



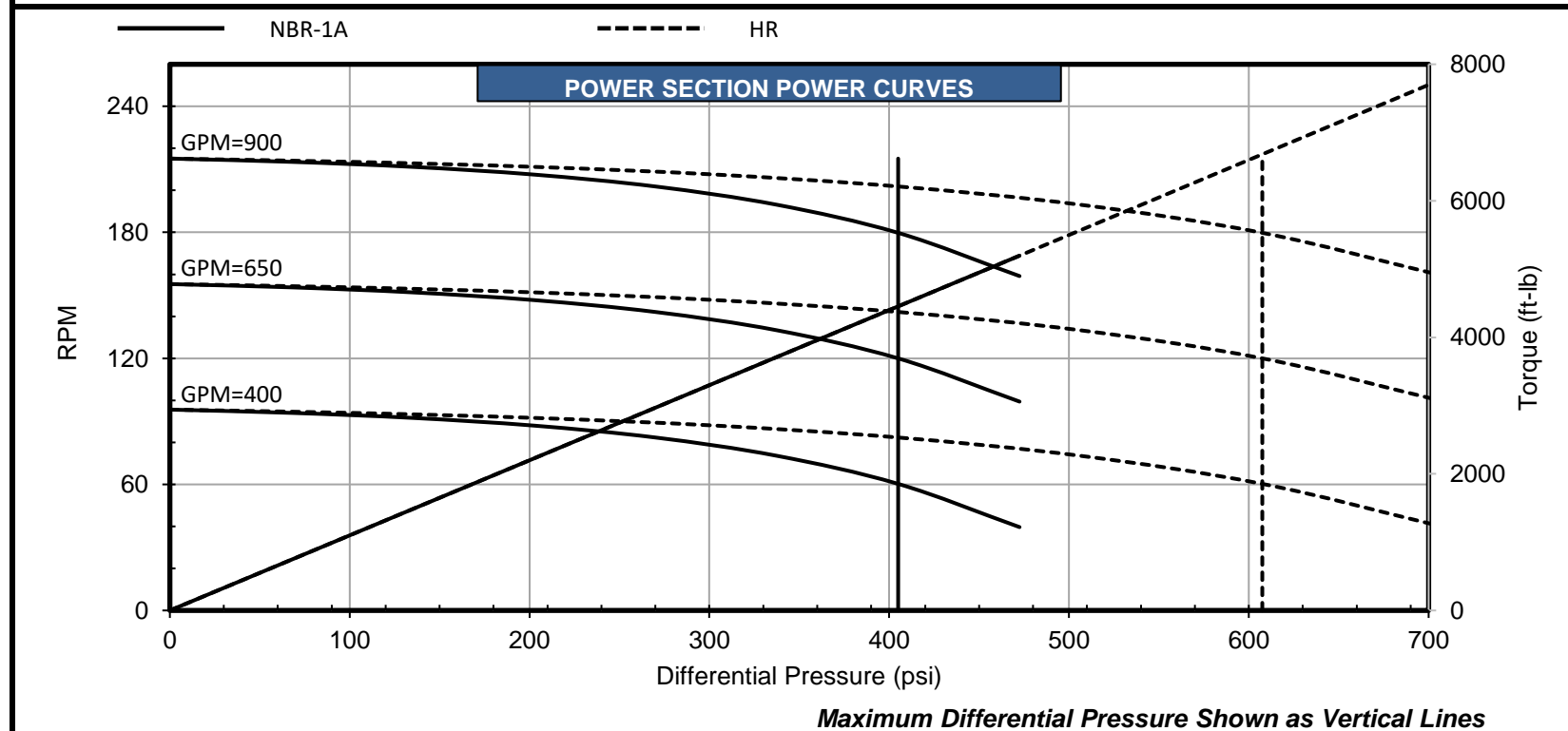
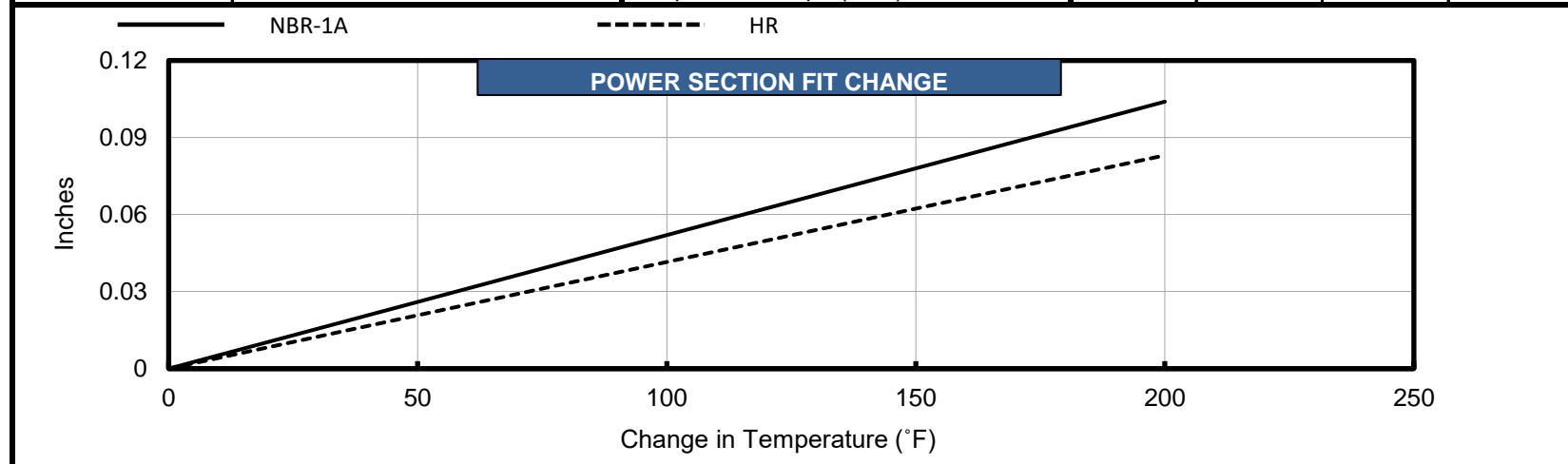
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize			4.280	
Standard	4.300			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize			0.034	
Standard	0.014			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	121.5	Overall Length	129.5
Contour Length	114.0	Rubber Cutback #1**	8.0
Eccentricity	0.418	Rubber Cutback #2**	8.0
Major Diameter	5.149	Tube O.D.	8.00
Head Diameter	4.750	Tube I.D.	6.50
Weight (lb)	400	Weight (lb)	860
Material	17-4SS	Number of Stages	2.7
Thread Form**	3 1/2 API IF		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	10.998 ft-lb/psi	Max. Diff. Press. (psi)	410		610	
Flow Range	400 to 900 GPM	Max. Torque (ft-lb)	4450		6680	
RPG	0.239 rev/gal	Stall Diff. Press. (psi)	610		910	
Speed Range	96 to 215 RPM	Stall Torque (ft-lb)	6680		10020	
Off Bottom Press.	166 psi	Max. Recommended (HP)	152		229	
		PSI Per Stage	150		225	
		PSI Per Cavity	43		64	
		Temperature Slope (in/°F)	0.000520		0.000415	



