

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		3.820*	3.815	3.815*
1 Oversize		3.835*	3.831*	3.831*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		-0.004*	0.001	0.001*
1 Oversize		-0.019*	-0.015*	-0.015*
2 Oversize				

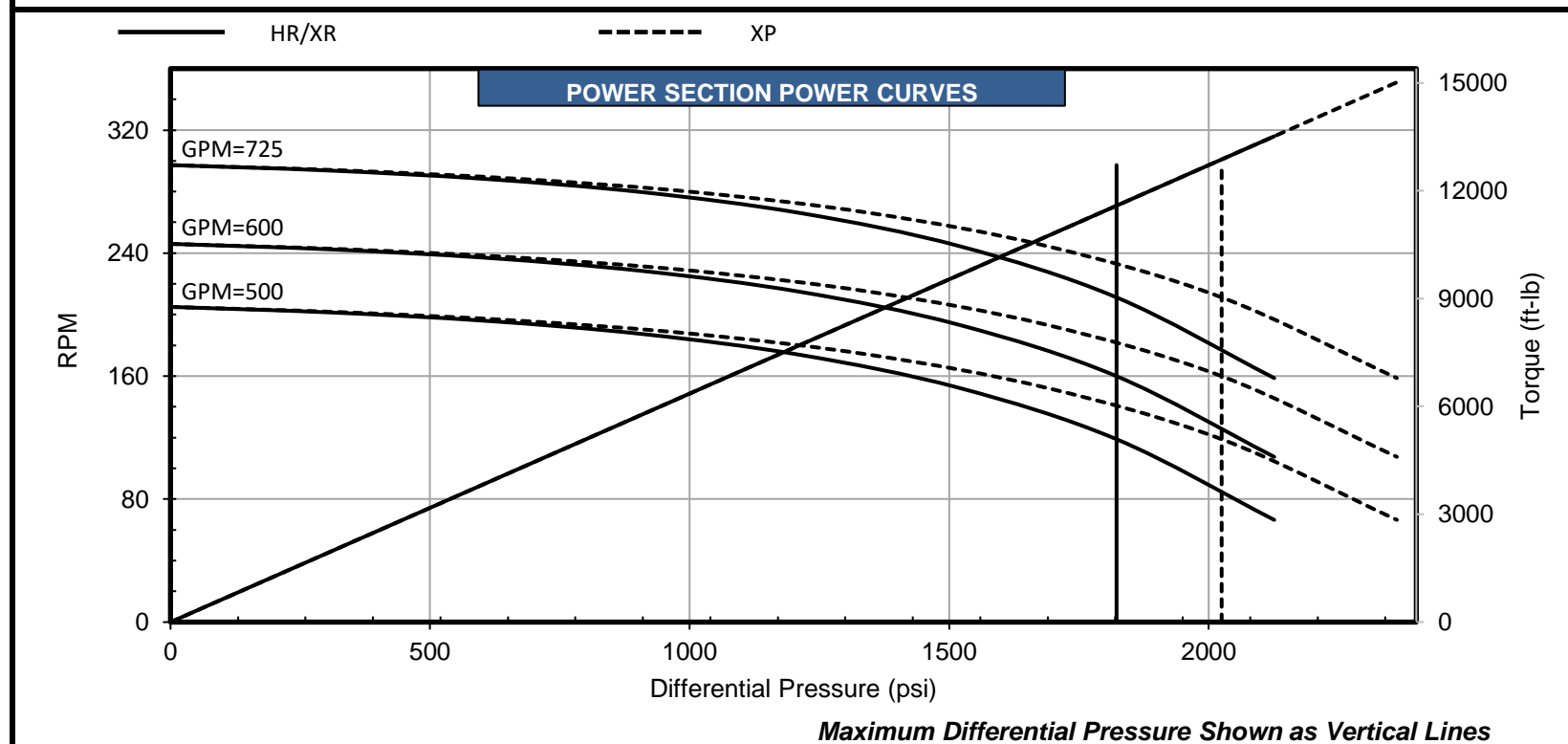
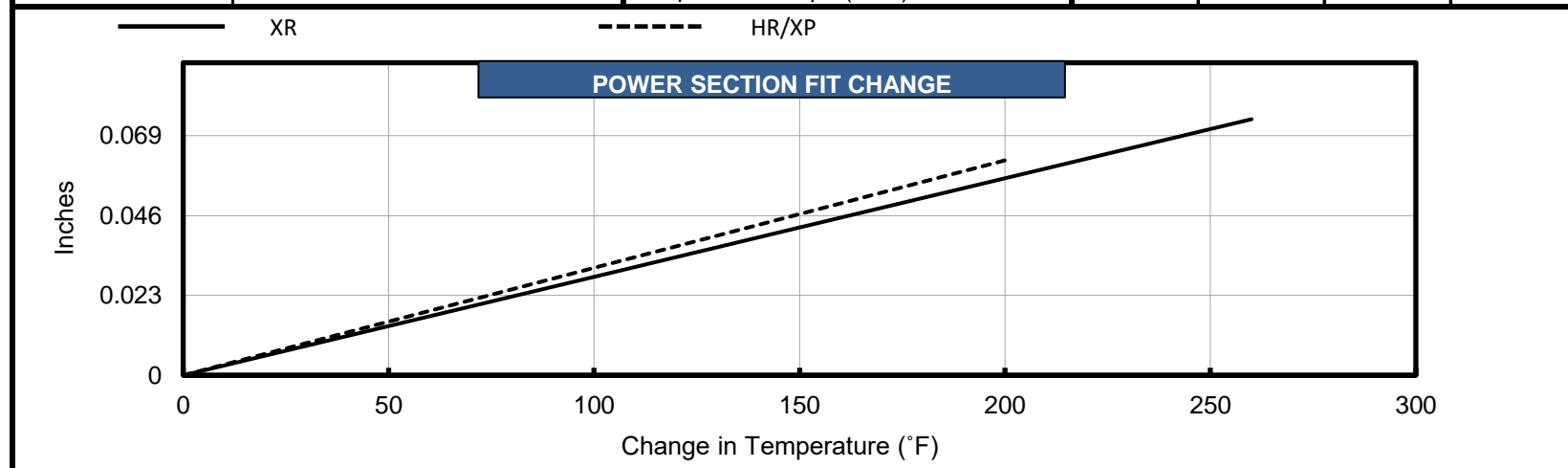
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	253.0	Overall Length (in)	260.0
Contour Length** (in)	246.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.297	Cutback #2** (in)	8.0
Major Diameter (in)	4.409	Tube O.D. (in)	7.00
Weight (lb)	1288	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.000	Weight (lb)	1184
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

