



## POWER SECTION

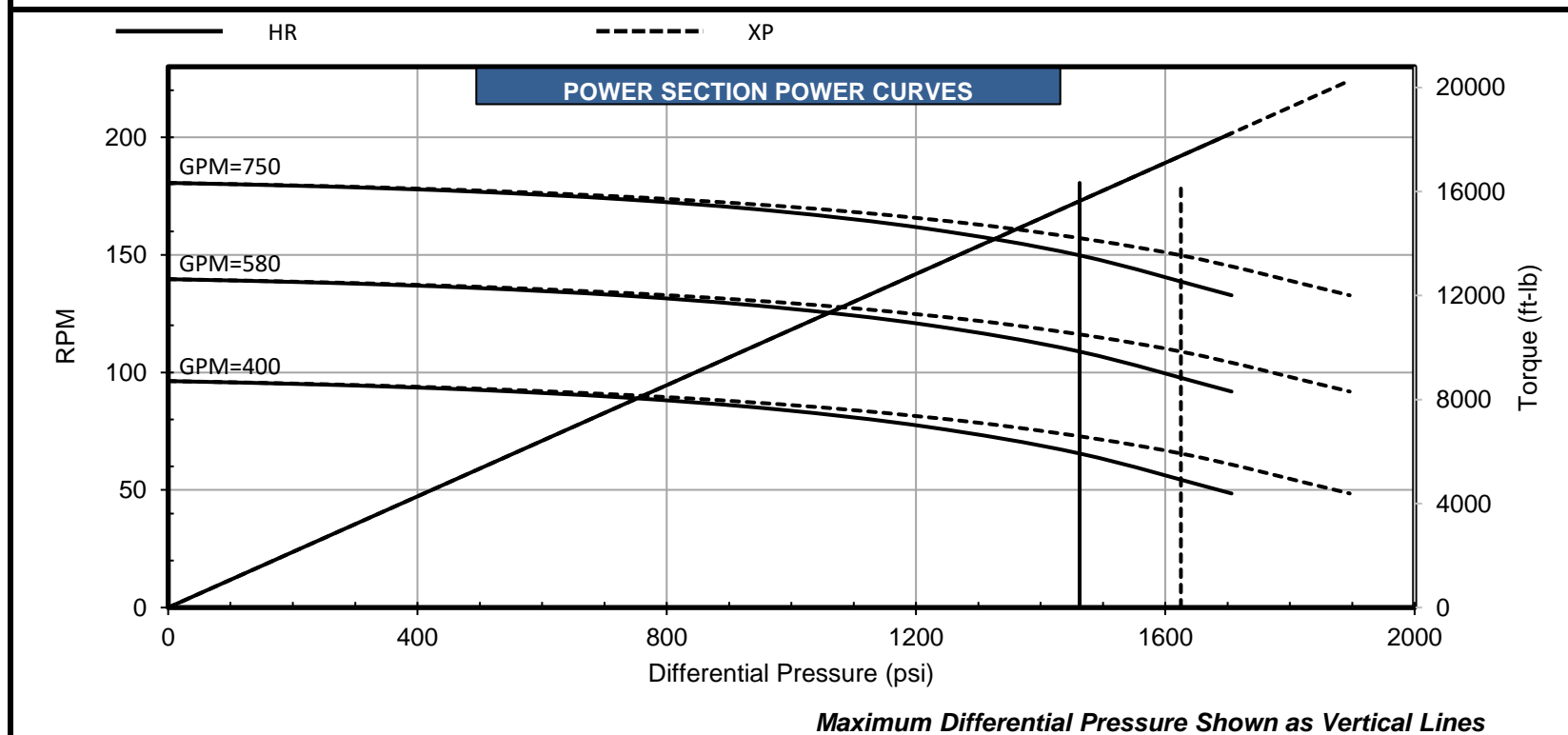
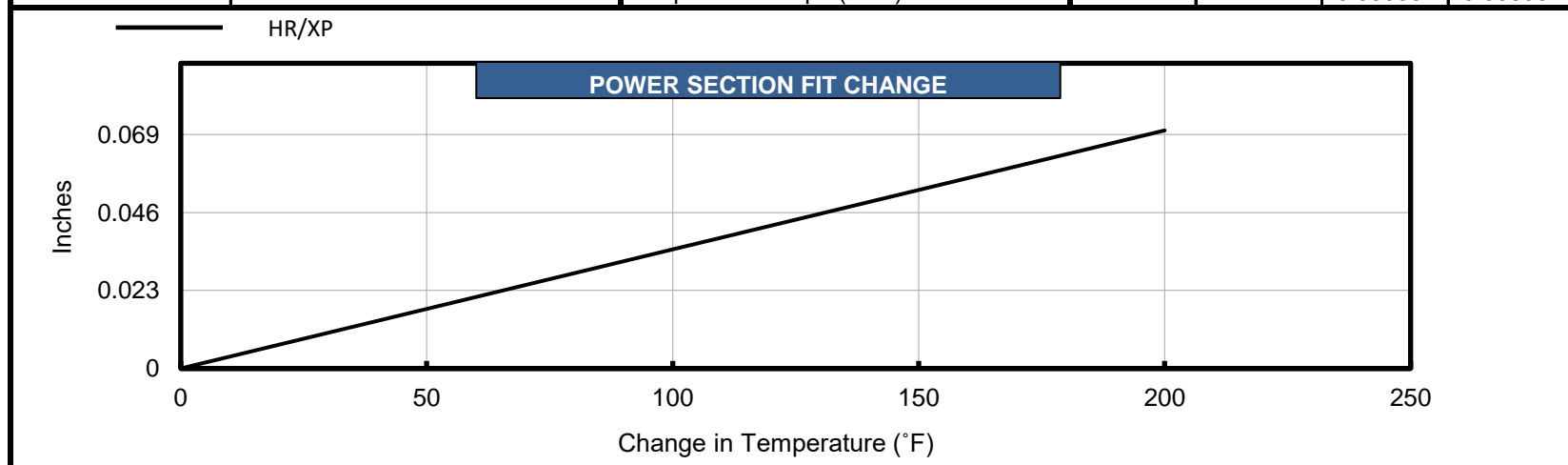
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			4.143*	4.143*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.000*	0.000*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	267.0	Overall Length	275.0
Contour Length	259.0	Rubber Cutback #1**	8.0
Eccentricity	0.302	Rubber Cutback #2**	8.0
Major Diameter	4.747	Tube O.D.	7.00
Head Diameter	4.750	Tube I.D.	5.75
Weight (lb)	867	Weight (lb)	925
Material	145 KSI 17-4SS	Number of Stages	6.5
Thread Form**	1.375-6 SA-2G		

