

POWER SECTION

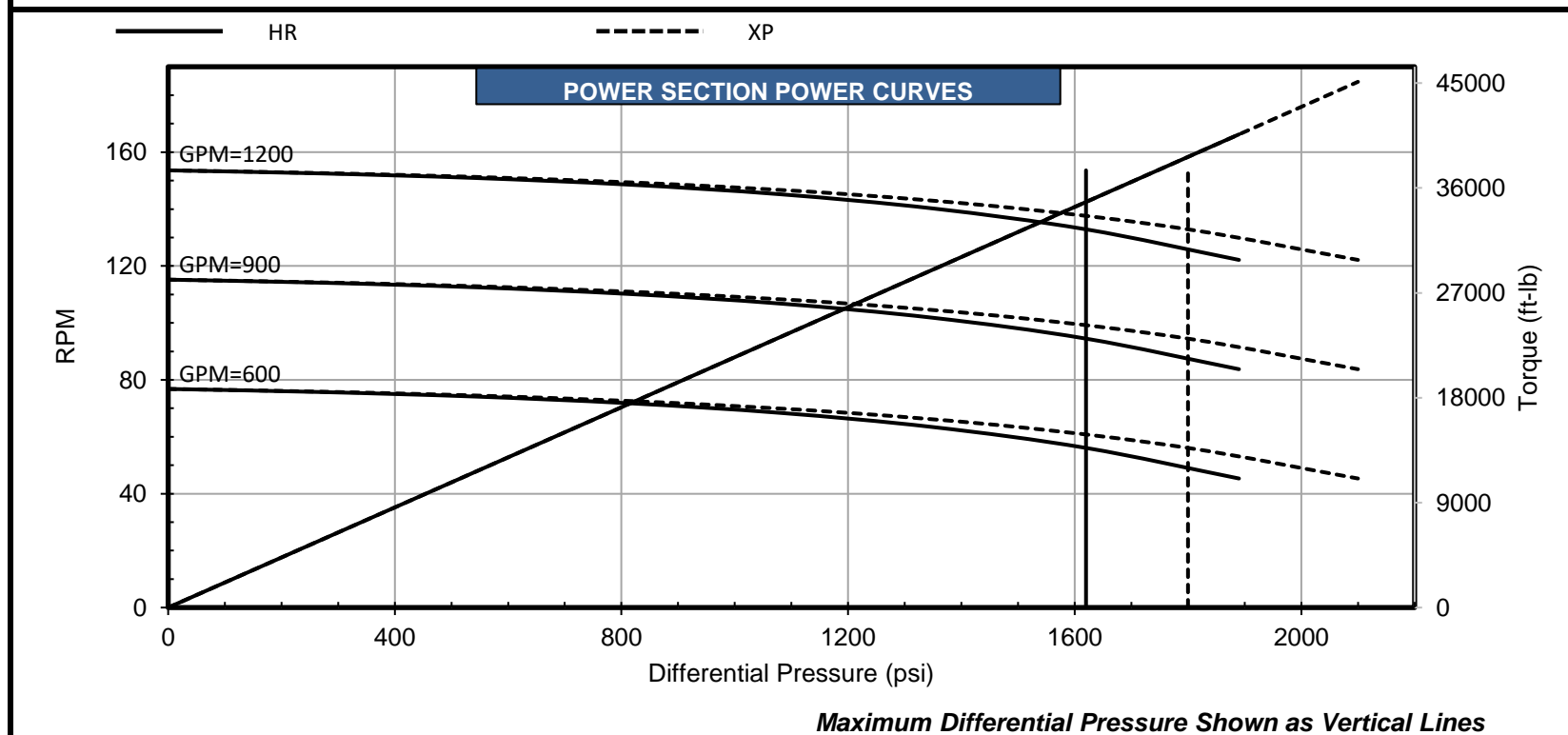
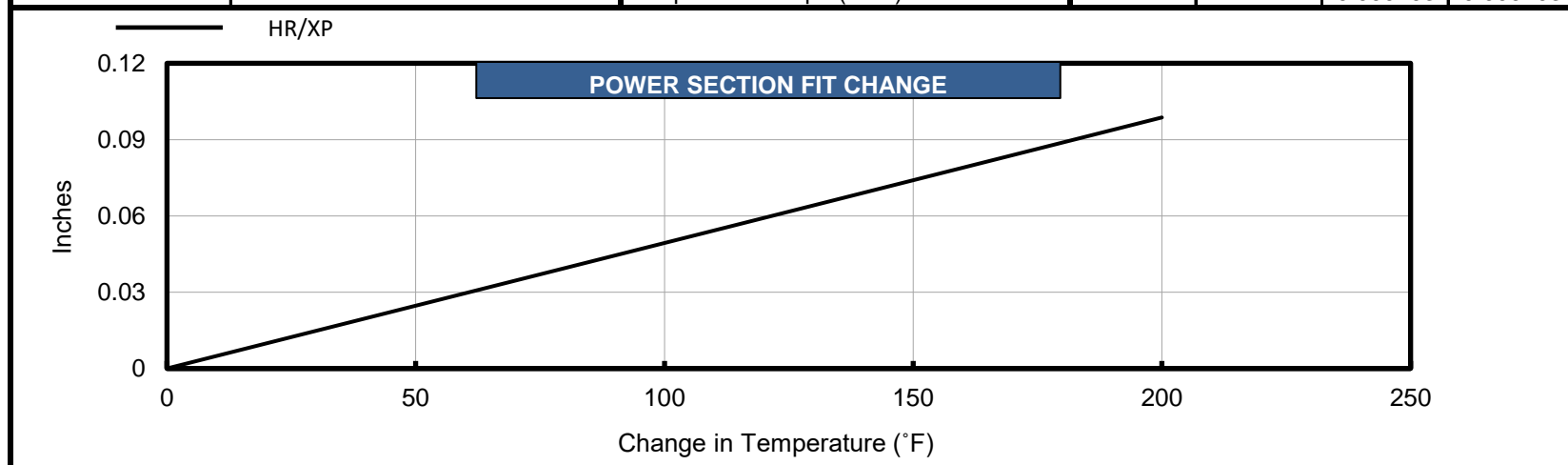
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			6.512	6.512*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.016	0.016*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	242.0	Overall Length	250.0
Contour Length	235.0	Rubber Cutback #1**	8.0
Eccentricity	0.504	Rubber Cutback #2**	8.0
Major Diameter	7.535	Tube O.D.	11.75
Head Diameter	6.500	Tube I.D.	9.25
Weight (lb)	2078	Weight (lb)	3150
Material	17-4SS	Number of Stages	7.2
Thread Form**	BLANK		