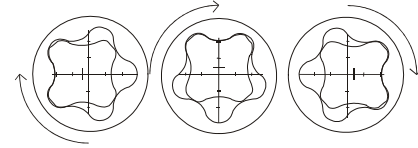
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		NBR-1A	XR	HR	XP	
Torque Slope	6.357 ft-lb/psi		1820	1820	2030	
Flow Range	500 to 725 GPM		11590	11590	12870	
RPG	0.410 rev/gal		2730	2730	3040	
Speed Range	205 to 297 RPM		17380	17380	19310	
Off Bottom Press.	209 psi		466	466	518	
			PSI Per Stage	225	225	250
			PSI Per Cavity	42	42	46
			Temperature Slope (in/°F)	0.000284	0.000310	0.000310



Performance characteristics are estimates based on nominal conditions and are for reference only. Actual performance may be affected by rotor/stator fit, temperature, and other operating conditions. The torque may exceed the capacity of connected components and threads. Operating above the recommended limits of either the power section or connected components may reduce product life and result in damage to the power section and connected components. Data is subject to change without notice.



POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		97.03*	96.90	96.90*
1 Oversize		97.41*	97.31*	97.31*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		-0.10*	0.03	0.03*
1 Oversize		-0.48*	-0.38*	-0.38*
2 Oversize				

