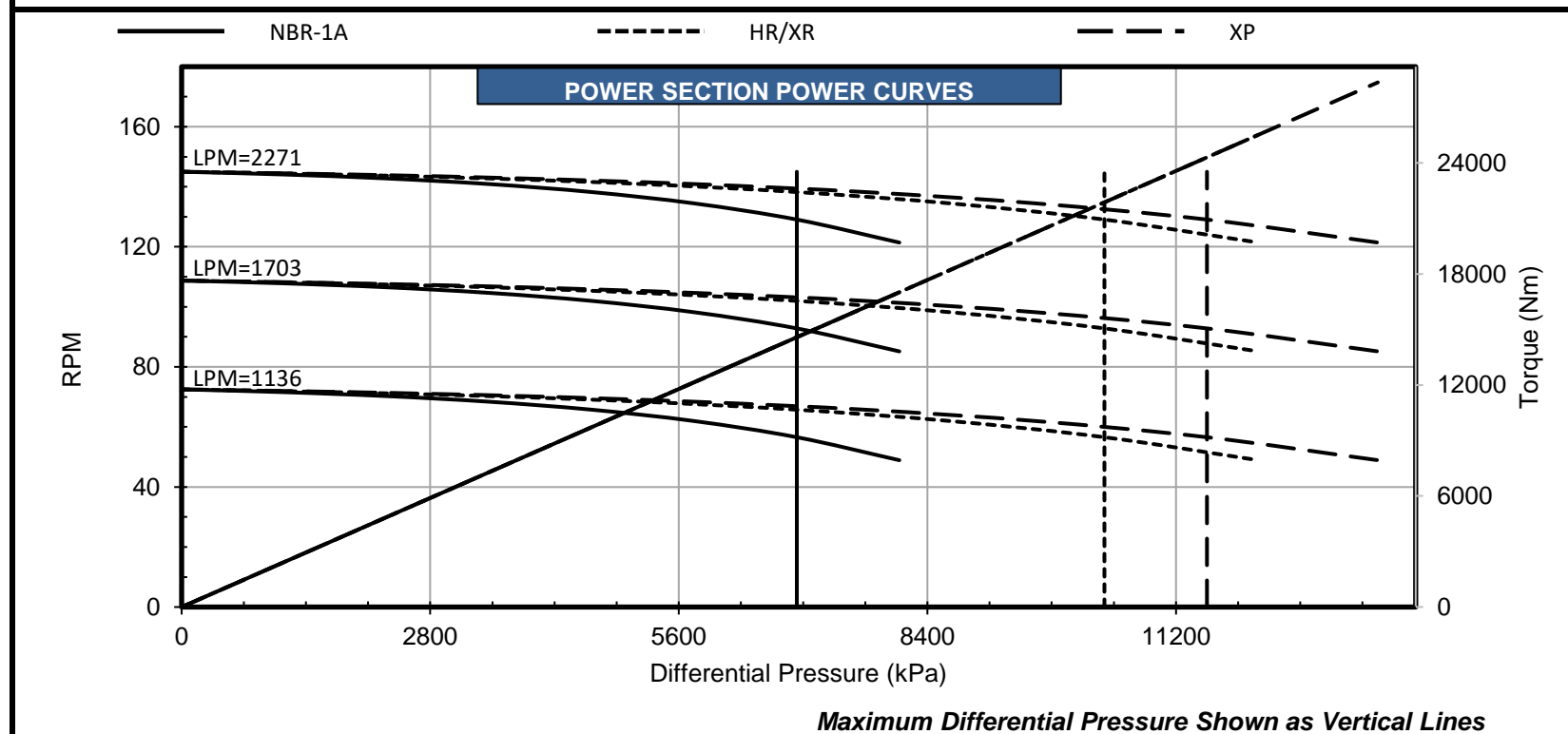
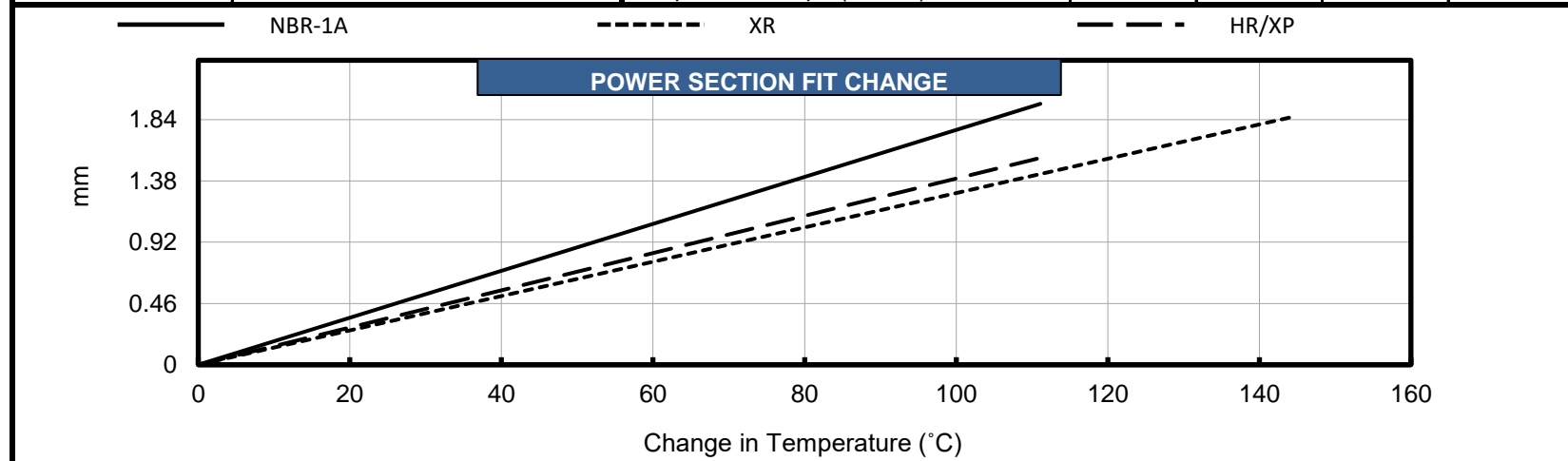
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)					ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Stator Size	NBR-1A	DynaPower			(mm)	(mm)	(mm)	(mm)
		XR	HR	XP				
1 Undersize		104.90*	104.75*	104.75*	Overall Length	7411.7	Overall Length	7614.9
Standard	105.16				Contour Length	7233.9	Rubber Cutback #1**	203.2
1 Oversize					Eccentricity	6.26	Rubber Cutback #2**	203.2
2 Oversize					Major Diameter	117.83	Tube O.D.	171.5
Nominal Fit at 75°F					Head Diameter	114.30	Tube I.D.	139.7
1 Undersize		0.41*	0.56*	0.56*	Weight (kg)	460	Weight (kg)	420
Standard	0.15				Material	17-4SS	Number of Stages	6.7
1 Oversize					Thread Form**	2 7/8 API REG		
2 Oversize								

*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	2.104 Nm/kPa	Max. Diff. Press. (kPa)	6964	10411	10411	11583
Flow Range	1136 to 2271 Litre/min	Max. Torque (Nm)	14575	21869	21869	24296
RPG	0.064 rev/litre	Stall Diff. Press. (kPa)	10411	15582	15582	17306
Speed Range	73 to 145 RPM	Stall Torque (Nm)	21869	32811	32811	36444
Off Bottom Press.	896 kPa	Max. Recommended (kW)	197	296	296	329
		kPa Per Stage	1034	1551	1551	1724
		kPa Per Cavity	152	221	221	248
		Temperature Slope (mm/°C)	0.0176	0.0129	0.0140	0.0140



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