



## POWER SECTION

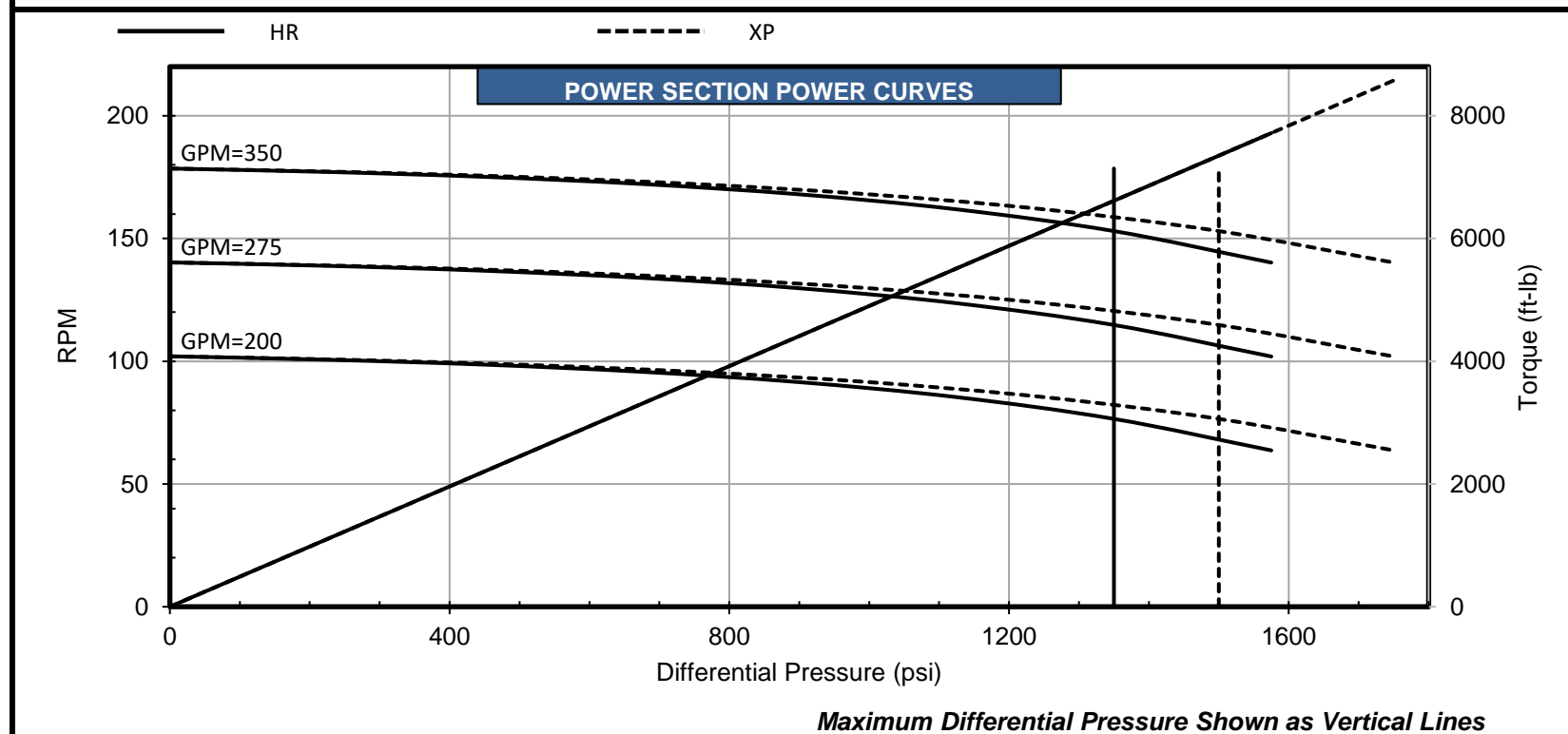
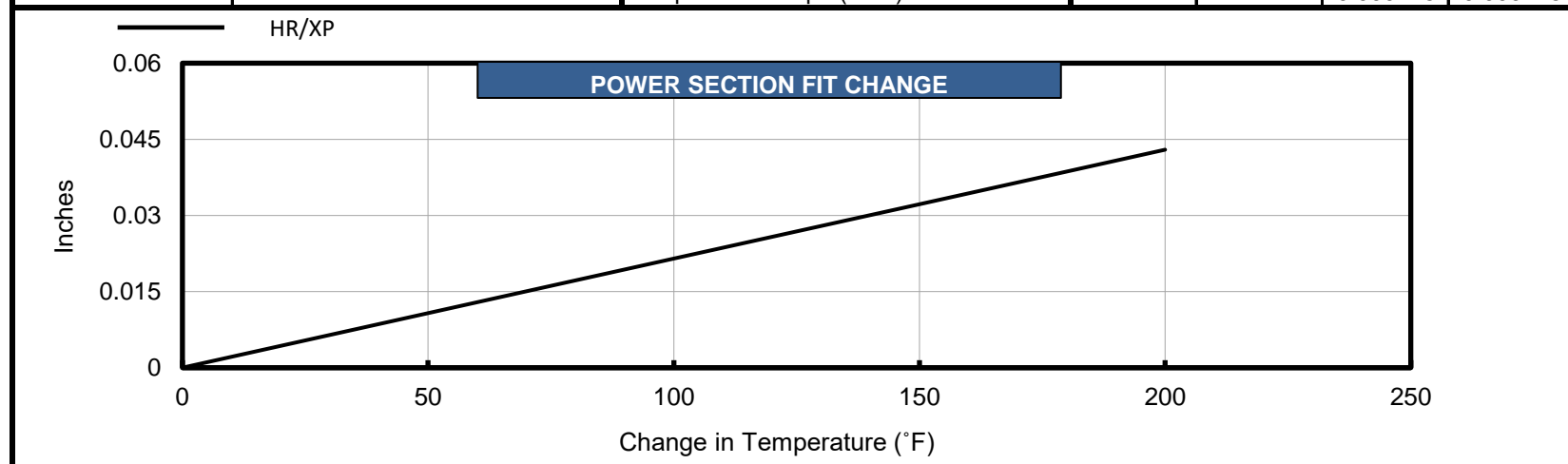
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
0.5 Oversize			2.874	2.874*
1 Oversize			2.882	2.882*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
0.5 Oversize			-0.001	-0.001*
1 Oversize			-0.009	-0.009*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	241.0	Overall Length	250.0
Contour Length	233.2	Rubber Cutback #1**	8.0
Eccentricity	0.163	Rubber Cutback #2**	8.0
Major Diameter	3.199	Tube O.D.	5.00
Head Diameter	3.420	Tube I.D.	4.00
Weight (lb)	354	Weight (lb)	606
Material	17-4SS 145ksi	Number of Stages	6.0
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	4.900 ft-lb/psi	Max. Diff. Press. (psi)			1350	1500
Flow Range	200 to 350 GPM	Max. Torque (ft-lb)			6620	7350
RPG	0.510 rev/gal	Stall Diff. Press. (psi)			2030	2250
Speed Range	102 to 179 RPM	Stall Torque (ft-lb)			9920	11030
Off Bottom Press.	96 psi	Max. Recommended (HP)			193	214
		PSI Per Stage			225	250
		PSI Per Cavity			29	33
		Temperature Slope (in/°F)			0.000215	0.000215



