



POWER SECTION

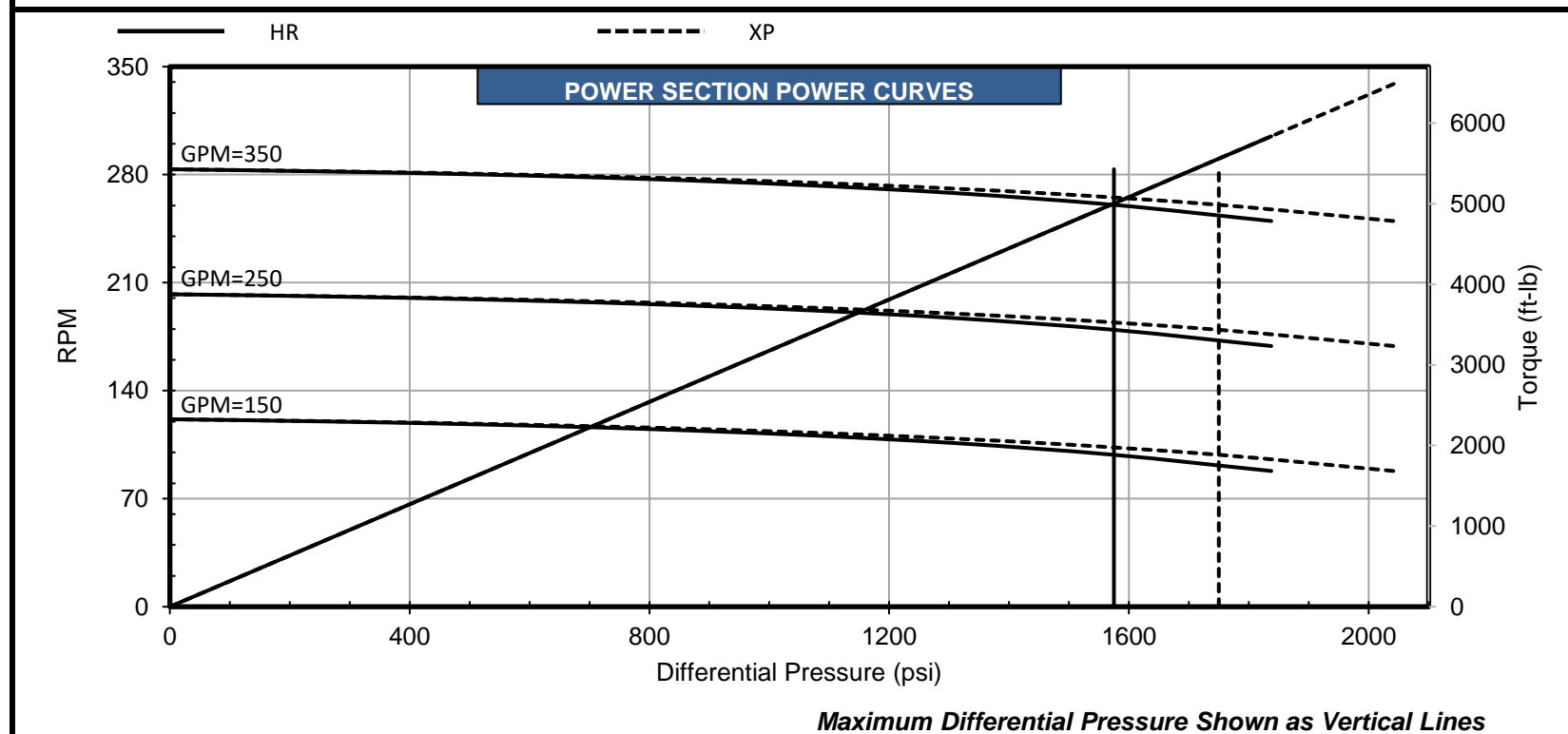
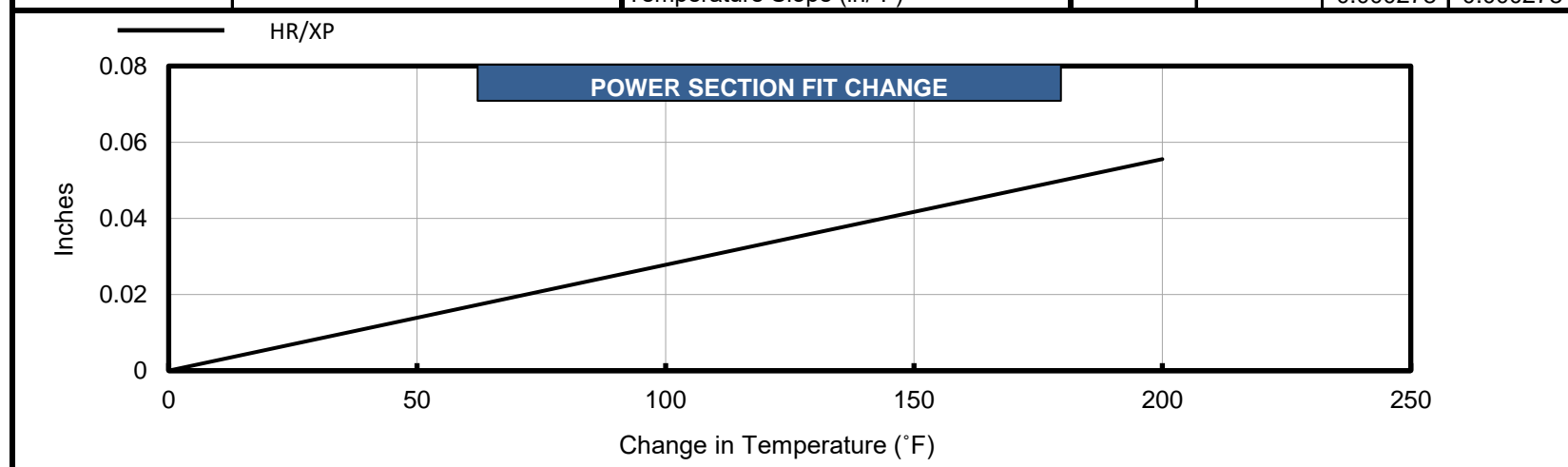
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard				
1 Oversize			2.635	2.635*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard				
1 Oversize			0.000	0.000*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	205.0	Overall Length	212.0
Contour Length	197.3	Rubber Cutback #1**	8.0
Eccentricity	0.192	Rubber Cutback #2**	8.0
Major Diameter	3.018	Tube O.D.	5.00
Head Diameter	3.125	Tube I.D.	4.00
Weight (lb)	309	Weight (lb)	467
Material	17-4SS	Number of Stages	7.0
Thread Form**	N/A		

