

## POWER SECTION

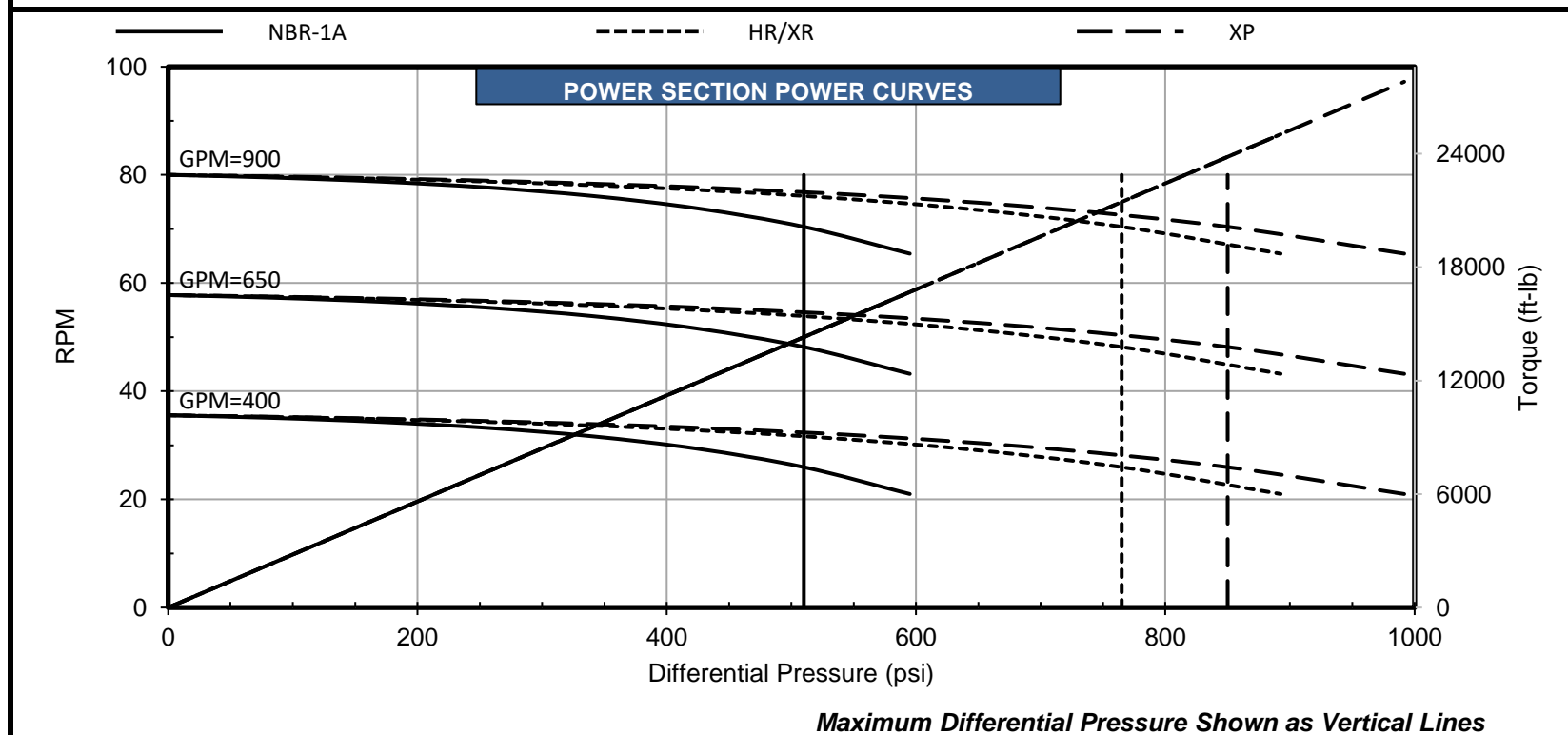
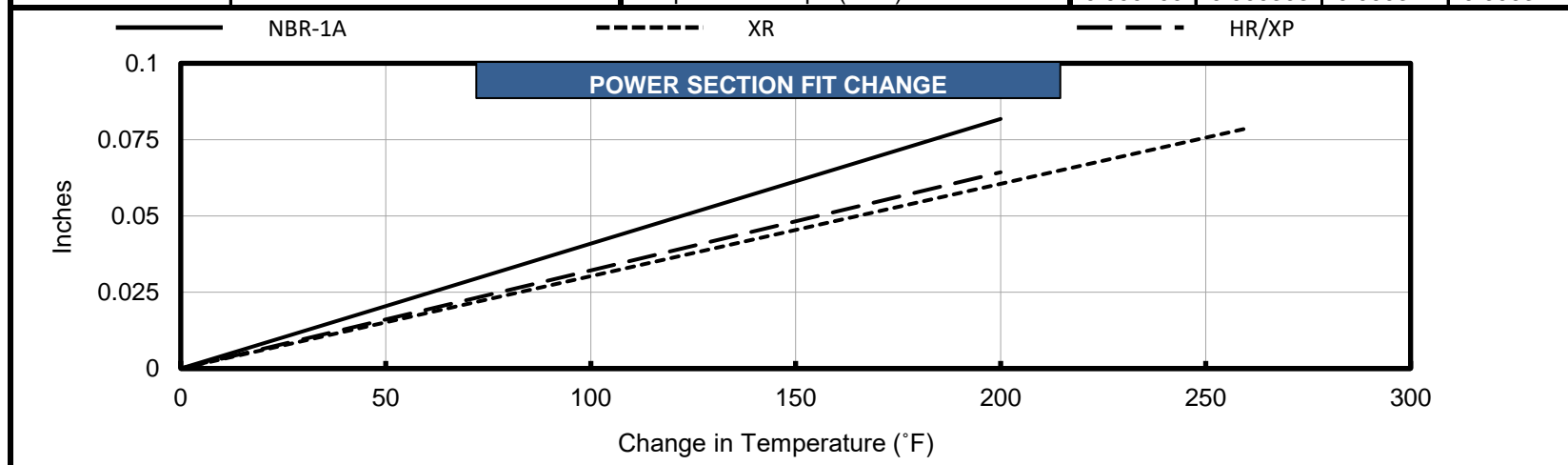
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize		4.717*	4.717	4.717*
Standard	4.727	4.743	4.731	4.731*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize		0.009*	0.009	0.009*
Standard	-0.001	-0.017	-0.005	-0.005*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	293.0	Overall Length	300.0
Contour Length	285.0	Rubber Cutback #1**	8.0
Eccentricity	0.291	Rubber Cutback #2**	8.0
Major Diameter	5.307	Tube O.D.	8.00
Head Diameter	4.750	Tube I.D.	6.25
Weight (lb)	1331	Weight (lb)	1596
Material	17-4SS	Number of Stages	3.4
Thread Form**	3 1/2 API IF		

