

POWER SECTION

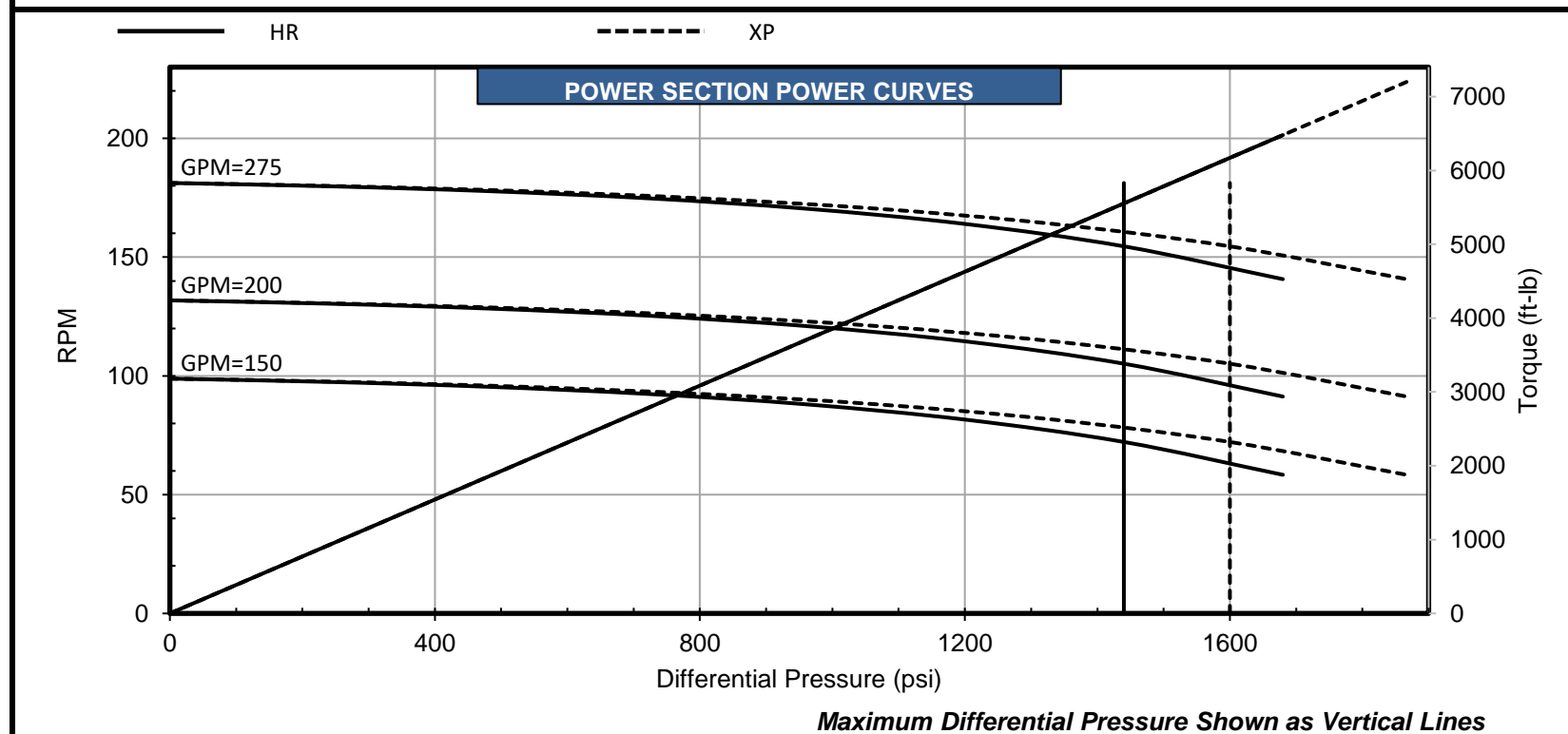
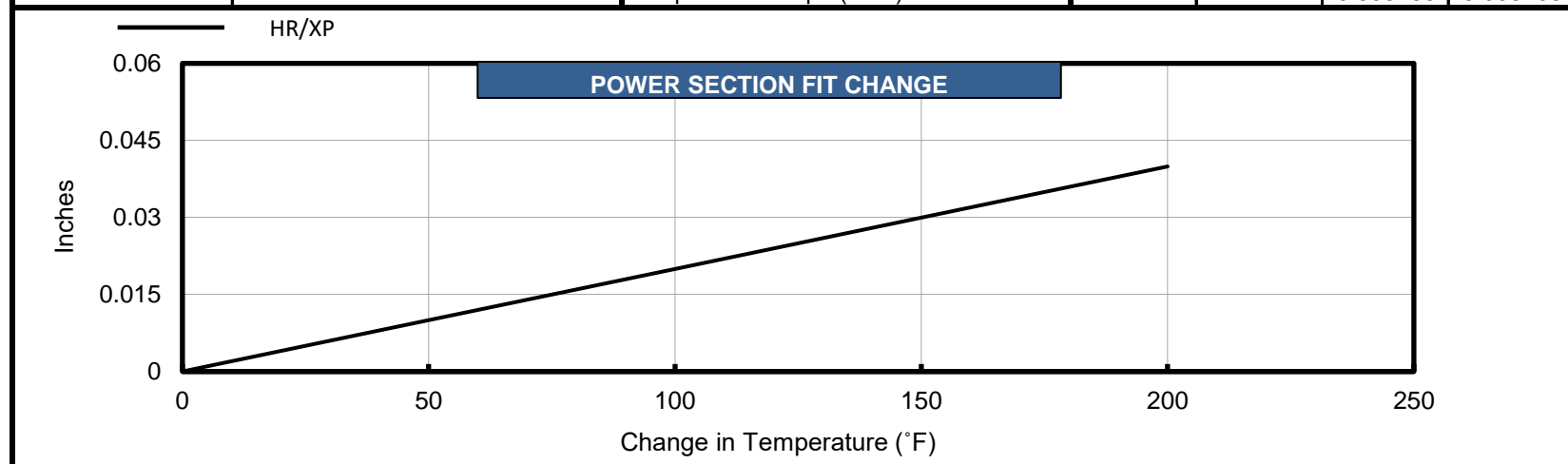
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			2.662	2.662*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.005	0.005*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	TBD	Overall Length	235.0
Contour Length	TBD	Rubber Cutback #1**	8.0
Eccentricity	0.173	Rubber Cutback #2**	8.0
Major Diameter	3.012	Tube O.D.	5.00
Head Diameter	TBD	Tube I.D.	3.75
Weight (lb)	TBD	Weight (lb)	606
Material	17-4SS	Number of Stages	6.4
Thread Form**	TBD		

