

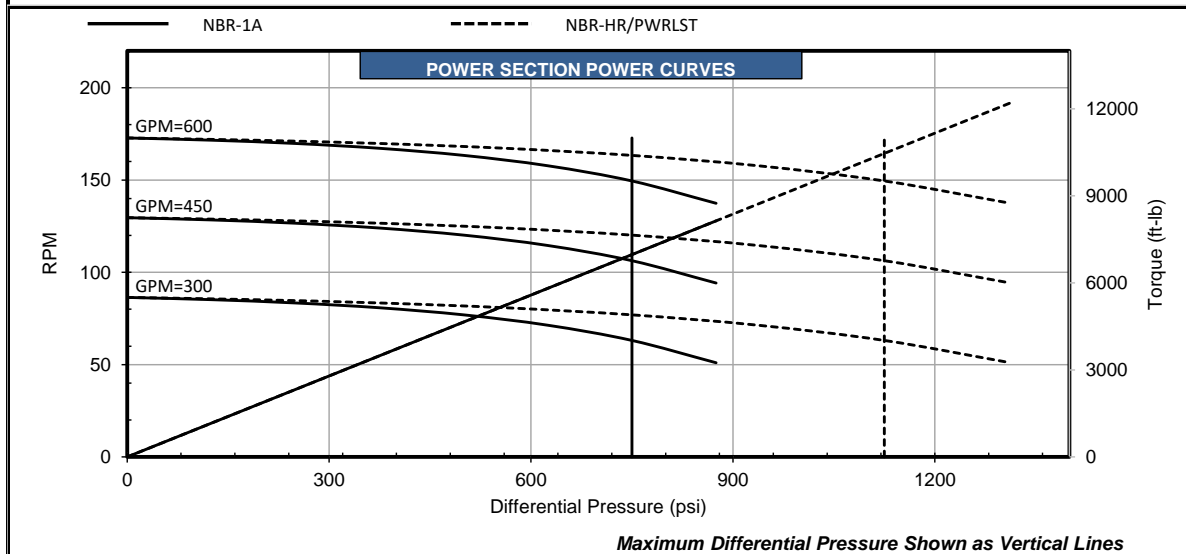
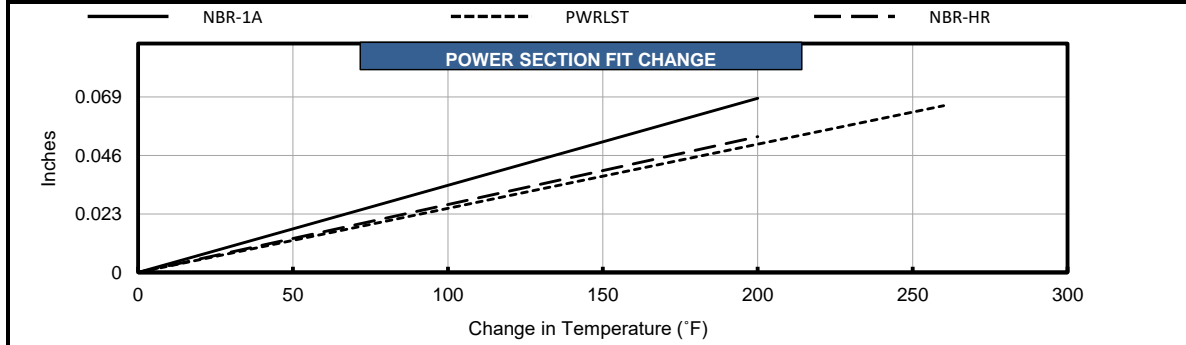
POWER SECTION

FIT INFORMATION (MINOR DIAMETER)				
	NBR-1A	PWRLST	NBR-HR	NED 2
Stator Size	(in)	(in)	(in)	(in)
1 Undersize			3.978	
Standard	3.981	3.998	3.995	
1 Oversize	4.003		4.012	
2 Oversize			4.028	
Nominal Fit at 75°F				
1 Undersize			0.030	
Standard	0.027	0.010	0.013	
1 Oversize	0.005		-0.004	
2 Oversize			-0.020	

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	188.0	Overall Length	194.5
Contour Length	181.0	Rubber Cutback #1*	7.3
Eccentricity	0.256	Rubber Cutback #2*	7.3
Major Diameter	4.520	Tube O.D.	6.50
Head Diameter	4.000	Tube I.D.	5.50
Weight (lb)	620	Weight (lb)	603
Material	17-4SS	Number of Stages	5.0
Thread Form*	2 7/8 API REG		

* Alternate or custom thread forms and cutbacks are available

PERFORMANCE SPECIFICATIONS						
			NBR-1A	PWRLST	NBR-HR	NED 2
Torque Slope	9.300 ft-lb/psi	Max. Diff. Press. (psi)	750	1130	1130	
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	6980	10460	10460	
RPG	0.288 rev/gal	Stall Diff. Press. (psi)	1130	1690	1690	
Speed Range	86 to 173 RPM	Stall Torque (ft-lb)	10460	15690	15690	
Off Bottom Press.	143 psi	Max. Recommended (HP)	199	298	298	
		PSI Per Stage	150	225	225	
		PSI Per Cavity	23	34	34	
		Temperature Slope (in/°F)	0.000342	0.000252	0.000267	



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.