

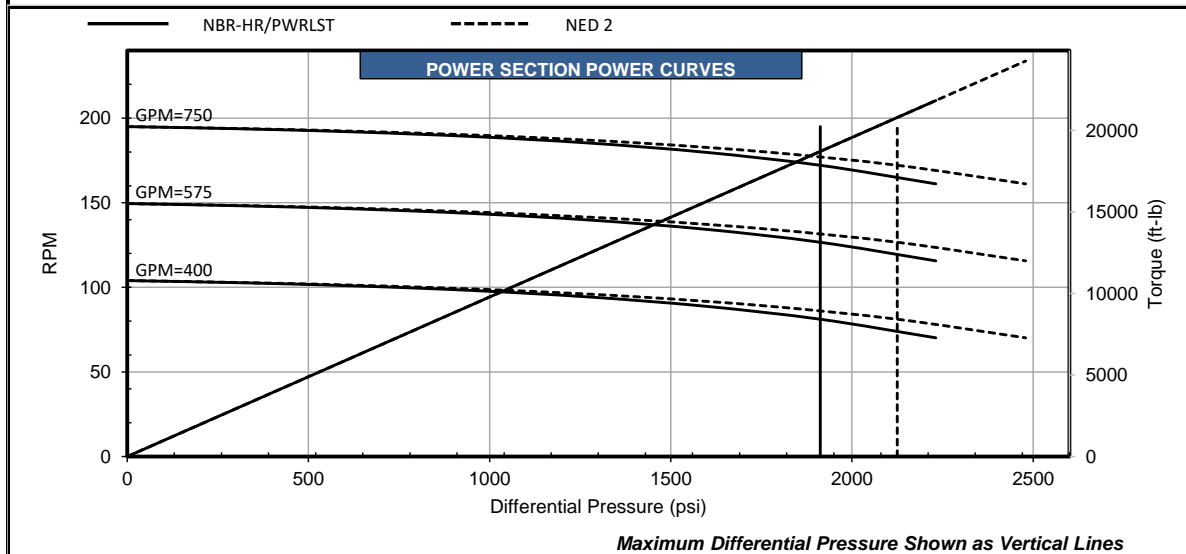
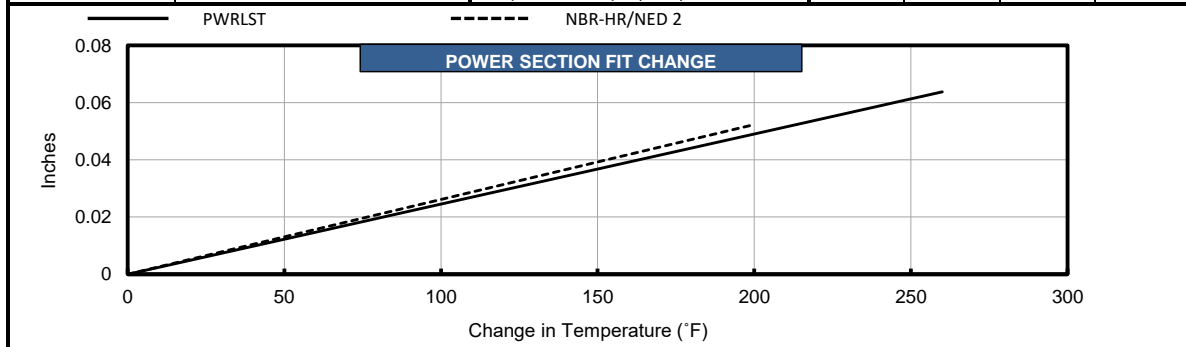
POWER SECTION

FIT INFORMATION (MINOR DIAMETER)				
	NBR-1A	PWRLST	NBR-HR	NED 2
Stator Size	(in)	(in)	(in)	(in)
0.5 Undersize			4.484	4.484
Standard		4.498	4.489	
0.5 Oversize			4.498	
1 Oversize				4.498
Nominal Fit at 75°F				
0.5 Undersize			0.005	0.005
Standard		-0.009	0.000	
0.5 Oversize			-0.009	
1 Oversize				-0.009

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(in)		(in)
Overall Length	294.0	Overall Length	300.0
Contour Length	288.0	Rubber Cutback #1*	7.0
Eccentricity	0.268	Rubber Cutback #2*	7.0
Major Diameter	5.024	Tube O.D.	7.00
Head Diameter	5.000	Tube I.D.	5.75
Weight (lb)	1288	Weight (lb)	979
Material	145 KSI 17-4SS	Number of Stages	8.5
Thread Form*	API NC35		

* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
			NBR-1A	PWRLST	NBR-HR	NED 2
Torque Slope	9.783 ft-lb/psi	Max. Diff. Press. (psi)		1910	1910	2130
Flow Range	400 to 750 GPM	Max. Torque (ft-lb)		18710	18710	20790
RPG	0.260 rev/gal	Stall Diff. Press. (psi)		2870	2870	3190
Speed Range	104 to 195 RPM	Stall Torque (ft-lb)		28060	28060	31180
Off Bottom Press.	166 psi	Max. Recommended (HP)		613	613	681
		PSI Per Stage		225	225	250
		PSI Per Cavity		31	31	35
		Temperature Slope (in/°F)		0.000245	0.000262	0.000262



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.