

POWER SECTION

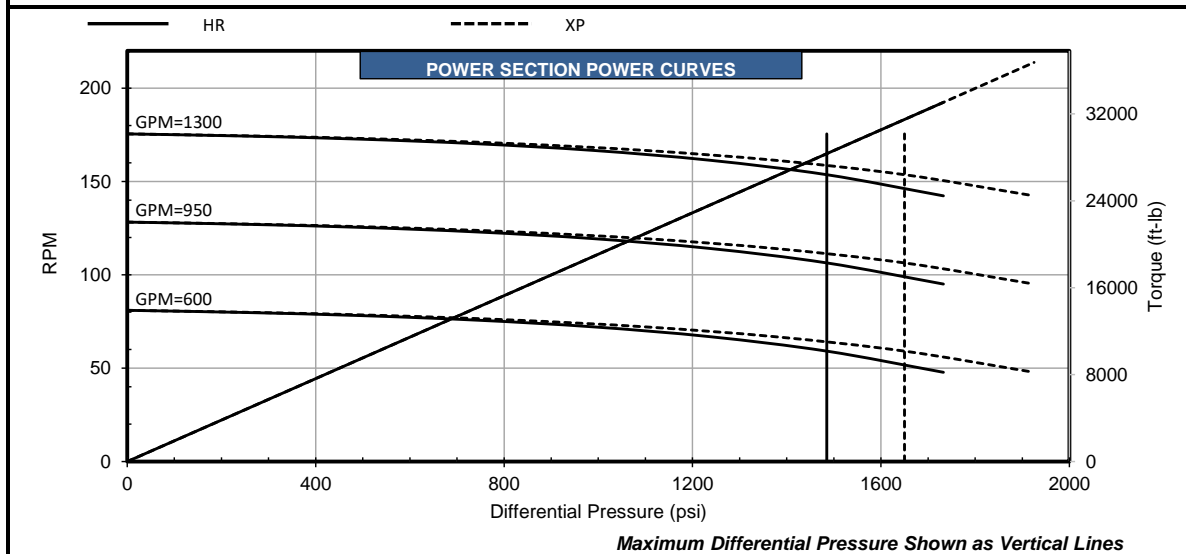
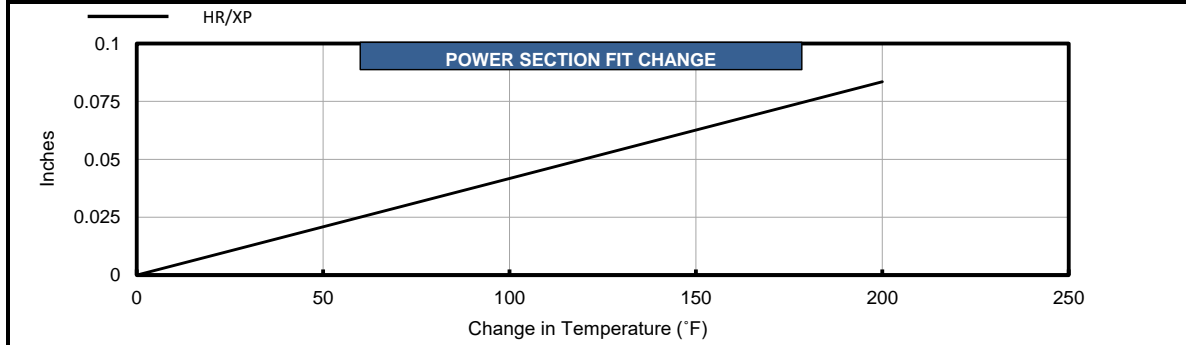
FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			5.500	5.498
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			-0.002	0.000
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	290.0	Overall Length (in)	300.0
Contour Length** (in)	282.0	Cutback #1** (in)	10.0
Eccentricity (in)	0.375	Cutback #2** (in)	10.0
Major Diameter (in)	6.247	Tube O.D. (in)	8.75
Weight (lb)	1918	Tube I.D. (in)	7.25
Head Diameter*** (in)	6.101	Weight (lb)	1531
Material**	145 KSI 17-4SS		
Thread Form***	TBD		

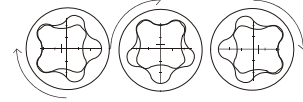
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	19.081 ft-lb/psi			1490	1650
Flow Range	600 to 1300 GPM			28340	31480
RPG	0.135 rev/gal			2230	2480
Speed Range	81 to 176 RPM			42500	47230
Off Bottom Press.	175 psi			829	921
				225	250
				37	41
				0.000418	0.000418



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.



