

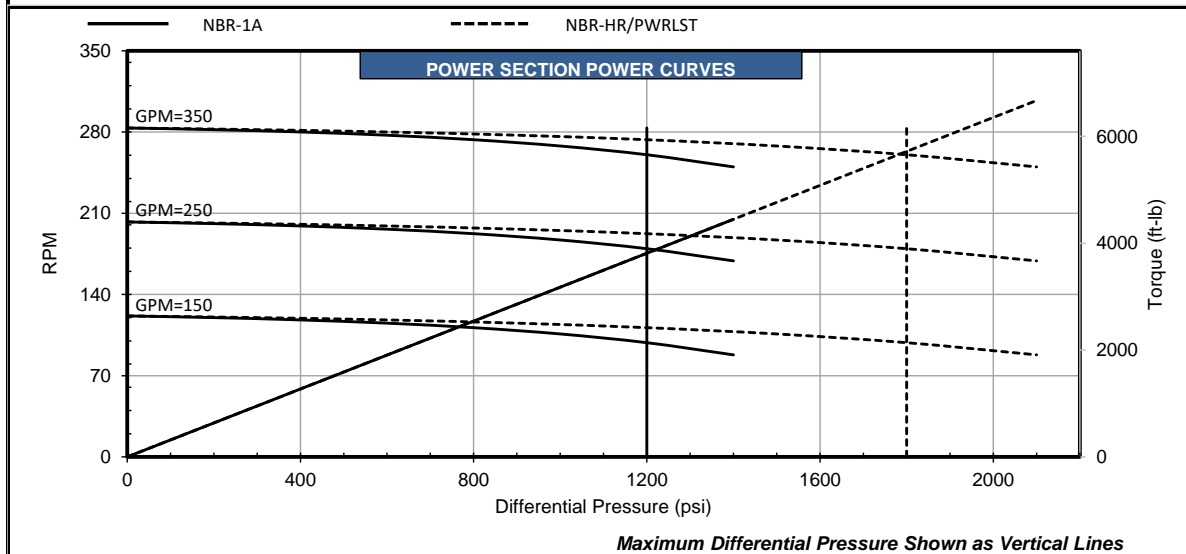
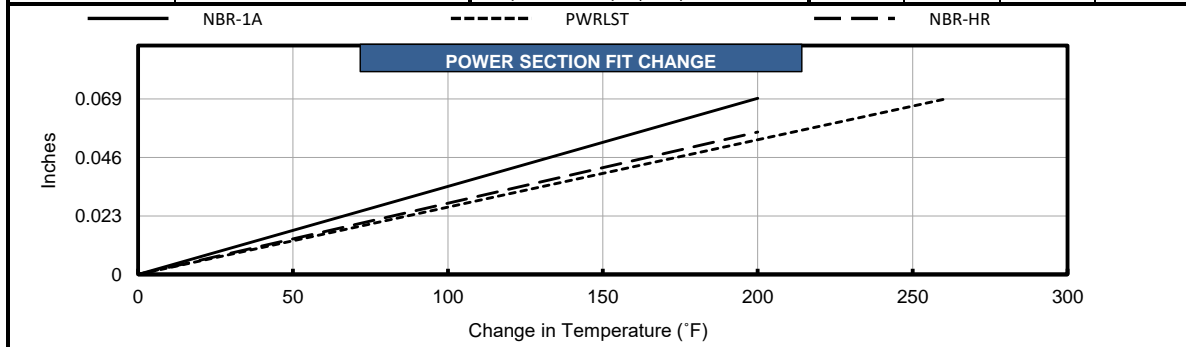
POWER SECTION

FIT INFORMATION (MINOR DIAMETER)				
	NBR-1A	PWRLST	NBR-HR	NED 2
Stator Size	(in)	(in)	(in)	(in)
Standard		2.619	2.619	
1 Oversize	2.640	2.635	2.635	
2 Oversize		2.657	2.651	
3 Oversize			2.655	
Nominal Fit at 75°F				
Standard		0.016	0.016	
1 Oversize	-0.005	0.000	0.000	
2 Oversize		-0.022	-0.016	
3 Oversize			-0.020	

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	233.5	Overall Length	246.0
Contour Length	226.8	Rubber Cutback #1*	7.5
Eccentricity	0.192	Rubber Cutback #2*	7.5
Major Diameter	3.018	Tube O.D.	5.00
Head Diameter	2.750	Tube I.D.	4.00
Weight (lb)	357	Weight (lb)	542
Material	17-4SS	Number of Stages	8.0
Thread Form*	2 3/8 Hughes External Flush Mod Flat		

* Alternate or custom thread forms and cutbacks are available

PERFORMANCE SPECIFICATIONS						
			NBR-1A	PWRLST	NBR-HR	NED 2
Torque Slope	3.176 ft-lb/psi	Max. Diff. Press. (psi)	1200	1800	1800	
Flow Range	150 to 350 GPM	Max. Torque (ft-lb)	3810	5720	5720	
RPG	0.810 rev/gal	Stall Diff. Press. (psi)	1800	2700	2700	
Speed Range	122 to 284 RPM	Stall Torque (ft-lb)	5720	8580	8580	
Off Bottom Press.	133 psi	Max. Recommended (HP)	189	284	284	
		PSI Per Stage	150	225	225	
		PSI Per Cavity	24	36	36	
		Temperature Slope (in/F)	0.000346	0.000265	0.000280	



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.