



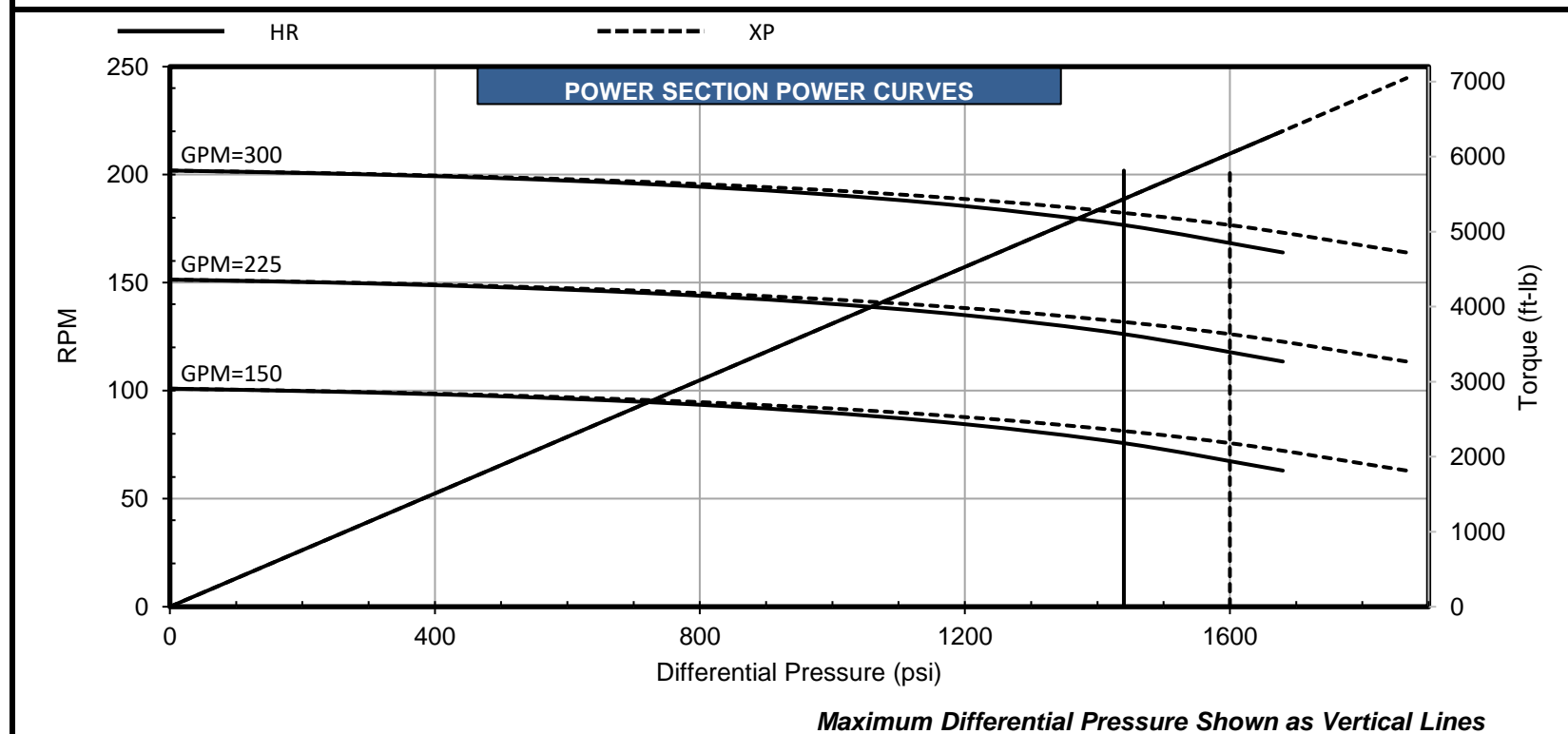
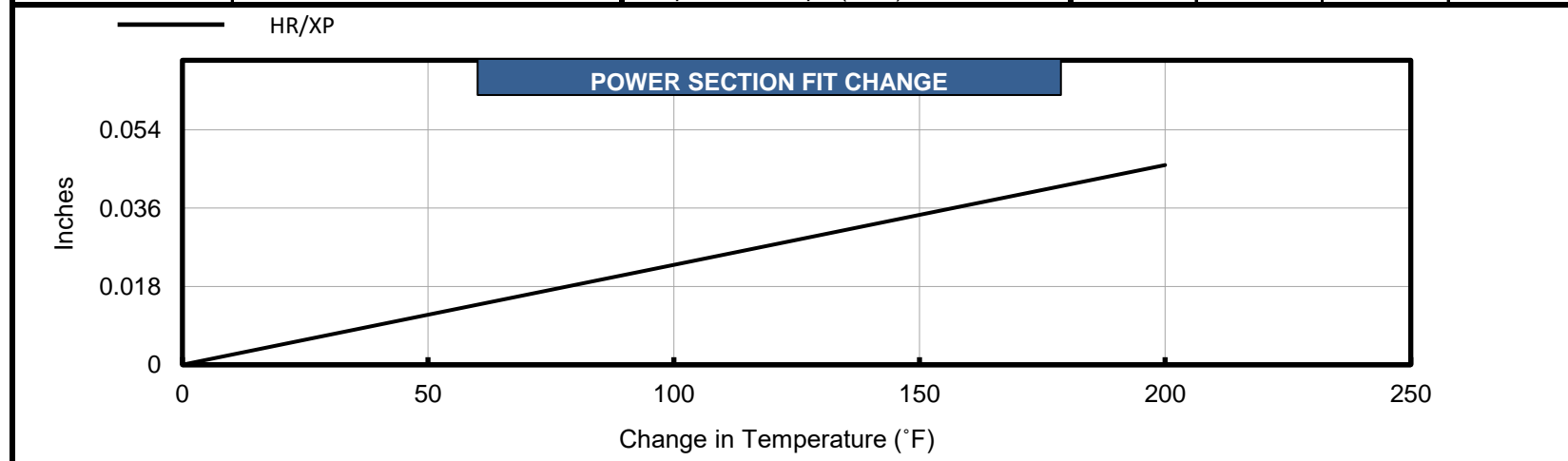
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)					ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Stator Size	NBR-1A	DynaPower			(in)		(in)	
		XR	HR	XP				
1 Undersize					Overall Length	226.0	Overall Length	235.0
Standard			2.696	2.696*	Contour Length	218.1	Rubber Cutback #1**	8.0
1 Oversize					Eccentricity	0.170	Rubber Cutback #2**	8.0
2 Oversize					Major Diameter	3.029	Tube O.D.	5.00
Nominal Fit at 75°F					Head Diameter	3.250	Tube I.D.	3.88
1 Undersize					Weight (lb)	354	Weight (lb)	430
Standard			-0.006	-0.006*	Material	17-4 SS	Number of Stages	6.4
1 Oversize					Thread Form**	2 3/8" API REG		
2 Oversize								

