

## POWER SECTION

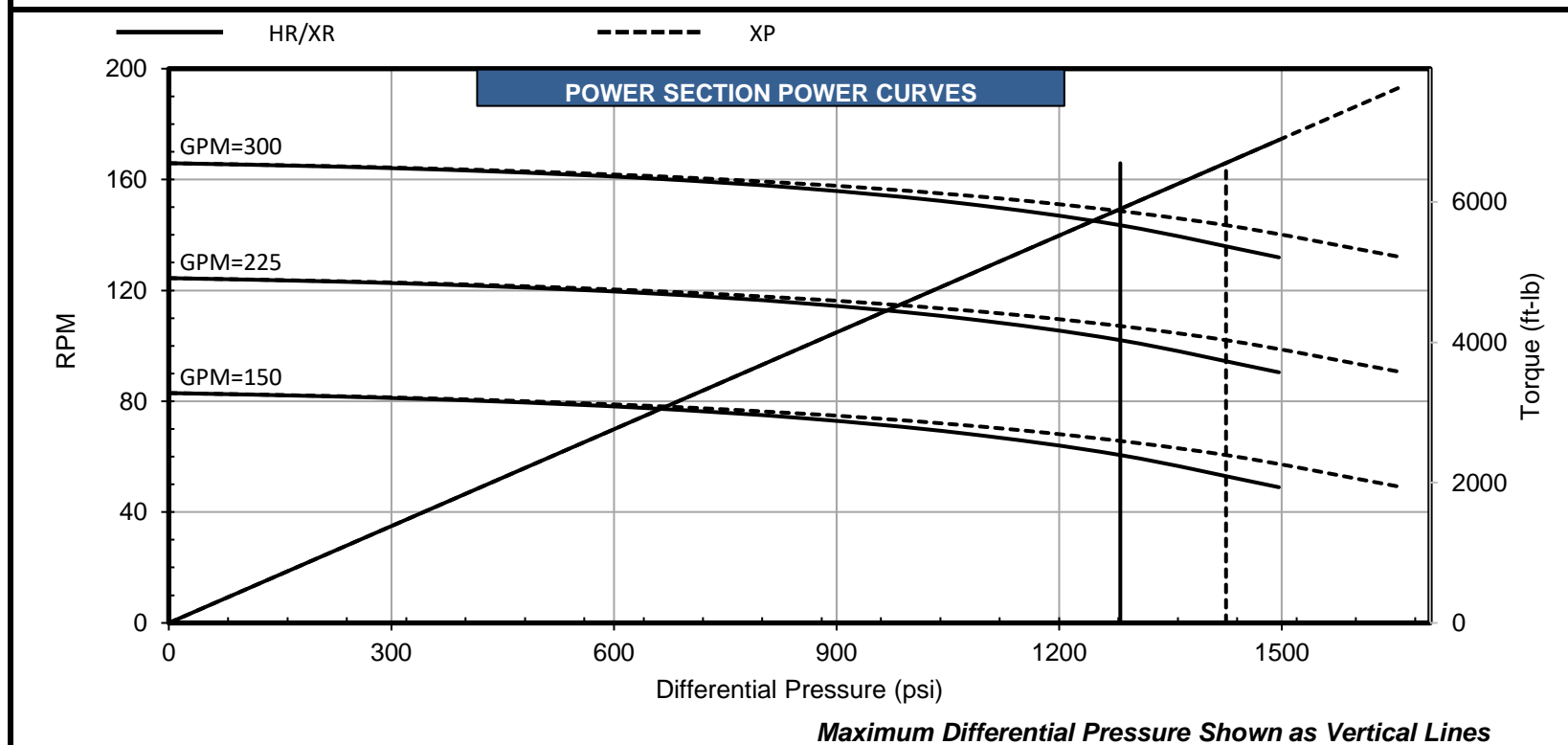
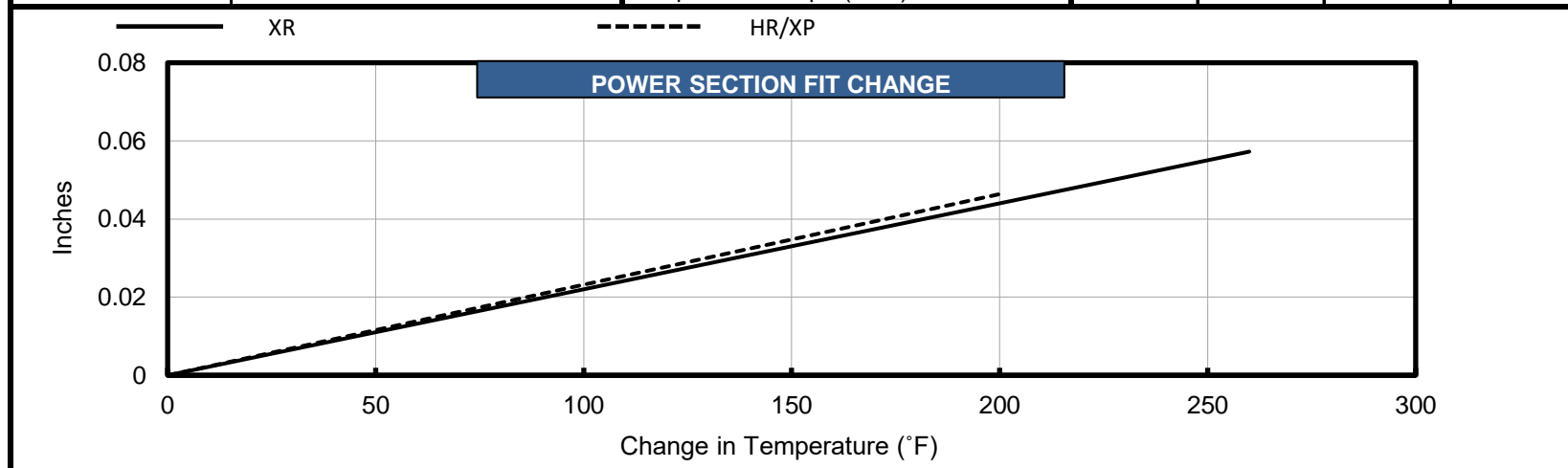
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		2.808*	2.808*	2.811
0.5 Oversize		2.819*	2.819	2.819*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		0.000*	0.000*	-0.003
0.5 Oversize		-0.011*	-0.011	-0.011*
1 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	TBD	Overall Length	250.0
Contour Length	TBD	Rubber Cutback #1**	8.0
Eccentricity	0.168	Rubber Cutback #2**	8.0
Major Diameter	3.144	Tube O.D.	5.00
Head Diameter	TBD	Tube I.D.	4.00
Weight (lb)	TBD	Weight (lb)	548
Material	145 KSI 17-4SS	Number of Stages	5.7
Thread Form**	TBD		

