

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard		4.064*	4.064	4.063
1 Oversize		4.085*	4.085	4.085*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard		0.001*	0.001	0.002
1 Oversize		-0.020*	-0.020	-0.020*
2 Oversize				

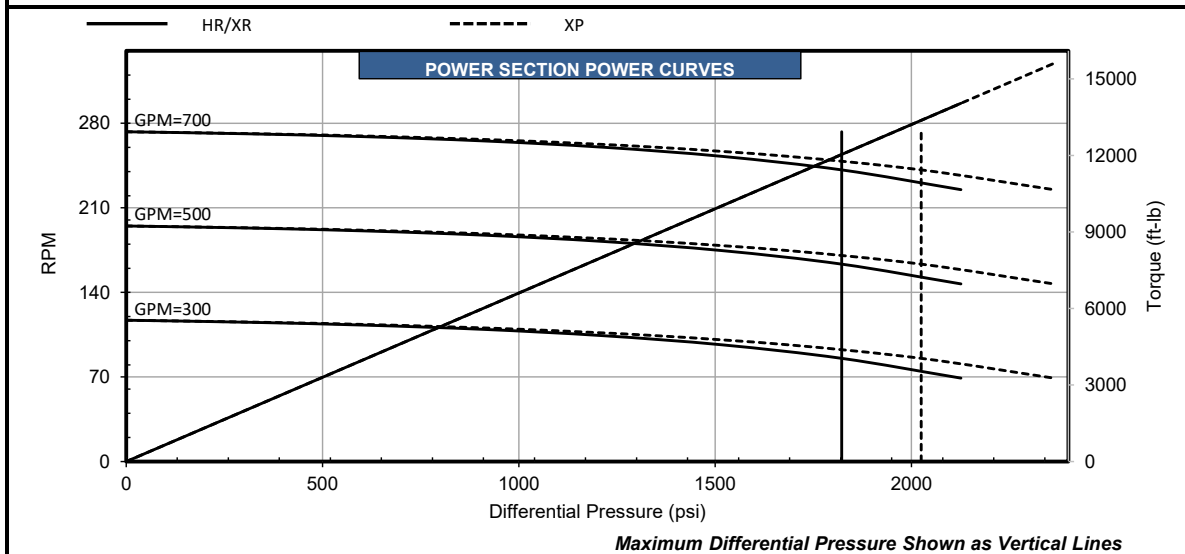
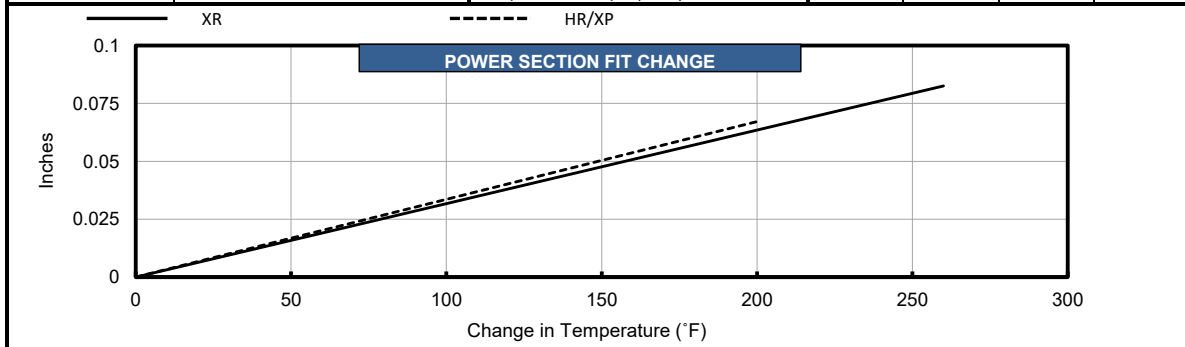
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	223.0	Overall Length (in)	232.0
Contour Length** (in)	217.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.282	Cutback #2** (in)	8.0
Major Diameter (in)	4.629	Tube O.D. (in)	6.75
Weight (lb)	723	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.25	Weight (lb)	688
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	6.605 ft-lb/psi	Max. Diff. Press. (psi)		1820	1820	2030
Flow Range	300 to 700 GPM	Max. Torque (ft-lb)		12040	12040	13380
RPG	0.390 rev/gal	Stall Diff. Press. (psi)		2730	2730	3040
Speed Range	117 to 273 RPM	Stall Torque (ft-lb)		18060	18060	20060
Off Bottom Press.	171 psi	Max. Recommended (HP)		553	553	615
		PSI Per Stage		225	225	250
		PSI Per Cavity		36	36	40
		Temperature Slope (in/°F)		0.000318	0.000336	0.000336



Performance characteristics are estimates based on nominal conditions and are for reference only. Actual performance may be affected by rotor/stator fit, temperature, and other operating conditions. The torque may exceed the capacity of connected components and threads. Operating above the recommended limits of either the power section or connected components may reduce product life and result in damage to the power section and connected components. Data is subject to change without notice.