



POWER SECTION

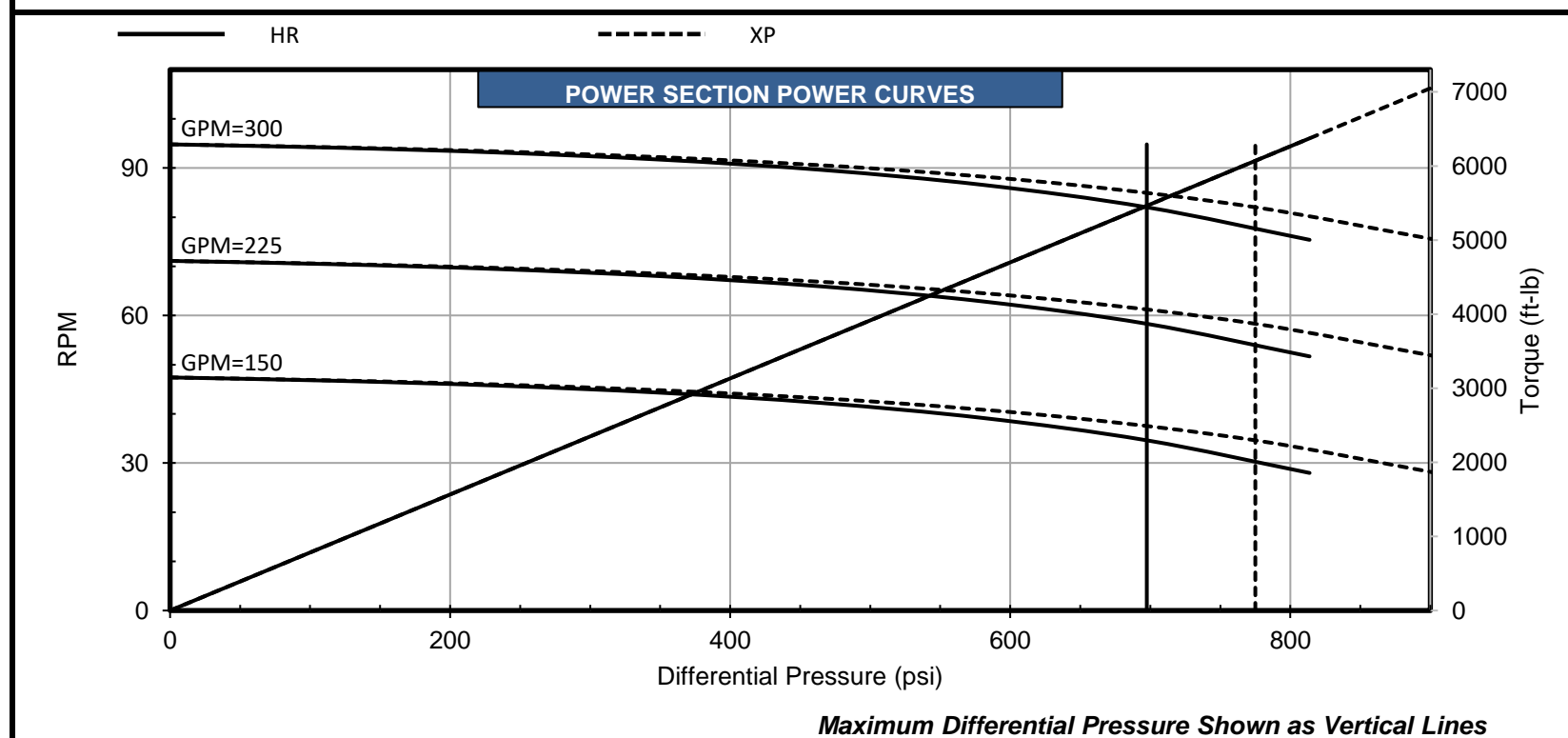
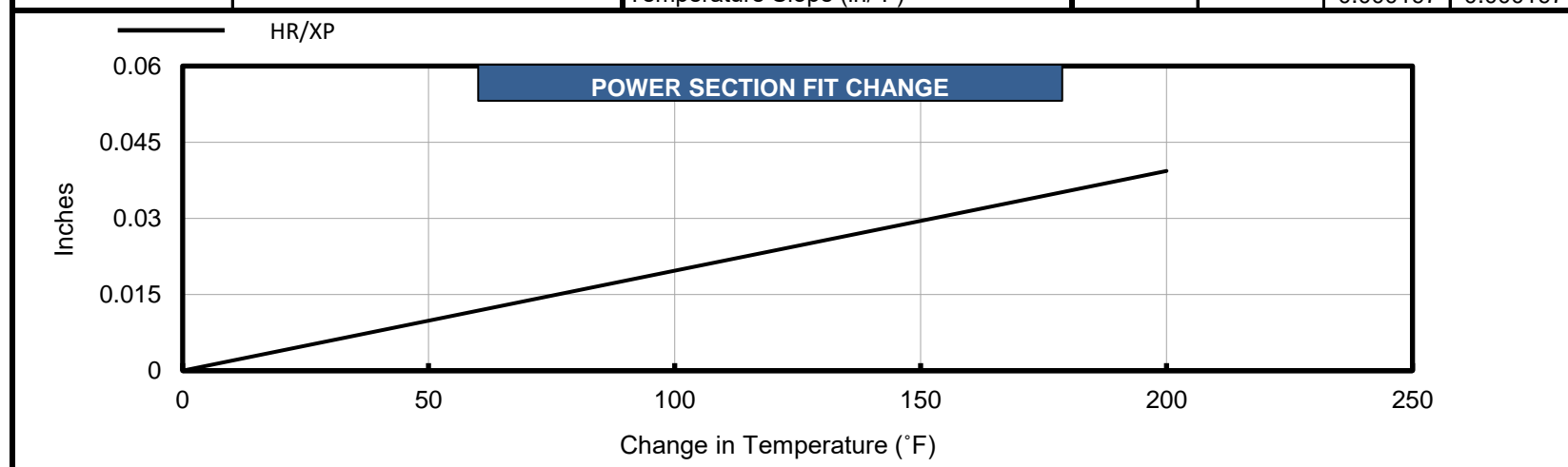
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			2.686	2.686*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.002	0.002*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	229.0	Overall Length	238.0
Contour Length	223.0	Rubber Cutback #1**	8.0
Eccentricity	0.168	Rubber Cutback #2**	8.0
Major Diameter	3.024	Tube O.D.	5.00
Head Diameter	2.750	Tube I.D.	3.75
Weight (lb)	371	Weight (lb)	611
Material	17-4SS	Number of Stages	3.1
Thread Form**	2 3/8 Hughes External Flush Mod Flat		