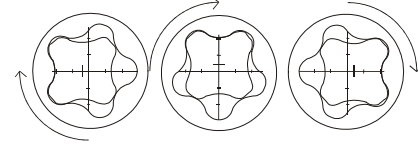
\*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	4.601 ft-lb/psi	Max. Diff. Press. (psi)		1280	1280	1430
Flow Range	150 to 300 GPM	Max. Torque (ft-lb)		5900	5900	6560
RPG	0.553 rev/gal	Stall Diff. Press. (psi)		1920	1920	2140
Speed Range	83 to 166 RPM	Stall Torque (ft-lb)		8850	8850	9830
Off Bottom Press.	80 psi	Max. Recommended (HP)		161	161	179
		PSI Per Stage		225	225	250
		PSI Per Cavity		33	33	37
		Temperature Slope (in/°F)		0.000220	0.000232	0.000232



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

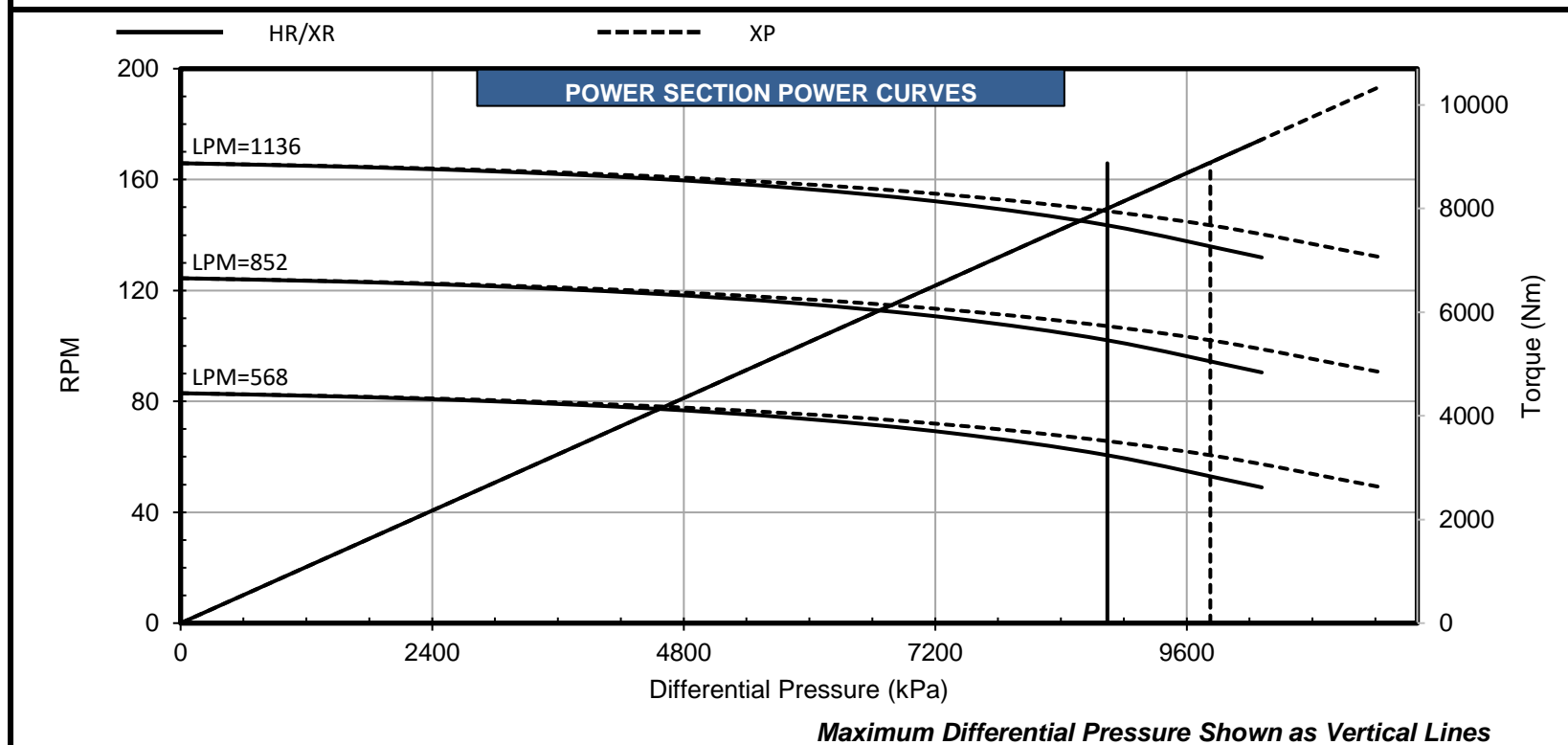
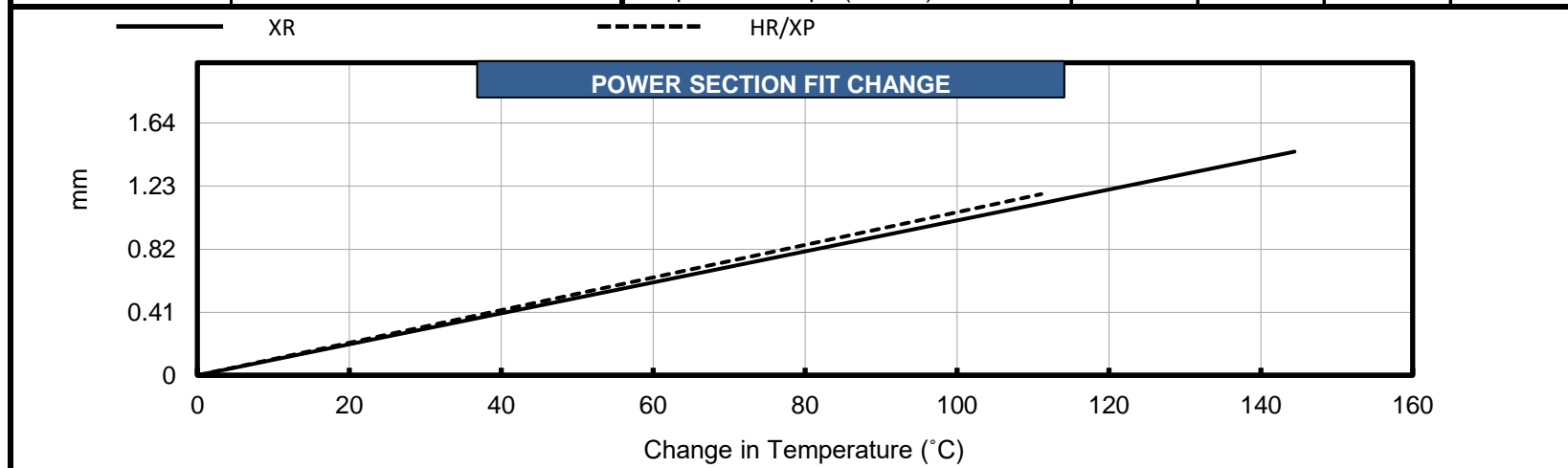
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		71.32*	71.32*	71.40
0.5 Oversize		71.60*	71.60	71.60*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		0.00*	0.00*	-0.08
0.5 Oversize		-0.28*	-0.28	-0.28*
1 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	TBD	Overall Length	6350.0
Contour Length	TBD	Rubber Cutback #1**	203.2
Eccentricity	4.27	Rubber Cutback #2**	203.2
Major Diameter	79.86	Tube O.D.	127.0
Head Diameter	TBD	Tube I.D.	101.6
Weight (kg)	TBD	Weight (kg)	249
Material	145 KSI 17-4SS	Number of Stages	5.7
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	0.905 Nm/kPa	Max. Diff. Press. (kPa)		8825	8825	9860
Flow Range	568 to 1136 Litre/min	Max. Torque (Nm)		7999	7999	8894
RPG	0.146 rev/litre	Stall Diff. Press. (kPa)		13238	13238	14755
Speed Range	83 to 166 RPM	Stall Torque (Nm)		11999	11999	13328
Off Bottom Press.	552 kPa	Max. Recommended (kW)		120	120	134
		kPa Per Stage		1551	1551	1724
		kPa Per Cavity		228	228	255
		Temperature Slope (mm/°C)		0.0101	0.0106	0.0106



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.