\*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	10.691 ft-lb/psi	Max. Diff. Press. (psi)			1460	1630
Flow Range	400 to 750 GPM	Max. Torque (ft-lb)			15640	17370
RPG	0.241 rev/gal	Stall Diff. Press. (psi)			2190	2440
Speed Range	96 to 181 RPM	Stall Torque (ft-lb)			23450	26060
Off Bottom Press.	142 psi	Max. Recommended (HP)			446	496
		PSI Per Stage			225	250
		PSI Per Cavity			37	41
		Temperature Slope (in/°F)			0.000351	0.000351



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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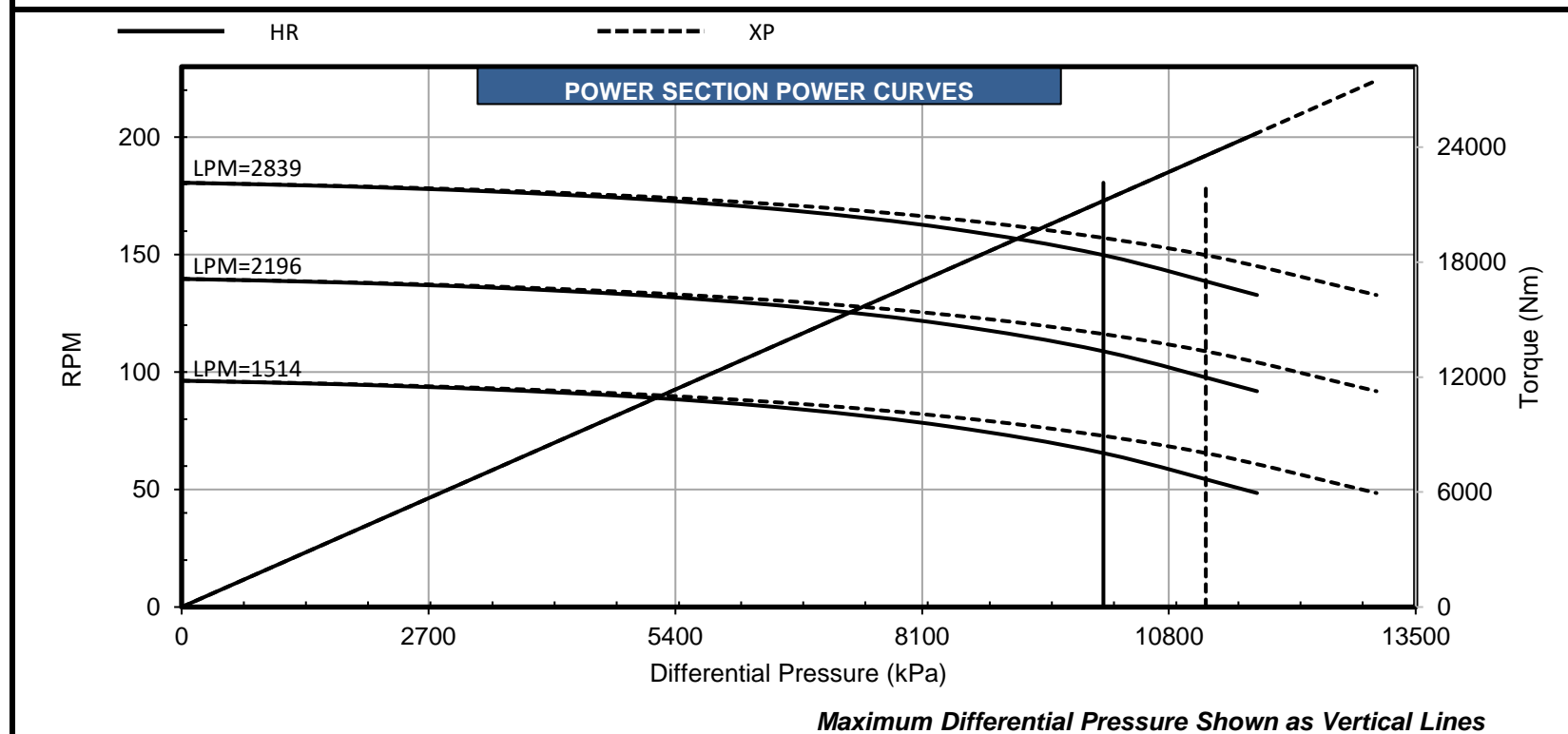
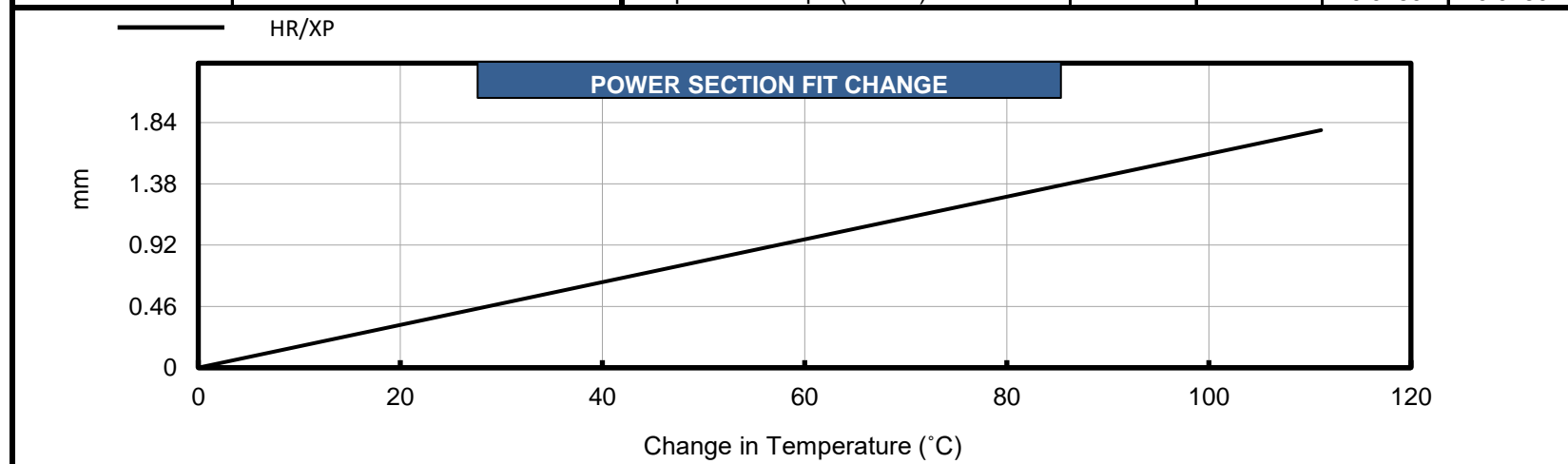
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			105.23*	105.23*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.00*	0.00*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	6781.8	Overall Length	6985.0
Contour Length	6578.6	Rubber Cutback #1**	203.2
Eccentricity	7.66	Rubber Cutback #2**	203.2
Major Diameter	120.57	Tube O.D.	177.8
Head Diameter	120.65	Tube I.D.	146.1
Weight (kg)	393	Weight (kg)	420
Material	145 KSI 17-4SS	Number of Stages	6.5
Thread Form**	1.375-6 SA-2G		

\*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	2.102 Nm/kPa	Max. Diff. Press. (kPa)			10066	11238
Flow Range	1514 to 2839 Litre/min	Max. Torque (Nm)			21205	23551
RPG	0.064 rev/litre	Stall Diff. Press. (kPa)			15100	16823
Speed Range	96 to 181 RPM	Stall Torque (Nm)			31794	35333
Off Bottom Press.	979 kPa	Max. Recommended (kW)			333	370
		kPa Per Stage			1551	1724
		kPa Per Cavity			255	283
		Temperature Slope (mm/°C)			0.0160	0.0160



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