*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	3.176 ft-lb/psi	Max. Diff. Press. (psi)			1580	1750
Flow Range	150 to 350 GPM	Max. Torque (ft-lb)			5000	5560
RPG	0.810 rev/gal	Stall Diff. Press. (psi)			2360	2630
Speed Range	122 to 284 RPM	Stall Torque (ft-lb)			7500	8340
Off Bottom Press.	116 psi	Max. Recommended (HP)			248	276
		PSI Per Stage			225	250
		PSI Per Cavity			37	41
		Temperature Slope (in/°F)			0.000278	0.000278



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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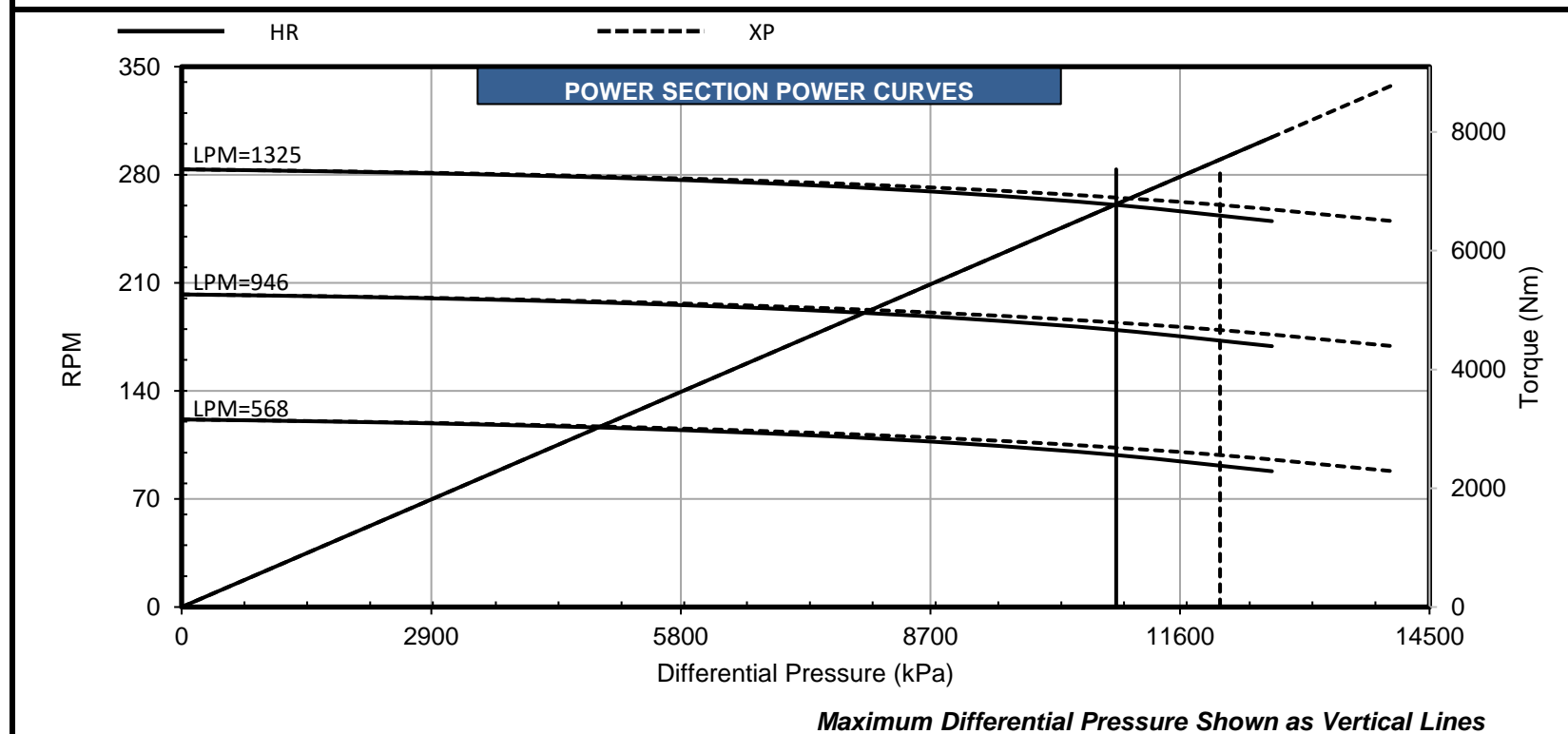
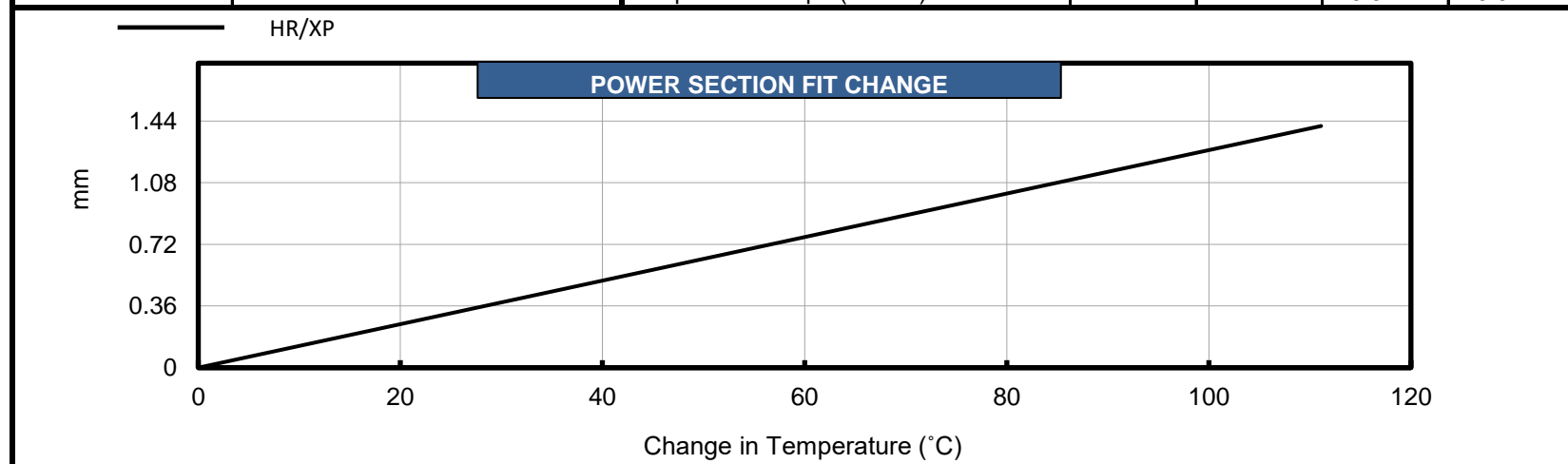
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard				
1 Oversize			66.93	66.93*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard				
1 Oversize			0.00	0.00*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	5207.0	Overall Length	5384.8
Contour Length	5011.4	Rubber Cutback #1**	203.2
Eccentricity	4.86	Rubber Cutback #2**	203.2
Major Diameter	76.66	Tube O.D.	127.0
Head Diameter	79.38	Tube I.D.	101.6
Weight (kg)	140	Weight (kg)	212
Material	17-4SS	Number of Stages	7.0
Thread Form**	N/A		

*Pending production measurements

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

PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	0.625 Nm/kPa			10894	12066
Flow Range	568 to 1325 Litre/min			6779	7538
RPG	0.214 rev/litre			16272	18133
Speed Range	122 to 284 RPM			10169	11308
Off Bottom Press.	800 kPa			185	206
				1551	1724
				255	283
				0.0127	0.0127



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