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.



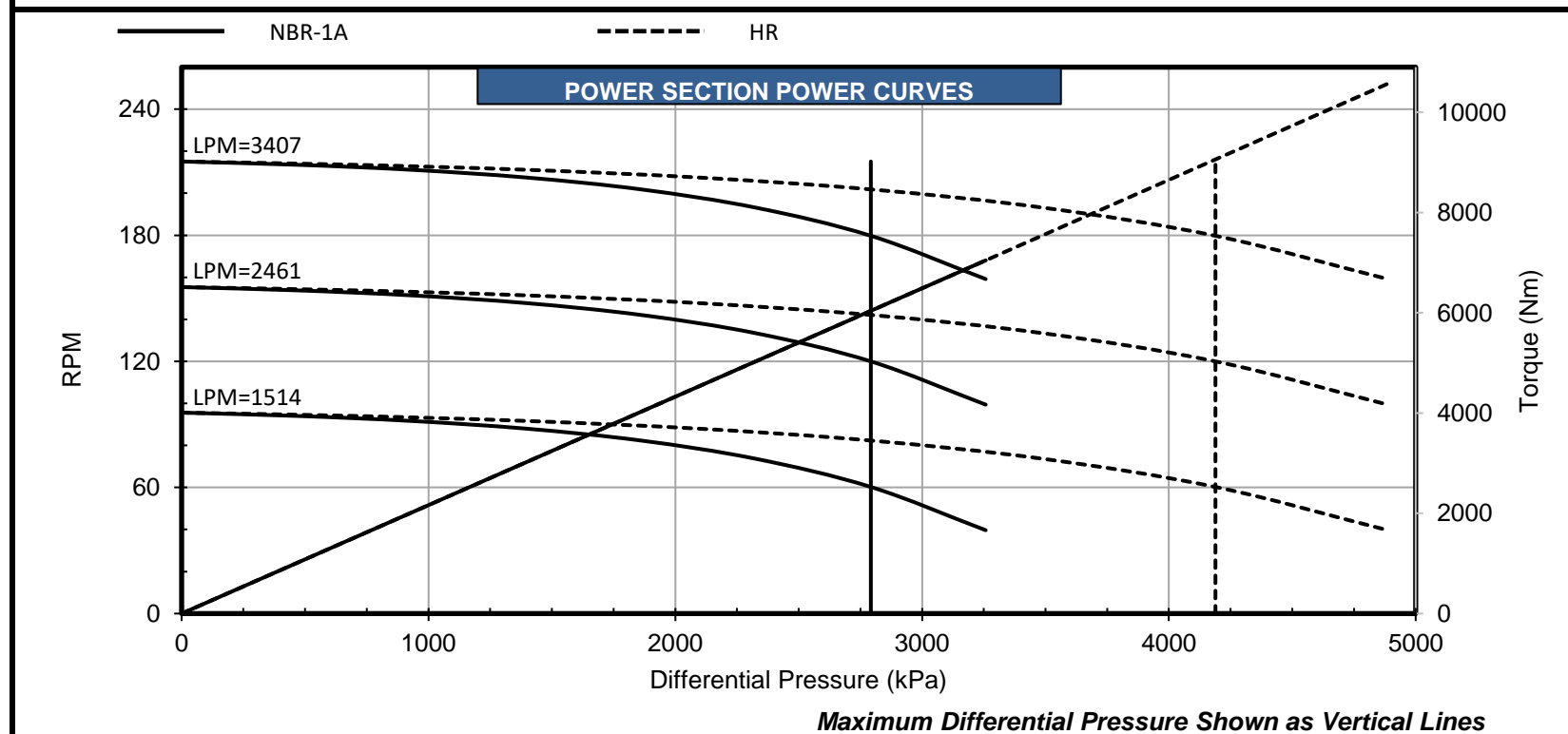
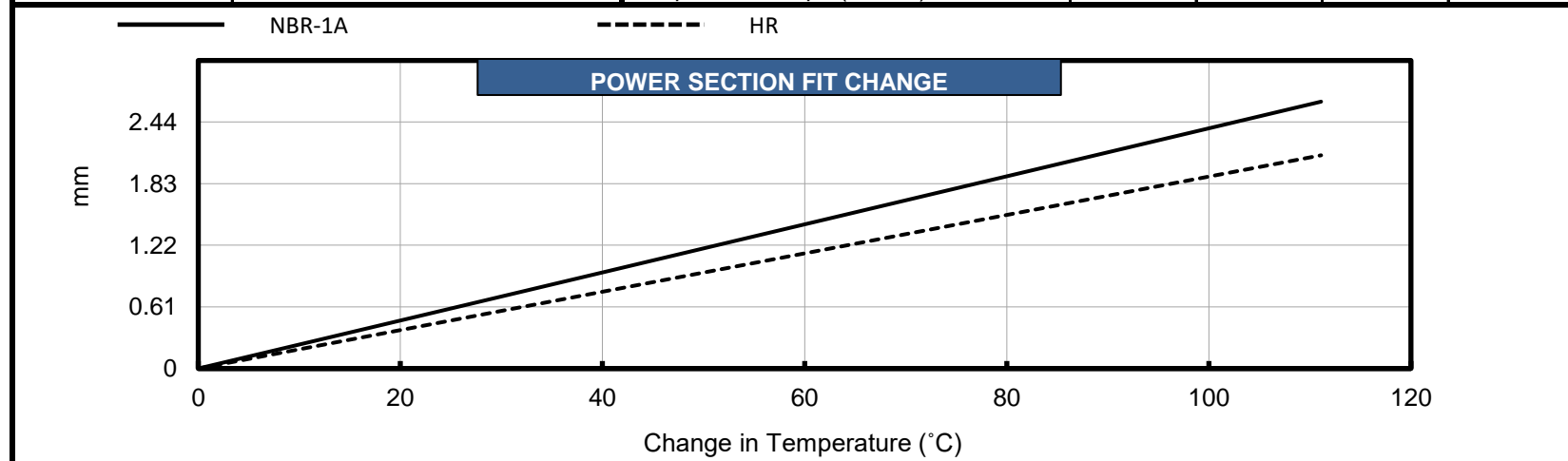
POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize			108.71	
Standard	109.22			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize			0.86	
Standard	0.36			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	3086.1	Overall Length	3289.3
Contour Length	2895.6	Rubber Cutback #1**	203.2
Eccentricity	10.60	Rubber Cutback #2**	203.2
Major Diameter	130.78	Tube O.D.	203.2
Head Diameter	120.65	Tube I.D.	165.1
Weight (kg)	181	Weight (kg)	390
Material	17-4SS	Number of Stages	2.7
Thread Form**	3 1/2 API IF		

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

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	2.163 Nm/kPa	Max. Diff. Press. (kPa)	2827		4206	
Flow Range	1514 to 3407 Litre/min	Max. Torque (Nm)	6033		9057	
RPG	0.063 rev/litre	Stall Diff. Press. (kPa)	4206		6274	
Speed Range	96 to 215 RPM	Stall Torque (Nm)	9057		13585	
Off Bottom Press.	1145 kPa	Max. Recommended (kW)	114		171	
		kPa Per Stage	1034		1551	
		kPa Per Cavity	296		441	
		Temperature Slope (mm/°C)	0.0238		0.0190	



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.