



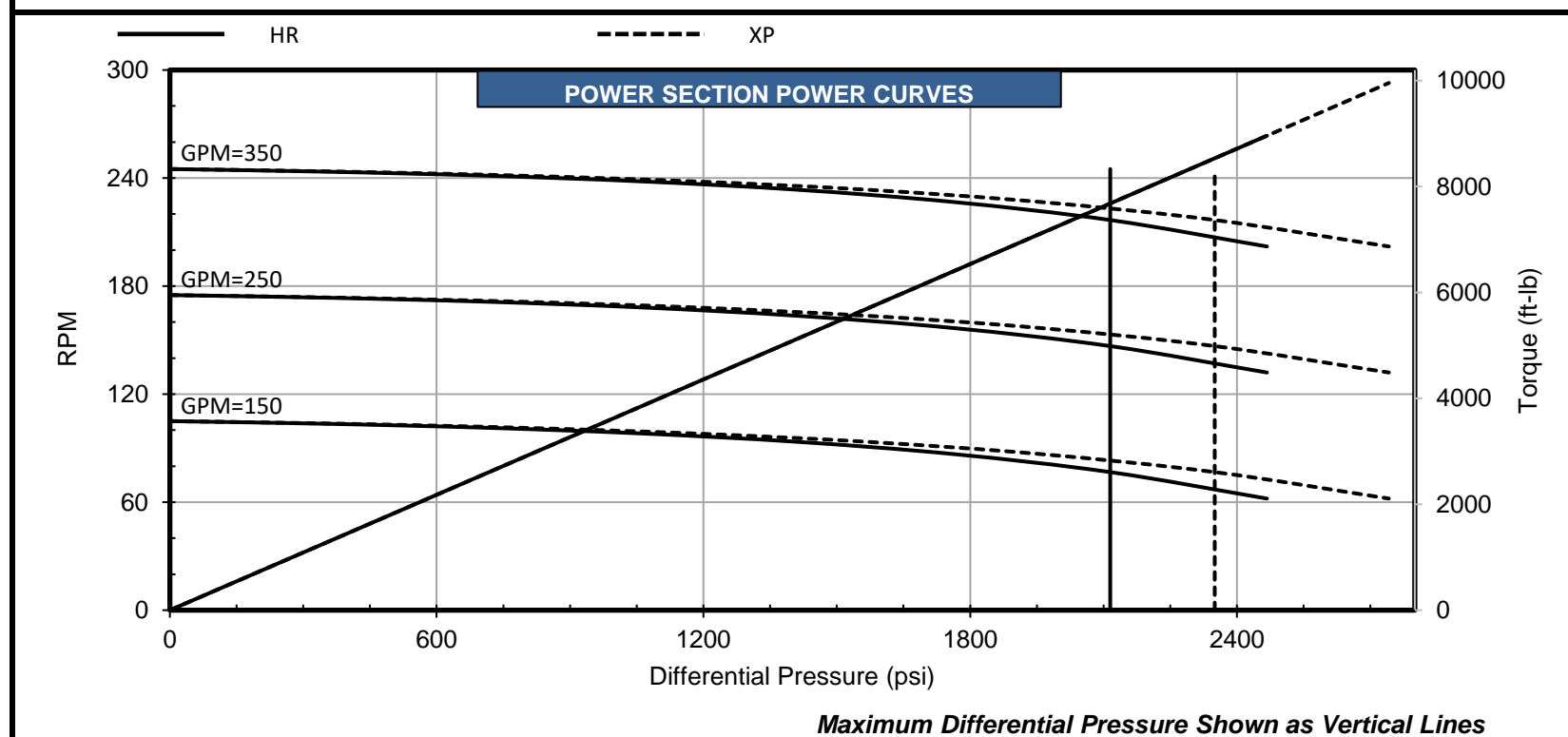
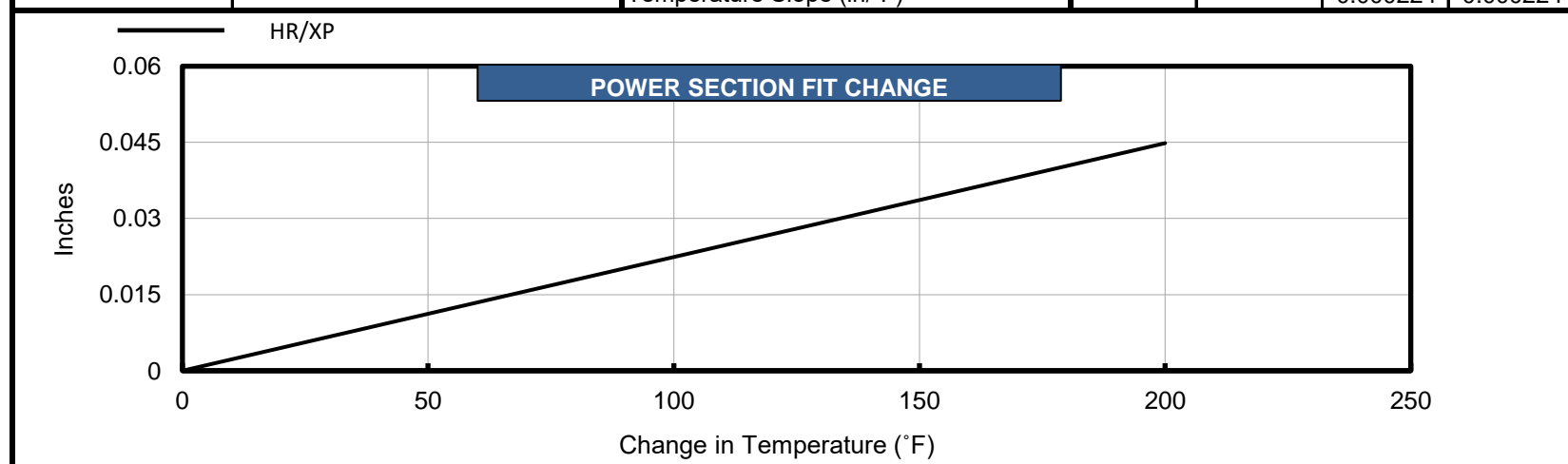
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)					ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Stator Size	NBR-1A	DynaPower			(in)	(in)	(in)	(in)
		XR	HR	XP				
1 Undersize					Overall Length	TBD	Overall Length	280.0
Standard					Contour Length	TBD	Rubber Cutback #1**	8.0
1 Oversize			3.024	3.024*	Eccentricity	0.173	Rubber Cutback #2**	8.0
2 Oversize					Major Diameter	3.354	Tube O.D.	5.00
Nominal Fit at 75°F					Head Diameter	TBD	Tube I.D.	4.00
1 Undersize					Weight (lb)	TBD	Weight (lb)	516
Standard					Material	17-4 SS	Number of Stages	9.4
1 Oversize			-0.015	-0.015*	Thread Form**	TBD		
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	3.631 ft-lb/psi	Max. Diff. Press. (psi)			2120	2350