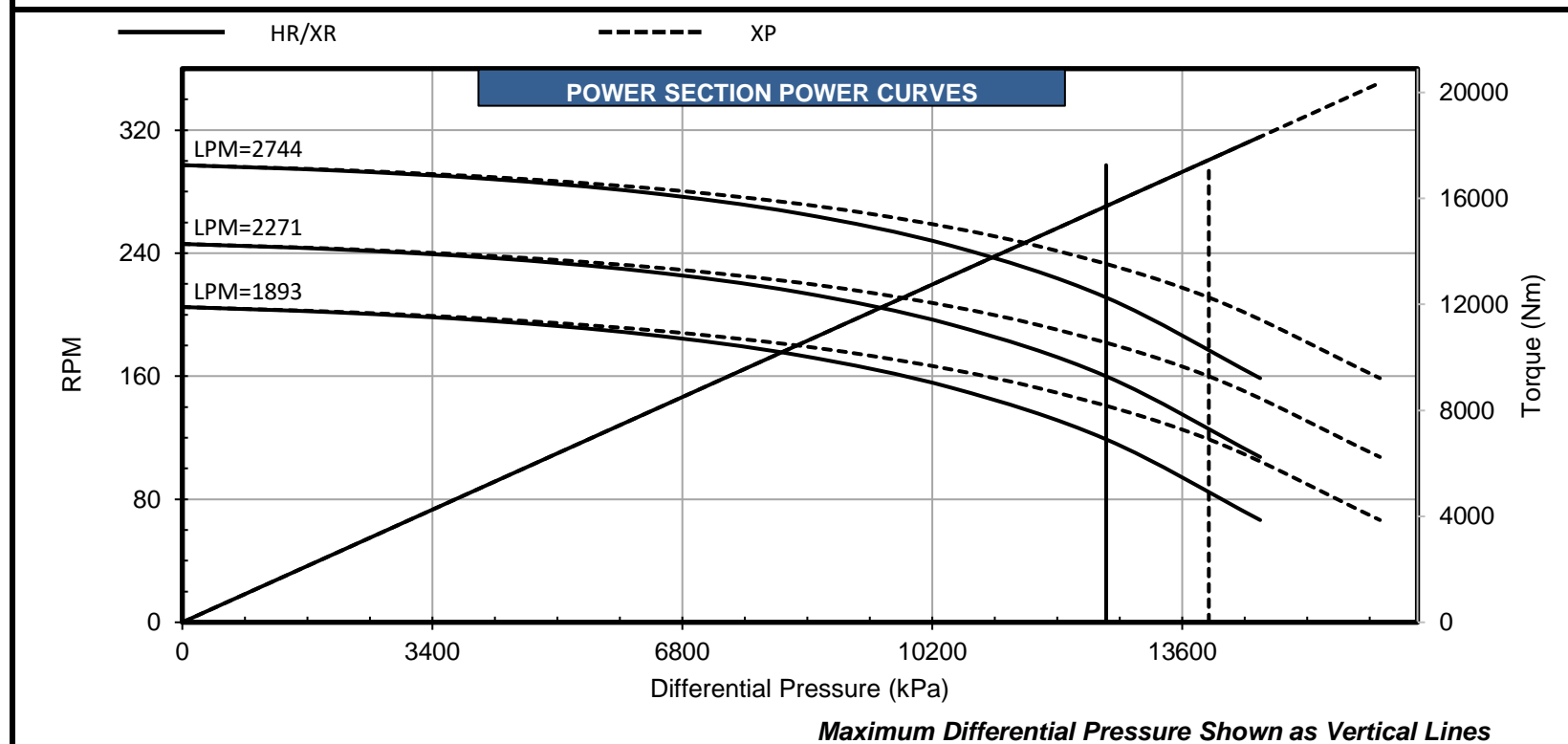
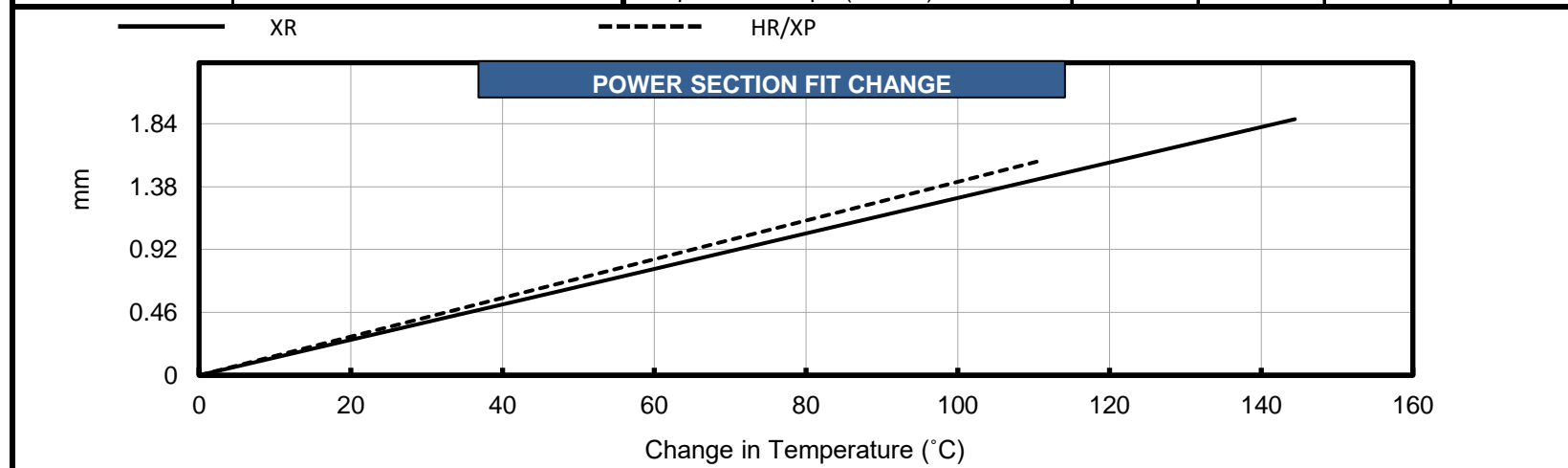
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6426.2	Overall Length (mm)	6604.0
Contour Length** (mm)	6248.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.54	Cutback #2** (mm)	203.2
Major Diameter (mm)	111.99	Tube O.D. (mm)	177.8
Weight (kg)	584	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	101.60	Weight (kg)	537
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

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***Customer specified

PERFORMANCE SPECIFICATIONS						
		NBR-1A	XR	HR	XP	
Torque Slope	1.250 Nm/kPa		12548	12548	13996	
Flow Range	1893 to 2744 Litre/min		15714	15714	17449	
RPG	0.108 rev/litre		18823	18823	20960	
Speed Range	205 to 297 RPM		23564	23564	26181	
Off Bottom Press.	1441 kPa		348	348	386	
			kPa Per Stage	1551	1551	1724
			kPa Per Cavity	290	290	317
			Temperature Slope (mm/°C)	0.0130	0.0142	0.0142



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