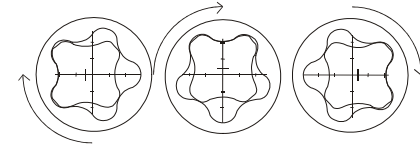
*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	3.857 ft-lb/psi	Max. Diff. Press. (psi)			1440	1600
Flow Range	150 to 275 GPM	Max. Torque (ft-lb)			5550	6170
RPG	0.659 rev/gal	Stall Diff. Press. (psi)			2160	2400
Speed Range	99 to 181 RPM	Stall Torque (ft-lb)			8330	9260
Off Bottom Press.	81 psi	Max. Recommended (HP)			163	182
		PSI Per Stage			225	250
		PSI Per Cavity			33	36
		Temperature Slope (in/°F)			0.000200	0.000200



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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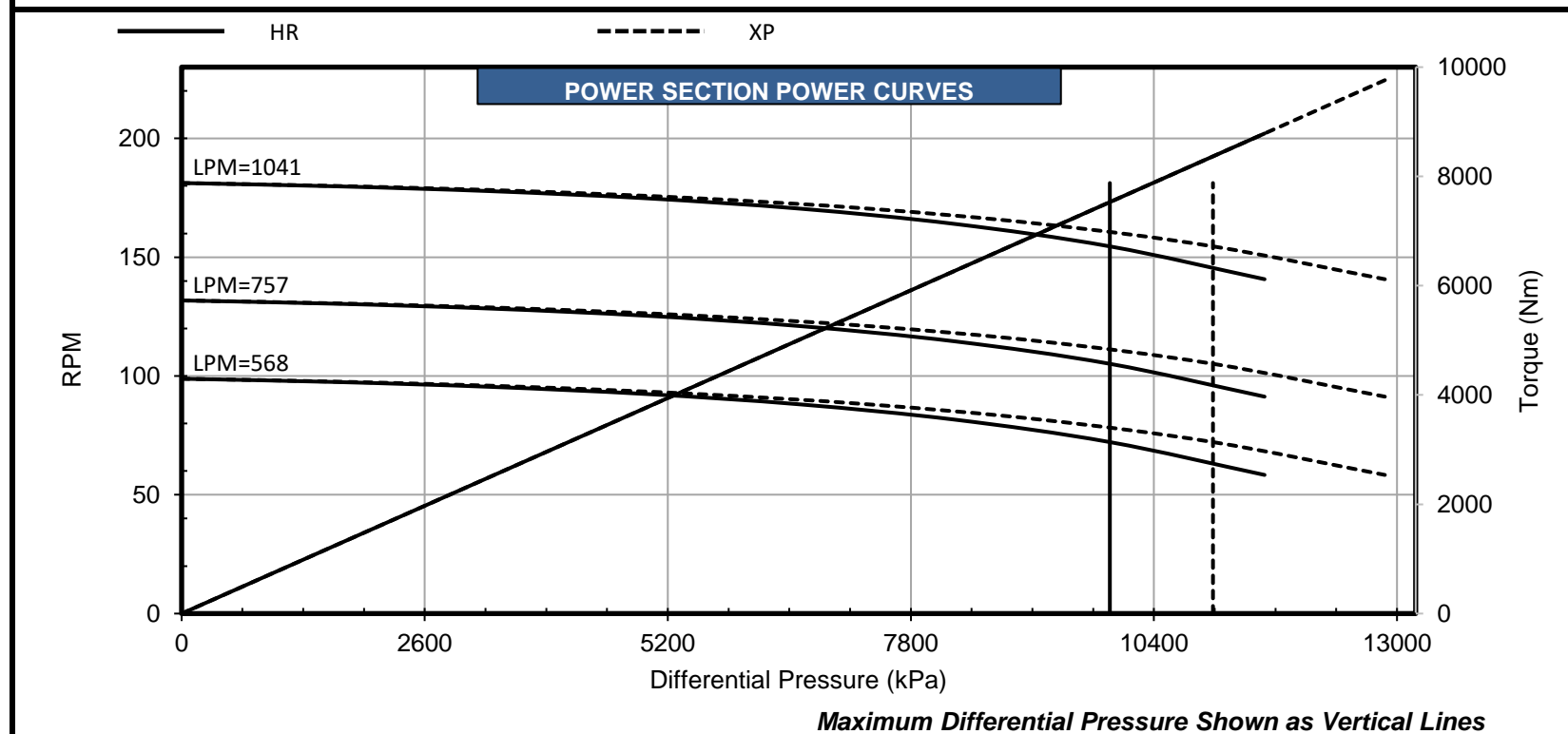
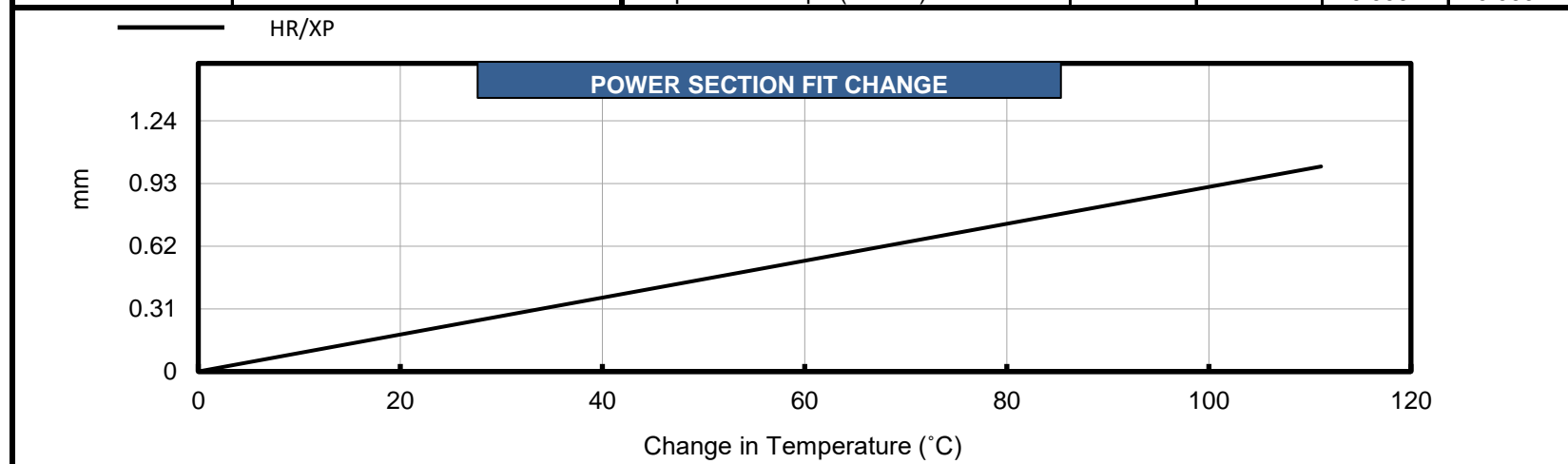
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			67.61	67.61*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.13	0.13*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	TBD	Overall Length	5969.0
Contour Length	TBD	Rubber Cutback #1**	203.2
Eccentricity	4.38	Rubber Cutback #2**	203.2
Major Diameter	76.50	Tube O.D.	127.0
Head Diameter	TBD	Tube I.D.	95.3
Weight (kg)	TBD	Weight (kg)	275
Material	17-4SS	Number of Stages	6.4
Thread Form**	TBD		

*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	0.758 Nm/kPa	Max. Diff. Press. (kPa)			9928	11032
Flow Range	568 to 1041 Litre/min	Max. Torque (Nm)			7525	8365
RPG	0.174 rev/litre	Stall Diff. Press. (kPa)			14893	16547
Speed Range	99 to 181 RPM	Stall Torque (Nm)			11294	12555
Off Bottom Press.	558 kPa	Max. Recommended (kW)			122	135
		kPa Per Stage			1551	1724
		kPa Per Cavity			228	248
		Temperature Slope (mm/°C)			0.0091	0.0091



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