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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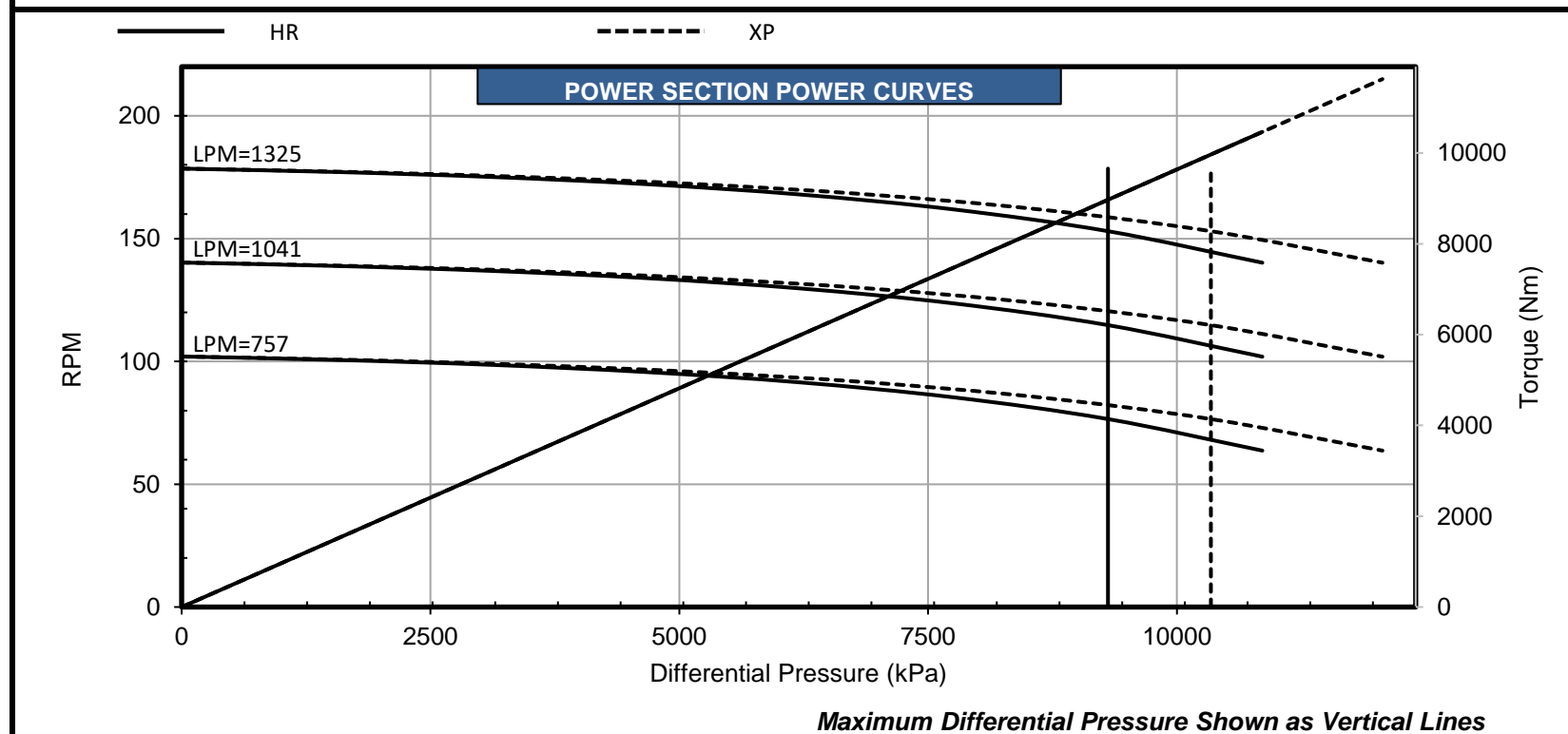
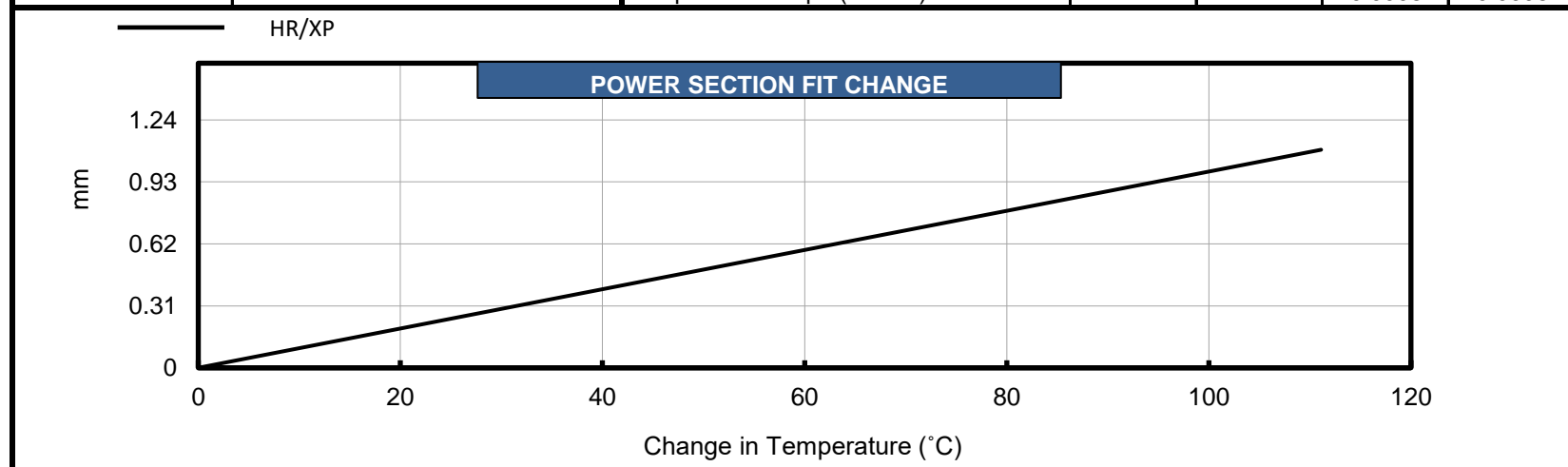
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
0.5 Oversize			73.00	73.00*
1 Oversize			73.20	73.20*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
0.5 Oversize			-0.03	-0.03*
1 Oversize			-0.23	-0.23*
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	6121.4	Overall Length	6350.0
Contour Length	5923.3	Rubber Cutback #1**	203.2
Eccentricity	4.14	Rubber Cutback #2**	203.2
Major Diameter	81.25	Tube O.D.	127.0
Head Diameter	86.87	Tube I.D.	101.6
Weight (kg)	161	Weight (kg)	275
Material	17-4SS 145ksi	Number of Stages	6.0
Thread Form**	1.375-6 SA-2G		

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	0.964 Nm/kPa	Max. Diff. Press. (kPa)			9308	10342
Flow Range	757 to 1325 Litre/min	Max. Torque (Nm)			8976	9965
RPG	0.135 rev/litre	Stall Diff. Press. (kPa)			13996	15513
Speed Range	102 to 179 RPM	Stall Torque (Nm)			13450	14955
Off Bottom Press.	662 kPa	Max. Recommended (kW)			144	160
		kPa Per Stage			1551	1724
		kPa Per Cavity			200	228
		Temperature Slope (mm/°C)			0.0098	0.0098



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