\*Pending production measurements

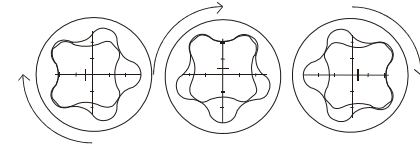
\*\* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS							
			NBR-1A	XR	HR	XP	
Torque Slope	28.040 ft-lb/psi	Max. Diff. Press. (psi)	510	770	770	850	
Flow Range	400 to 900 GPM	Max. Torque (ft-lb)	14300	21450	21450	23830	
RPG	0.089 rev/gal	Stall Diff. Press. (psi)	770	1150	1150	1280	
Speed Range	36 to 80 RPM	Stall Torque (ft-lb)	21450	32180	32180	35750	
Off Bottom Press.	150 psi	Max. Recommended (HP)	192	288	288	320	
		PSI Per Stage	150	225	225	250	
		PSI Per Cavity	25	38	38	42	
		Temperature Slope (in/°F)	0.000409	0.000303	0.000321	0.000321	



Maximum Differential Pressure Shown as Vertical Lines

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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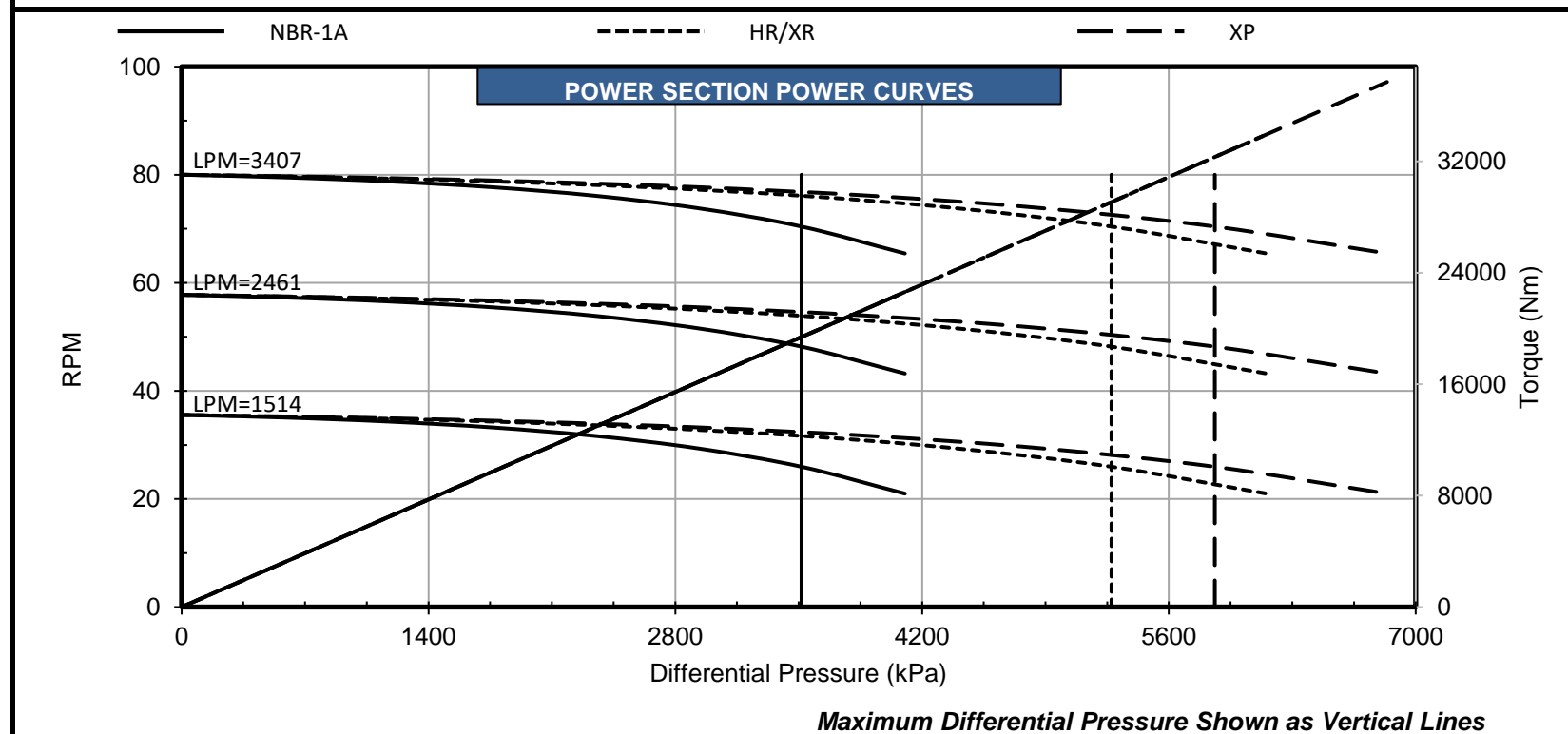
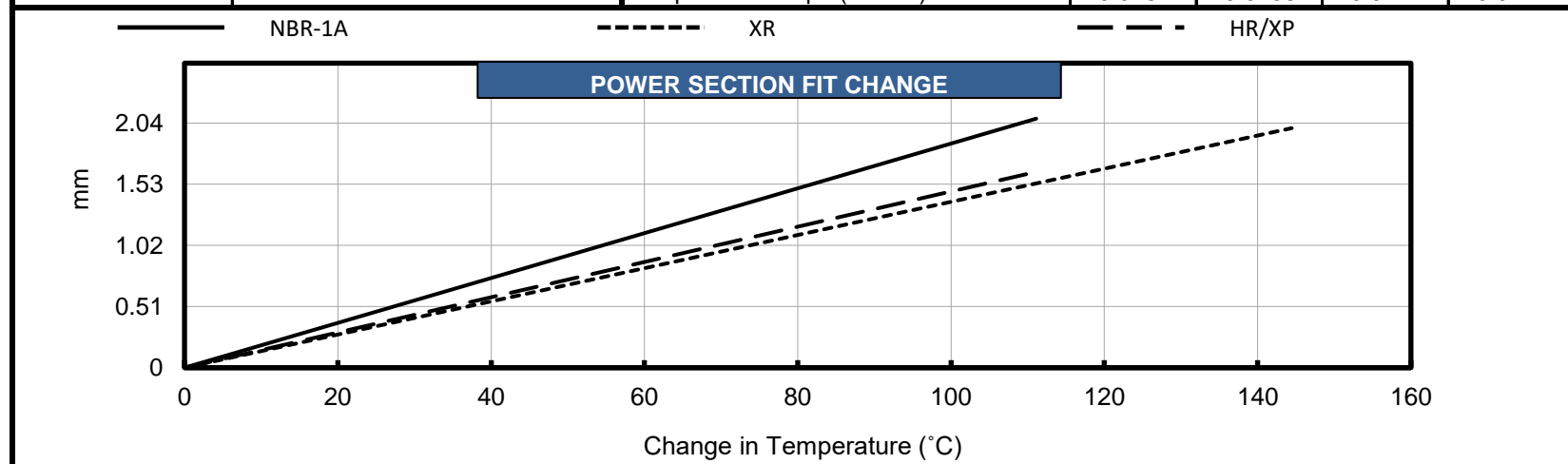
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize		119.81*	119.81	119.81*
Standard	120.07	120.47	120.17	120.17*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize		0.23*	0.23	0.23*
Standard	-0.03	-0.43	-0.13	-0.13*
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	7442.2	Overall Length	7620.0
Contour Length	7239.0	Rubber Cutback #1**	203.2
Eccentricity	7.38	Rubber Cutback #2**	203.2
Major Diameter	134.80	Tube O.D.	203.2
Head Diameter	120.65	Tube I.D.	158.8
Weight (kg)	604	Weight (kg)	724
Material	17-4SS	Number of Stages	3.4
Thread Form**	3 1/2 API IF		

\*Pending production measurements

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PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	5.514 Nm/kPa	Max. Diff. Press. (kPa)	3516	5309	5309	5861
Flow Range	1514 to 3407 Litre/min	Max. Torque (Nm)	19388	29082	29082	32309
RPG	0.023 rev/litre	Stall Diff. Press. (kPa)	5309	7929	7929	8825
Speed Range	36 to 80 RPM	Stall Torque (Nm)	29082	43630	43630	48470
Off Bottom Press.	1034 kPa	Max. Recommended (kW)	143	215	215	238
		kPa Per Stage	1034	1551	1551	1724
		kPa Per Cavity	172	262	262	290
		Temperature Slope (mm/°C)	0.0187	0.0138	0.0147	0.0147



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