*Pending production measurements

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	7.831 ft-lb/psi	Max. Diff. Press. (psi)			700	780
Flow Range	150 to 300 GPM	Max. Torque (ft-lb)			5460	6070
RPG	0.316 rev/gal	Stall Diff. Press. (psi)			1050	1160
Speed Range	47 to 95 RPM	Stall Torque (ft-lb)			8190	9100
Off Bottom Press.	50 psi	Max. Recommended (HP)			85	95
		PSI Per Stage			225	250
		PSI Per Cavity			39	44
		Temperature Slope (in/°F)			0.000197	0.000197



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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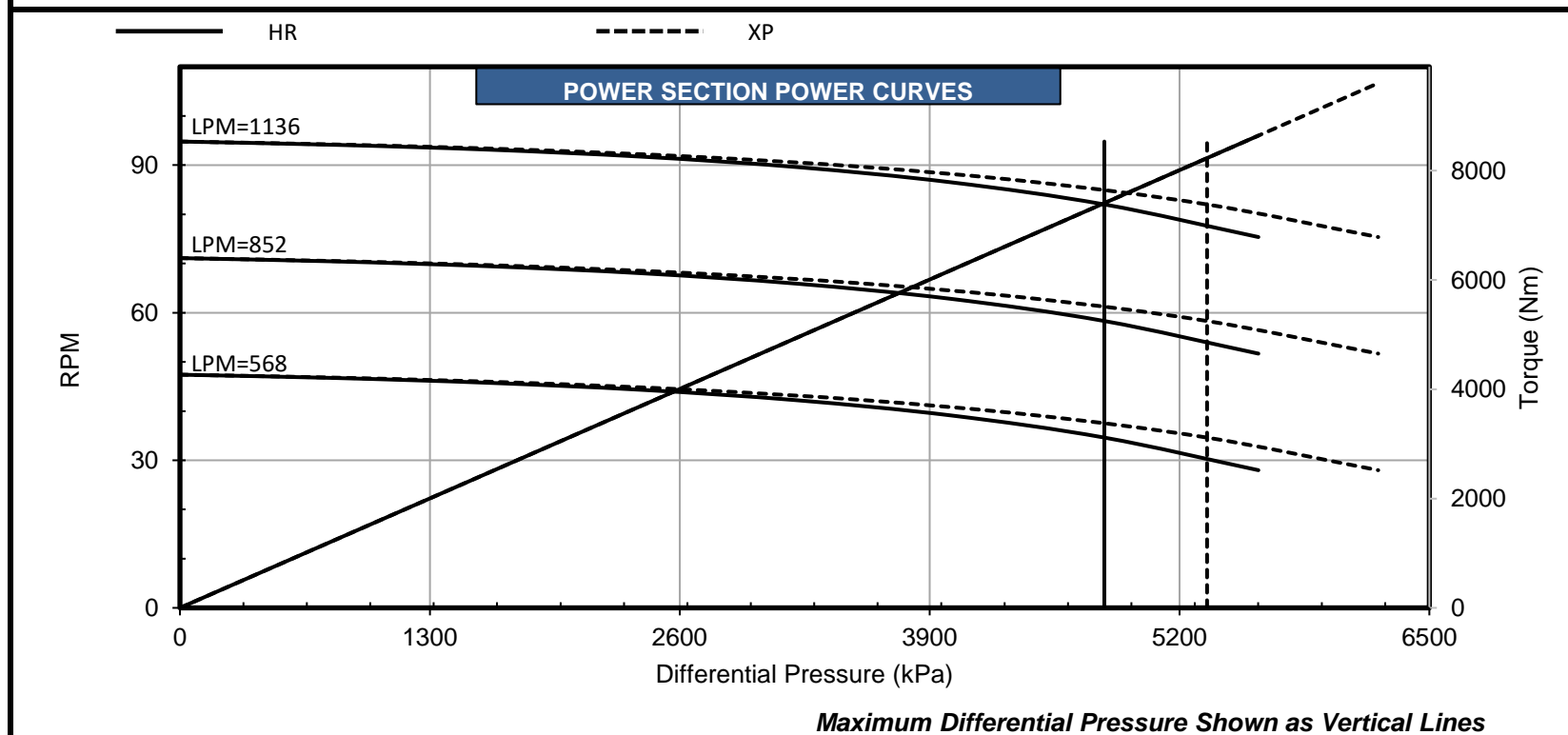
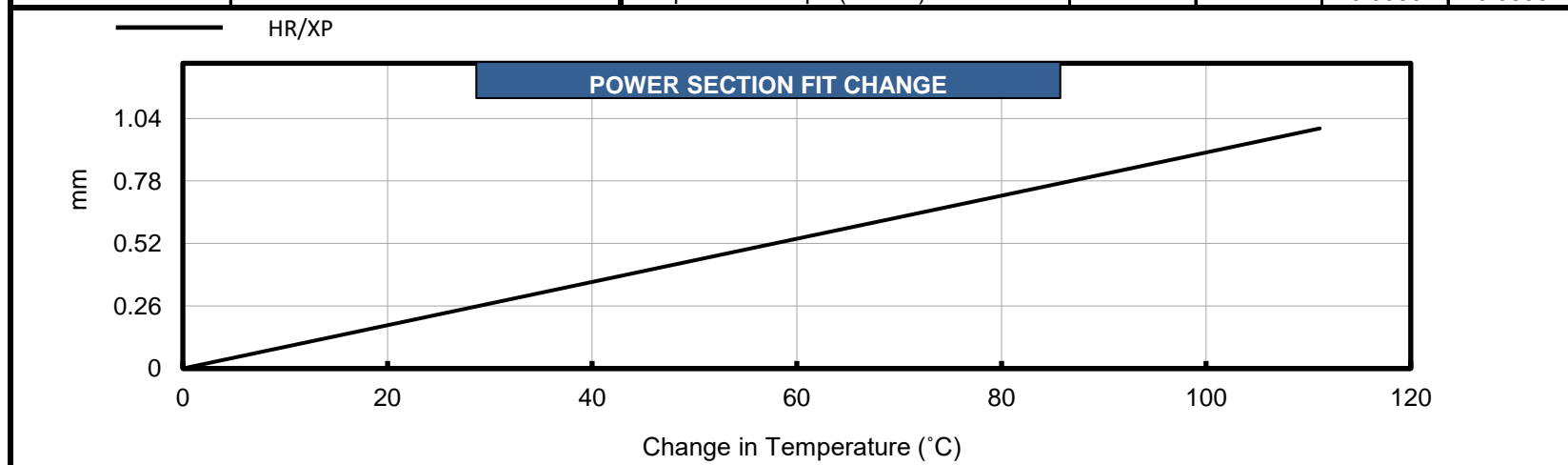
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			68.22	68.22*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			0.05	0.05*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	5816.6	Overall Length	6045.2
Contour Length	5664.2	Rubber Cutback #1**	203.2
Eccentricity	4.27	Rubber Cutback #2**	203.2
Major Diameter	76.81	Tube O.D.	127.0
Head Diameter	69.85	Tube I.D.	95.3
Weight (kg)	168	Weight (kg)	277
Material	17-4SS	Number of Stages	3.1
Thread Form**	2 3/8 Hughes External Flush Mod Flat		

*Pending production measurements

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PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	1.540 Nm/kPa			4826	5378
Flow Range	568 to 1136 Litre/min			7403	8230
RPG	0.083 rev/litre			7239	7998
Speed Range	47 to 95 RPM			11104	12338
Off Bottom Press.	345 kPa			64	71
				1551	1724
				269	303
				0.0090	0.0090



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