

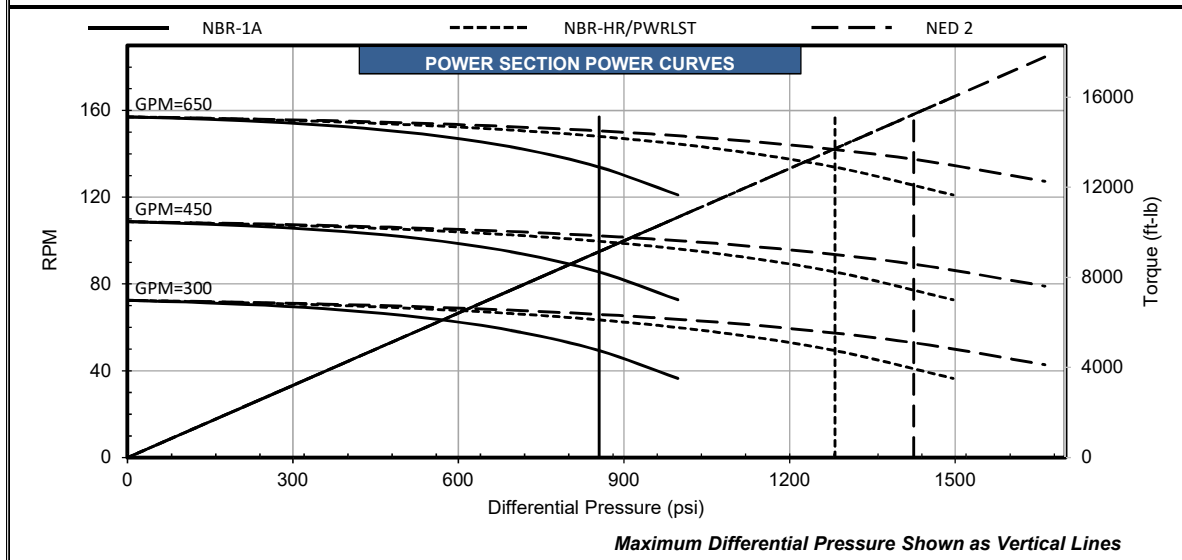
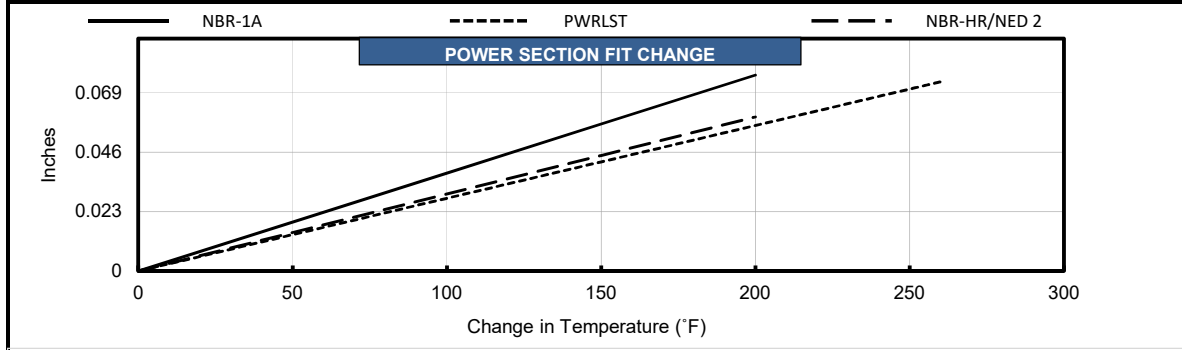
POWER SECTION

FIT INFORMATION (MINOR DIAMETER)				
	NBR-1A	PWRLST	NBR-HR	NED 2
Stator Size	(in)	(in)	(in)	(in)
1 Undersize			4.138	
0.5 Undersize			4.154	
Standard	4.147	4.158	4.158	4.138
1 Oversize	4.180	4.166	4.166	4.158
2 Oversize				4.166
Nominal Fit at 75°F				
1 Undersize			0.013	
0.5 Undersize			-0.003	
Standard	0.004	-0.007	-0.007	0.013
1 Oversize	-0.029	-0.015	-0.015	-0.007
2 Oversize				-0.015

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	252.0	Overall Length	260.0
Contour Length	245.0	Rubber Cutback #1*	8.0
Eccentricity	0.247	Rubber Cutback #2*	8.0
Major Diameter	4.644	Tube O.D.	6.75
Head Diameter	4.500	Tube I.D.	5.50
Weight (lb)	883	Weight (lb)	827
Material	17-4SS	Number of Stages	5.7
Thread Form*	7/8 API REG OR 2 7/8 AP		

* Alternate or custom thread forms and cutbacks are available

PERFORMANCE SPECIFICATIONS							
			NBR-1A	PWRLST	NBR-HR	NED 2	
Torque Slope	10.698 ft-lb/psi	Max. Diff. Press. (psi)	860	1280	1280	1430	
Flow Range	300 to 650 GPM	Max. Torque (ft-lb)	9150	13720	13720	15240	
RPG	0.242 rev/gal	Stall Diff. Press. (psi)	1280	1920	1920	2140	
Speed Range	73 to 157 RPM	Stall Torque (ft-lb)	13720	20580	20580	22870	
Off Bottom Press.	111 psi	Max. Recommended (HP)	233	350	350	399	
		PSI Per Stage	150	225	225	250	
		PSI Per Cavity	22	33	33	37	
		Temperature Slope (in/°F)	0.000380	0.000282	0.000298	0.000298	



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.