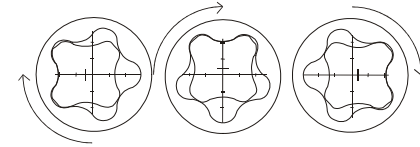
*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	21.480 ft-lb/psi	Max. Diff. Press. (psi)			1620	1800
Flow Range	600 to 1200 GPM	Max. Torque (ft-lb)			34800	38660
RPG	0.128 rev/gal	Stall Diff. Press. (psi)			2430	2700
Speed Range	77 to 154 RPM	Stall Torque (ft-lb)			52200	58000
Off Bottom Press.	181 psi	Max. Recommended (HP)			880	978
		PSI Per Stage			225	250
		PSI Per Cavity			42	47
		Temperature Slope (in/°F)			0.000493	0.000493



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.



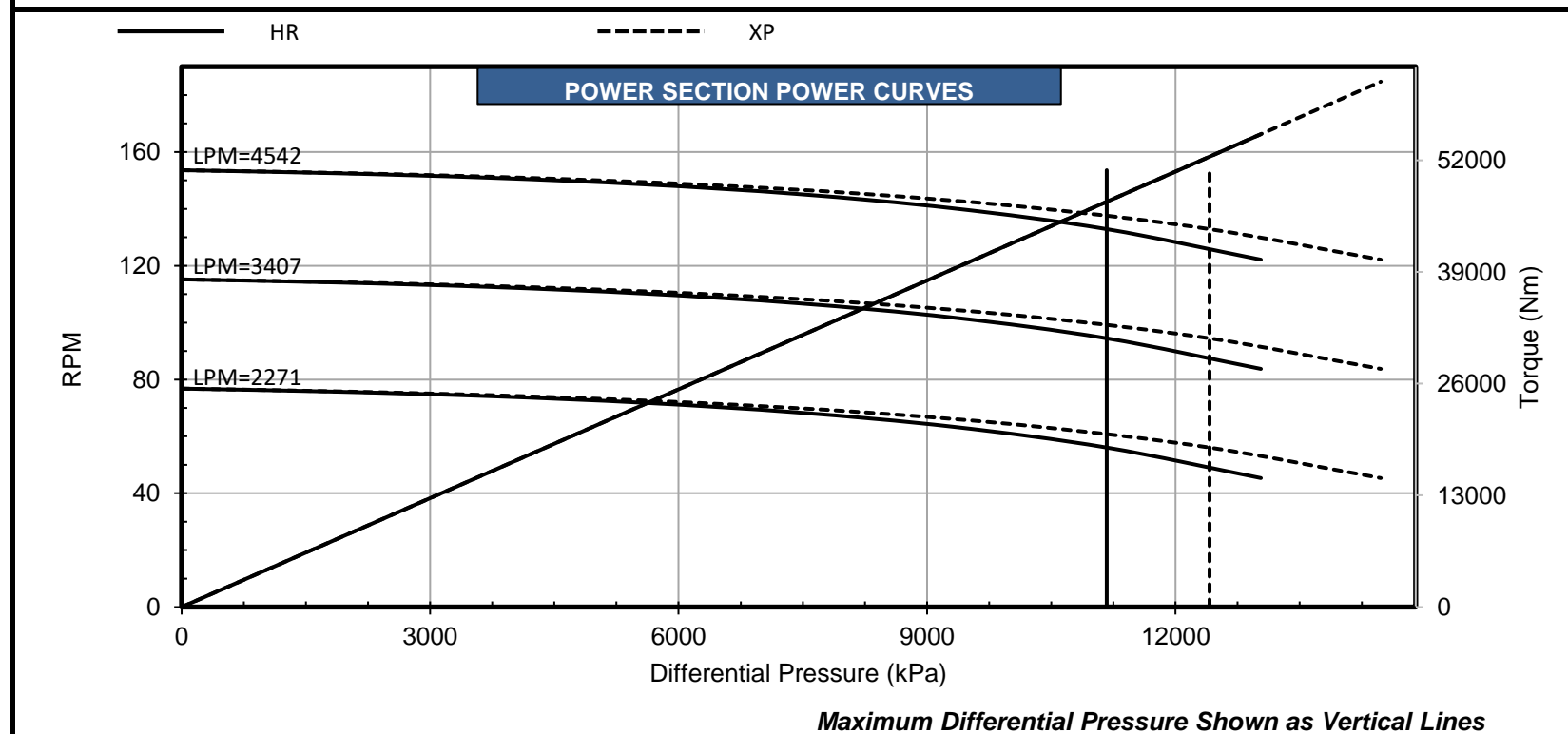
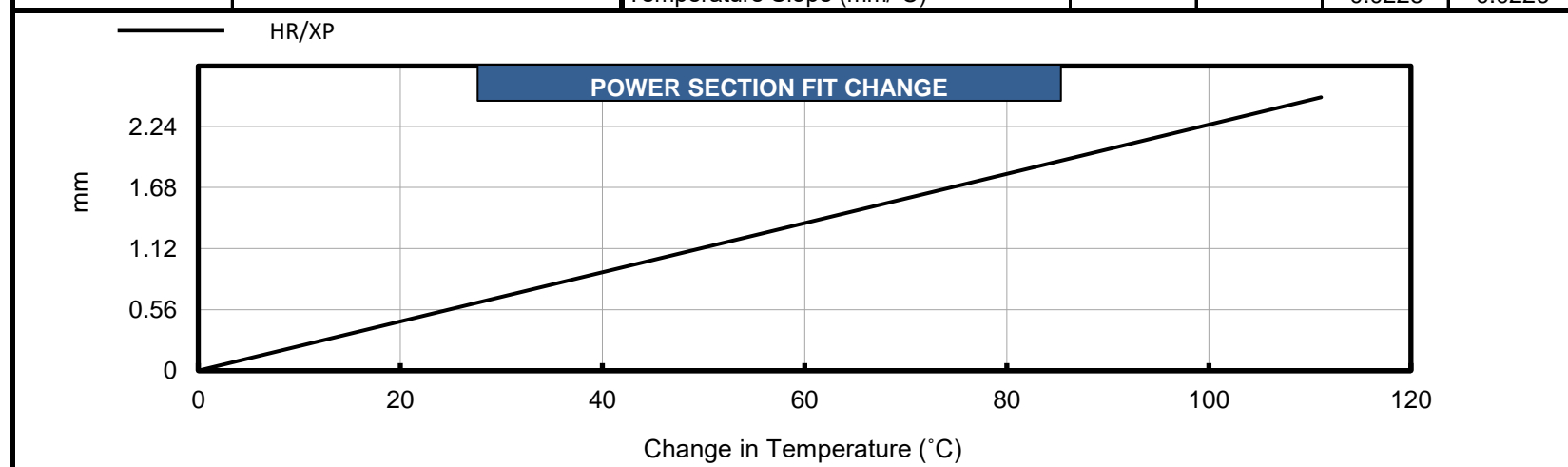
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FIT INFORMATION - MINOR DIAMETER (mm)					ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Stator Size	NBR-1A	DynaPower			(mm)	(mm)	(mm)	(mm)
		XR	HR	XP				
1 Undersize					Overall Length	6146.8	Overall Length	6350.0
Standard			165.40	165.40*	Contour Length	5969.0	Rubber Cutback #1**	203.2
1 Oversize					Eccentricity	12.79	Rubber Cutback #2**	203.2
2 Oversize					Major Diameter	191.39	Tube O.D.	298.5
Nominal Fit at 75°F					Head Diameter	165.10	Tube I.D.	235.0
1 Undersize					Weight (kg)	943	Weight (kg)	1429
Standard			0.41	0.41*	Material	17-4SS	Number of Stages	7.2
1 Oversize					Thread Form**	BLANK		
2 Oversize								

*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	4.224 Nm/kPa	Max. Diff. Press. (kPa)			11170	12411
Flow Range	2271 to 4542 Litre/min	Max. Torque (Nm)			47182	52416
RPG	0.034 rev/litre	Stall Diff. Press. (kPa)			16754	18616
Speed Range	77 to 154 RPM	Stall Torque (Nm)			70774	78637
Off Bottom Press.	1248 kPa	Max. Recommended (kW)			657	730
		kPa Per Stage			1551	1724
		kPa Per Cavity			290	324
		Temperature Slope (mm/°C)			0.0226	0.0226



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