Flow Range	150 to 350 GPM	Max. Torque (ft-lb)			7680	8530
RPG	0.700 rev/gal	Stall Diff. Press. (psi)			3170	3530
Speed Range	105 to 245 RPM	Stall Torque (ft-lb)			11520	12800
Off Bottom Press.	133 psi	Max. Recommended (HP)			317	352
		PSI Per Stage			225	250
		PSI Per Cavity			31	34
		Temperature Slope (in/°F)			0.000224	0.000224



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

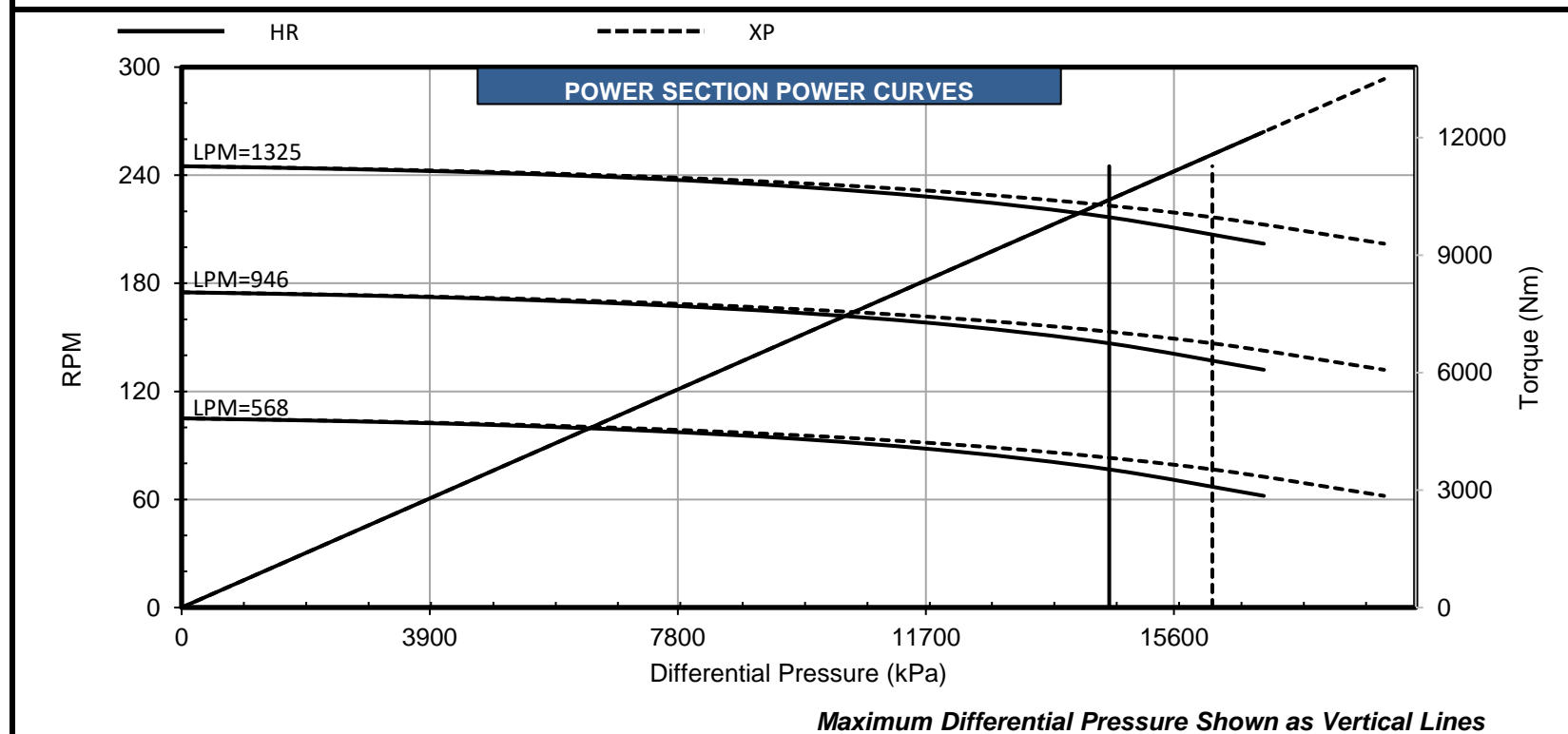
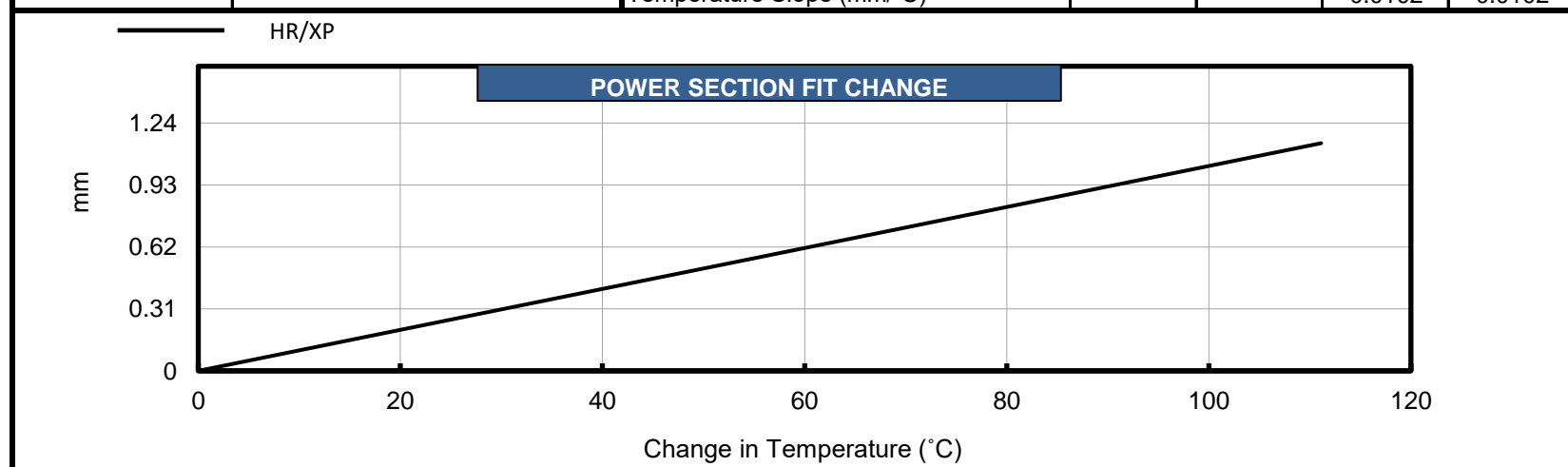
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard				
1 Oversize			76.81	76.81*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard				
1 Oversize			-0.38	-0.38*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	TBD	Overall Length	7112.0
Contour Length	TBD	Rubber Cutback #1**	203.2
Eccentricity	4.38	Rubber Cutback #2**	203.2
Major Diameter	85.19	Tube O.D.	127.0
Head Diameter	TBD	Tube I.D.	101.6
Weight (kg)	TBD	Weight (kg)	234
Material	17-4 SS	Number of Stages	9.4
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	0.714 Nm/kPa	Max. Diff. Press. (kPa)			14617	16203
Flow Range	568 to 1325 Litre/min	Max. Torque (Nm)			10413	11565
RPG	0.185 rev/litre	Stall Diff. Press. (kPa)			21856	24339
Speed Range	105 to 245 RPM	Stall Torque (Nm)			15619	17354
Off Bottom Press.	917 kPa	Max. Recommended (kW)			236	263
		kPa Per Stage			1551	1724
		kPa Per Cavity			214	234
		Temperature Slope (mm/°C)			0.0102	0.0102



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.