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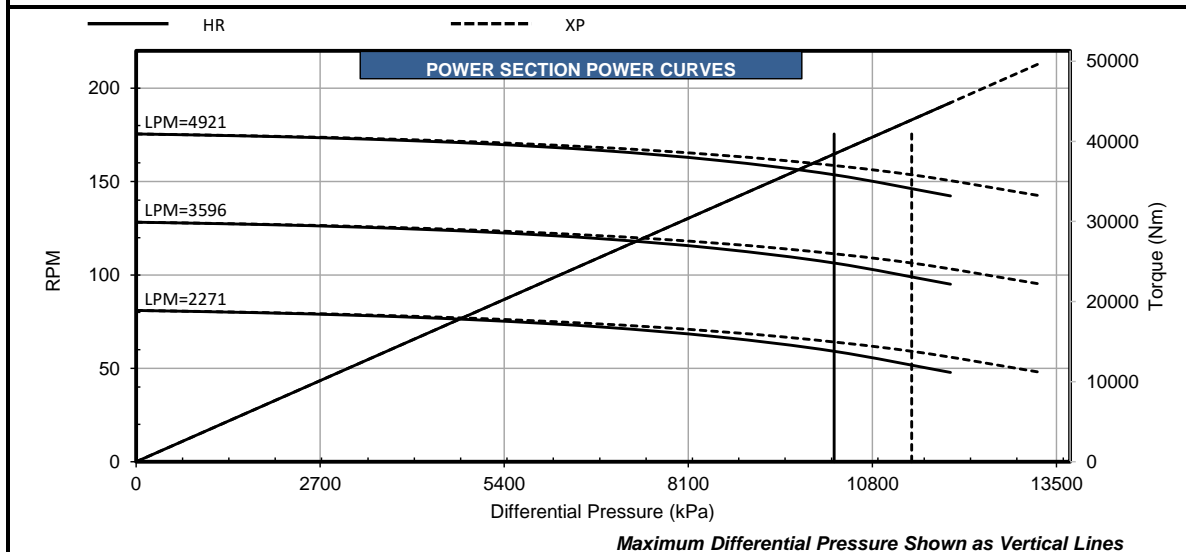
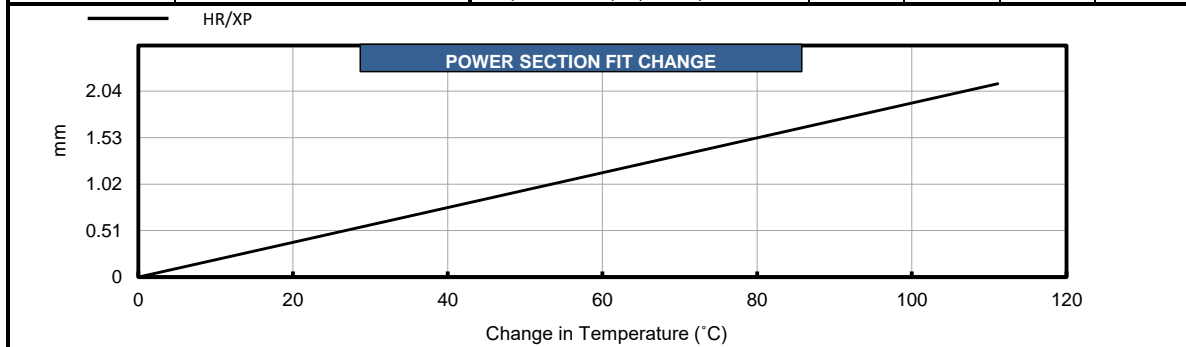
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard			139.70	139.65
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard			-0.05	0.00
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7366.0	Overall Length (mm)	7620.0
Contour Length** (mm)	7162.8	Cutback #1** (mm)	254.0
Eccentricity (mm)	9.51	Cutback #2** (mm)	254.0
Major Diameter (mm)	158.67	Tube O.D. (mm)	222.3
Weight (kg)	870	Tube I.D. (mm)	184.2
Head Diameter*** (mm)	154.97	Weight (kg)	694
Material**	145 KSI 17-4SS		
Thread Form***	TBD		

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***Customer specified

PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	3.752 Nm/kPa			10273	11376
Flow Range	2271 to 4921 Litre/min			38424	42681
RPG	0.036 rev/litre			15375	17099
Speed Range	81 to 176 RPM			57622	64035
Off Bottom Press.	1207 kPa			618	687
				kPa Per Stage	1551
				kPa Per Cavity	255
				Temperature Slope (mm/°C)	0.0191



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