

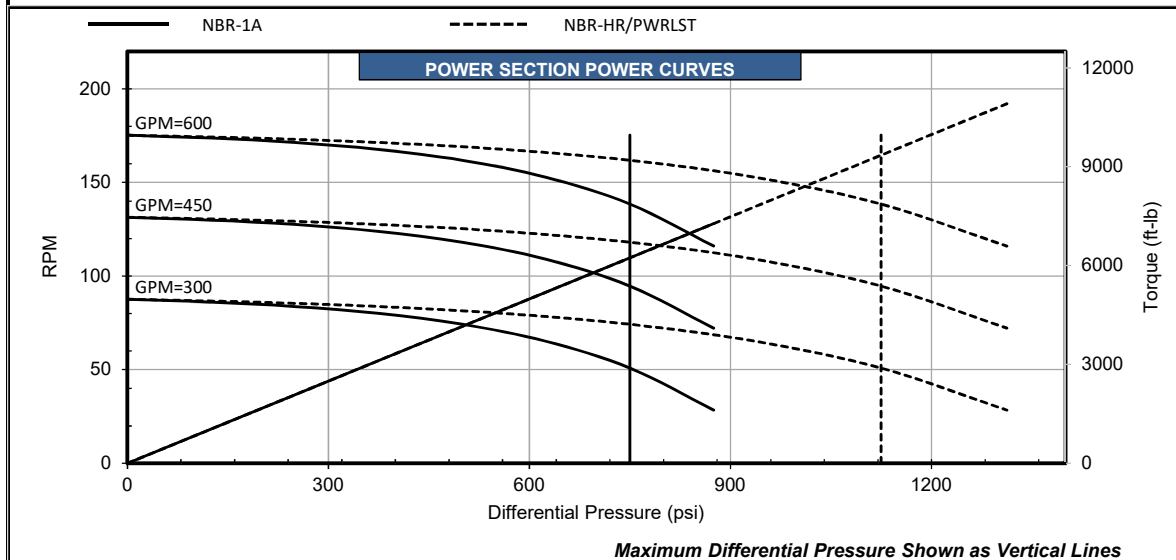
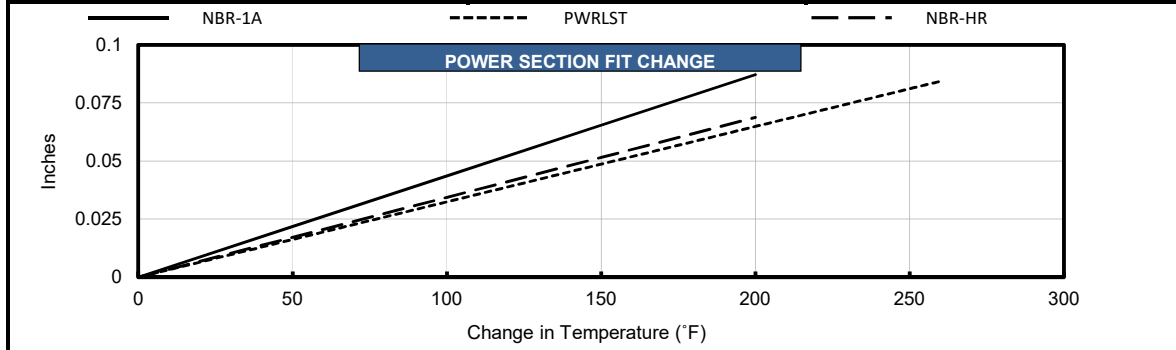
POWER SECTION

FIT INFORMATION (MINOR DIAMETER)				
	NBR-1A	PWRLST	NBR-HR	NED 2
Stator Size	(in)	(in)	(in)	(in)
1 Undersize			3.712	
Standard	3.738	3.745	3.744	
1 Oversize	3.759		3.750	
2 Oversize			3.770	
Nominal Fit at 75°F				
1 Undersize			0.027	
Standard	0.001	-0.006	-0.005	
1 Oversize	-0.020		-0.011	
2 Oversize			-0.031	

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	194.0	Overall Length	200.0
Contour Length	188.0	Rubber Cutback #1*	7.3
Eccentricity	0.288	Rubber Cutback #2*	7.3
Major Diameter	4.316	Tube O.D.	6.75
Head Diameter	4.000	Tube I.D.	5.50
Weight (lb)	521	Weight (lb)	755
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	8.313 ft-lb/psi	Max. Diff. Press. (psi)	750	1130
Flow Range	300 to 600 GPM	Max. Torque (ft-lb)	6230	9350
RPG	0.292 rev/gal	Stall Diff. Press. (psi)	1130	1690
Speed Range	88 to 175 RPM	Stall Torque (ft-lb)	9350	14030
Off Bottom Press.	137 psi	Max. Recommended (HP)	164	246
		PSI Per Stage	150	225
		PSI Per Cavity	26	39
		Temperature Slope (in/°F)	0.000436	0.000324
			0.000344	



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.