

POWER SECTION

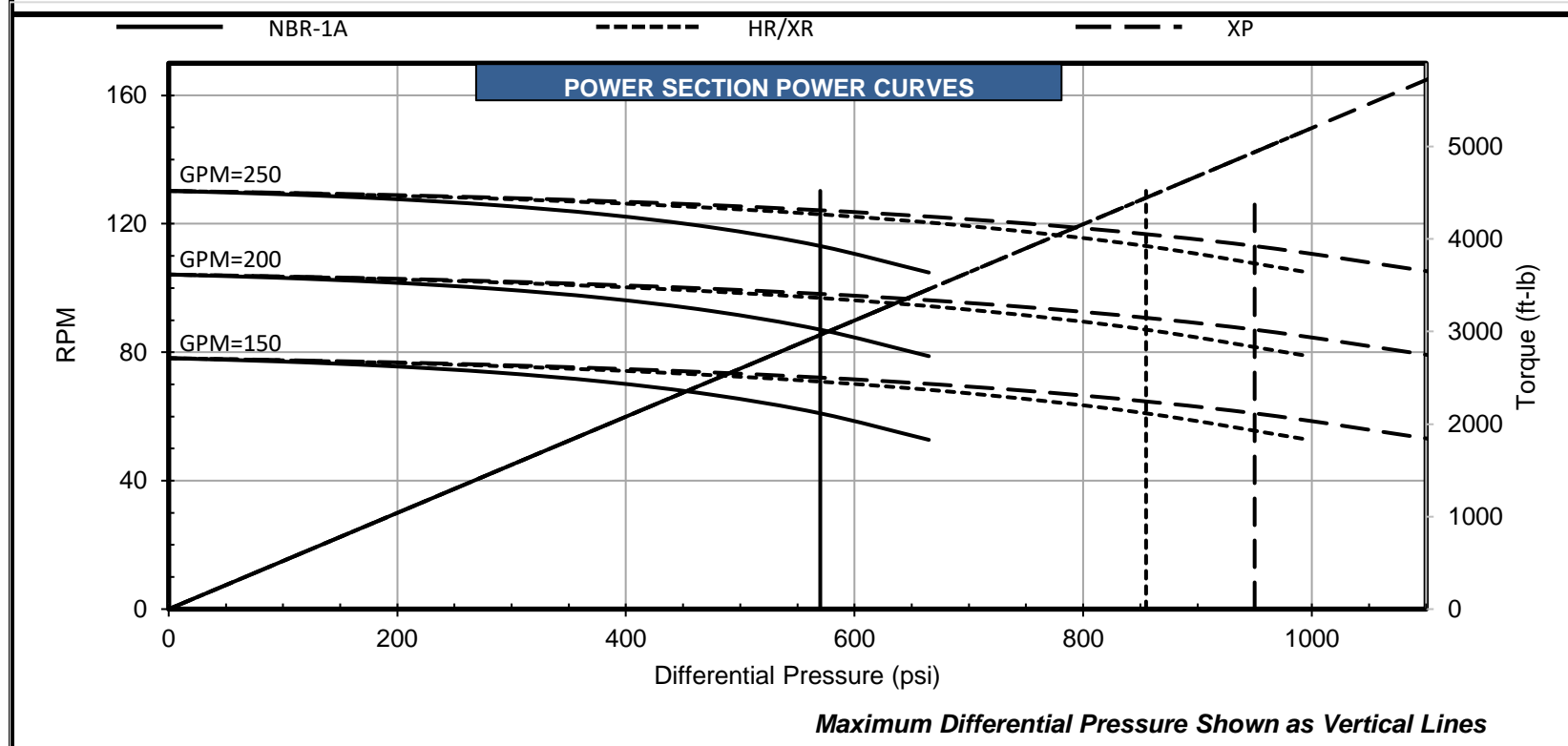
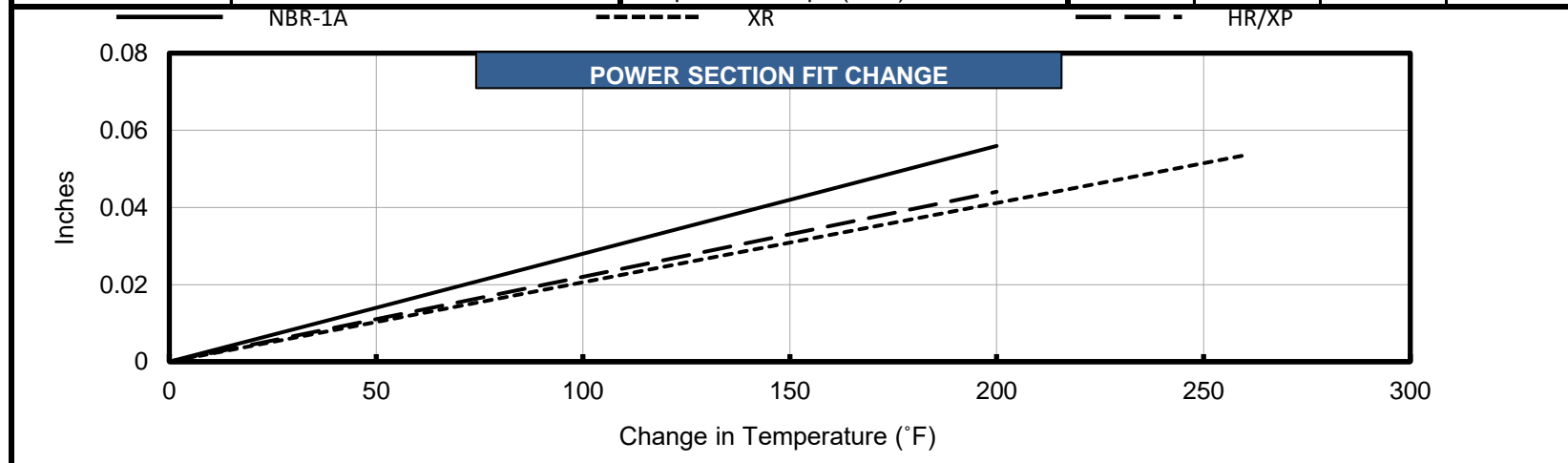
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize			2.596	
Standard	2.606	2.620	2.610	2.610*
1 Oversize	2.622	2.634	2.624	
2 Oversize	2.638	2.651*	2.651	
3 Oversize	2.663			
Nominal Fit at 75°F				
1 Undersize			0.023	
Standard	0.013	-0.001	0.009	0.009*
1 Oversize	-0.003	-0.015	-0.005	
2 Oversize	-0.019	-0.032*	-0.032	
3 Oversize	-0.044			

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	178.0	Overall Length	187.0
Contour Length	172.3	Rubber Cutback #1*	8.0
Eccentricity	0.163	Rubber Cutback #2*	8.0
Major Diameter	2.945	Tube O.D.	4.75
Head Diameter	2.750	Tube I.D.	3.75
Weight (lb)	240	Weight (lb)	384
Material	17-4SS	Number of Stages	3.8
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	5.200 ft-lb/psi	Max. Diff. Press. (psi)	570	860	860	950
Flow Range	150 to 250 GPM	Max. Torque (ft-lb)	2960	4450	4450	4940
RPG	0.521 rev/gal	Stall Diff. Press. (psi)	860	1280	1280	1430
Speed Range	78 to 130 RPM	Stall Torque (ft-lb)	4450	6670	6670	7410
Off Bottom Press.	71 psi	Max. Recommended (HP)	64	96	96	106
		PSI Per Stage	150	225	225	250
		PSI Per Cavity	24	37	37	41
		Temperature Slope (in/°F)	0.000280	0.000206	0.000220	0.000220



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.