*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	3.775 ft-lb/psi	Max. Diff. Press. (psi)			1440	1600
Flow Range	150 to 300 GPM	Max. Torque (ft-lb)			5440	6040
RPG	0.673 rev/gal	Stall Diff. Press. (psi)			2160	2400
Speed Range	101 to 202 RPM	Stall Torque (ft-lb)			8150	9060
Off Bottom Press.	93 psi	Max. Recommended (HP)			183	203
		PSI Per Stage			225	250
		PSI Per Cavity			33	36
		Temperature Slope (in/°F)			0.000230	0.000230



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.



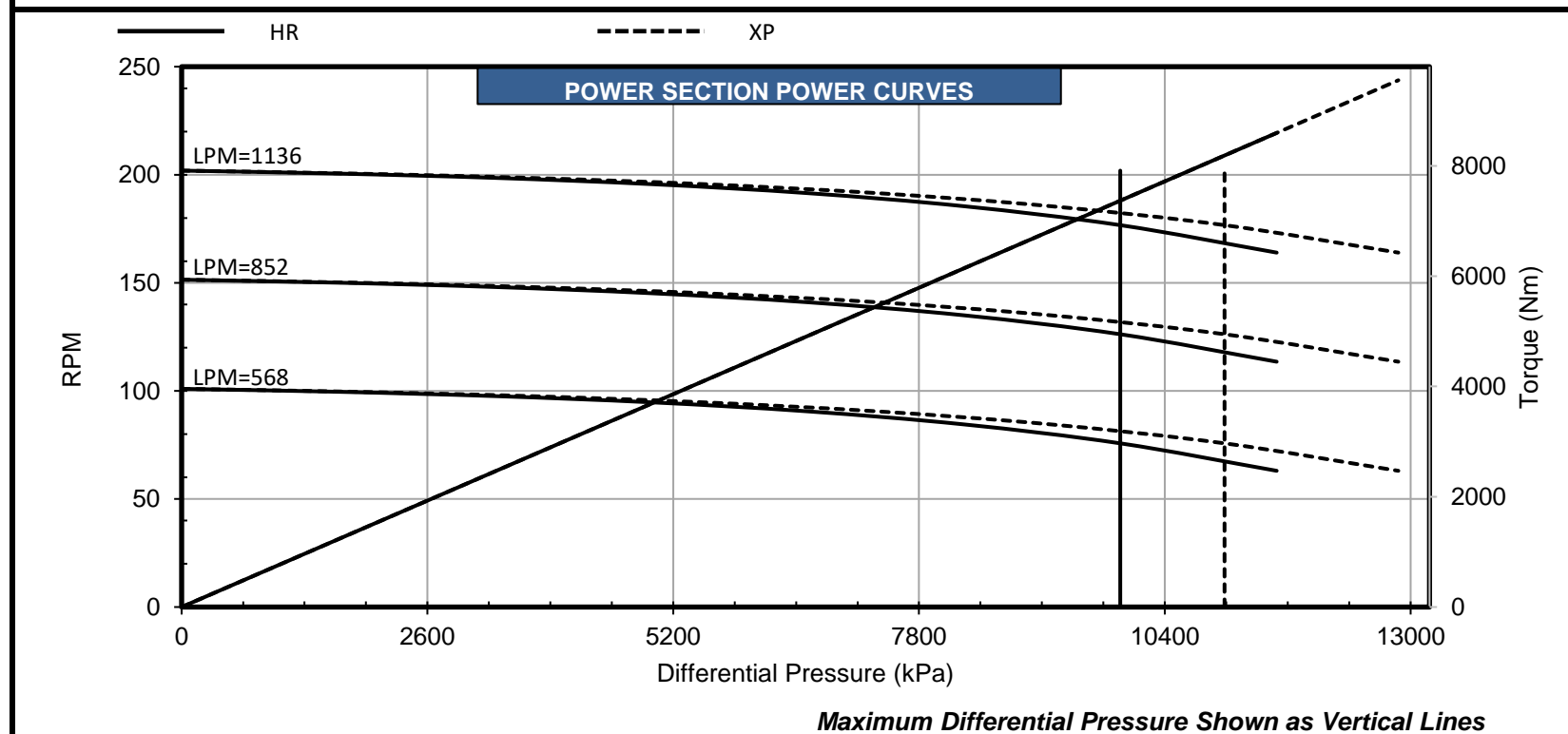
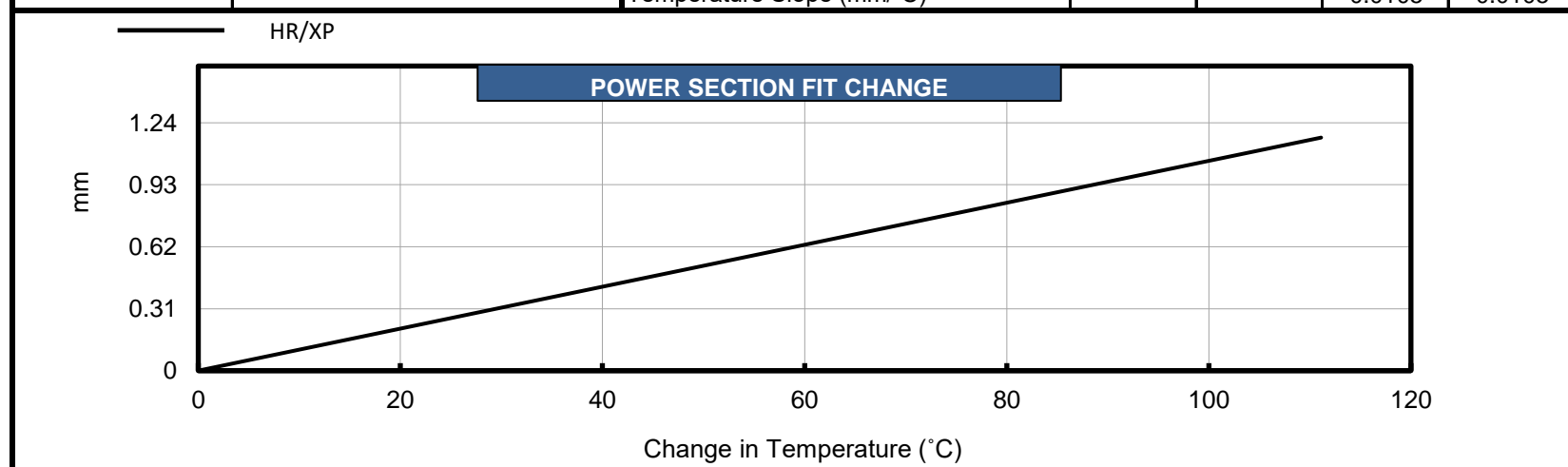
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS		
Stator Size	NBR-1A	DynaPower		(mm)		(mm)		
		XR	HR	XR	HR	XR	HR	
1 Undersize				Overall Length	5740.4	Overall Length	5969.0	
Standard			68.48	68.48*	Contour Length	5539.7	Rubber Cutback #1**	203.2
1 Oversize				Eccentricity	4.31	Rubber Cutback #2**	203.2	
2 Oversize				Major Diameter	76.94	Tube O.D.	127.0	
Nominal Fit at 75°F				Head Diameter	82.55	Tube I.D.	98.6	
1 Undersize				Weight (kg)	161	Weight (kg)	195	
Standard			-0.15	-0.15*	Material	17-4 SS	Number of Stages	6.4
1 Oversize				Thread Form**	2 3/8" API REG			
2 Oversize								

*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	0.742 Nm/kPa	Max. Diff. Press. (kPa)			9928	11032
Flow Range	568 to 1136 Litre/min	Max. Torque (Nm)			7376	8189
RPG	0.178 rev/litre	Stall Diff. Press. (kPa)			14893	16547
Speed Range	101 to 202 RPM	Stall Torque (Nm)			11050	12284
Off Bottom Press.	641 kPa	Max. Recommended (kW)			136	152
		kPa Per Stage			1551	1724
		kPa Per Cavity			228	248
		Temperature Slope (mm/°C)			0.0105	0.0105



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