

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize		2.869*	2.860	2.862
Standard				
1 Oversize		2.898*	2.890	2.890*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize		0.003*	0.012	0.010
Standard				
1 Oversize		-0.026*	-0.018	-0.018*
2 Oversize				

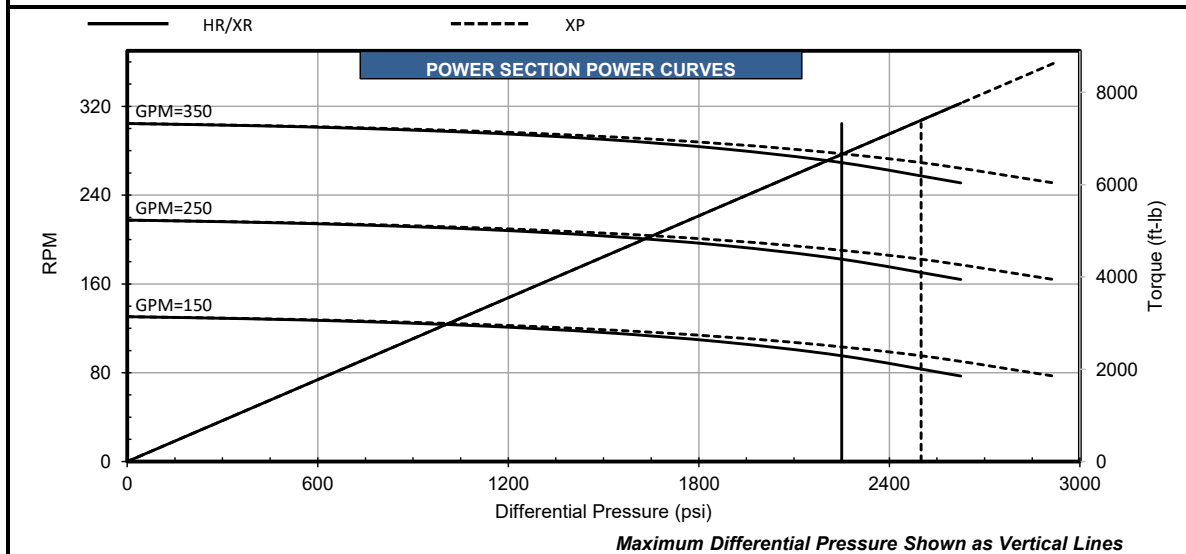
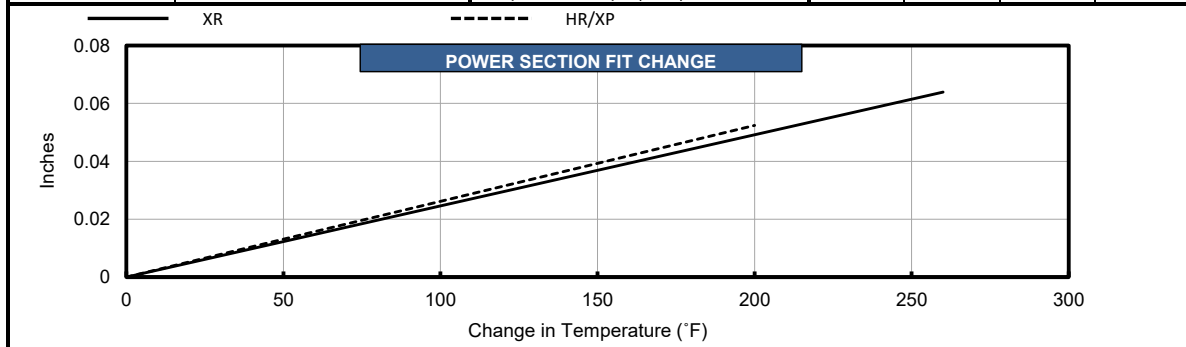
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	266.0	Overall Length (in)	275.0
Contour Length** (in)	260.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.192	Cutback #2** (in)	16.0
Major Diameter (in)	3.256	Tube O.D. (in)	5.00
Weight (lb)	485	Tube I.D. (in)	4.00
Head Diameter*** (in)	3.50	Weight (lb)	515
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

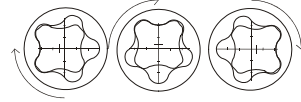
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		NBR-1A	XR	HR	XP
Torque Slope	2.958 ft-lb/psi		2250	2250	2500
Flow Range	150 to 350 GPM		6660	6660	7400
RPG	0.870 rev/gal		3380	3380	3750
Speed Range	131 to 305 RPM		9980	9980	11090
Off Bottom Press.	148 psi		341	341	379
			225	225	250
			35	35	39
	Temperature Slope (in/°F)		0.000246	0.000262	0.000262



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.



## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize		72.87*	72.64	72.69
Standard				
1 Oversize		73.61*	73.41	73.41*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize		0.08*	0.30	0.25
Standard				
1 Oversize		-0.66*	-0.46	-0.46*
2 Oversize				

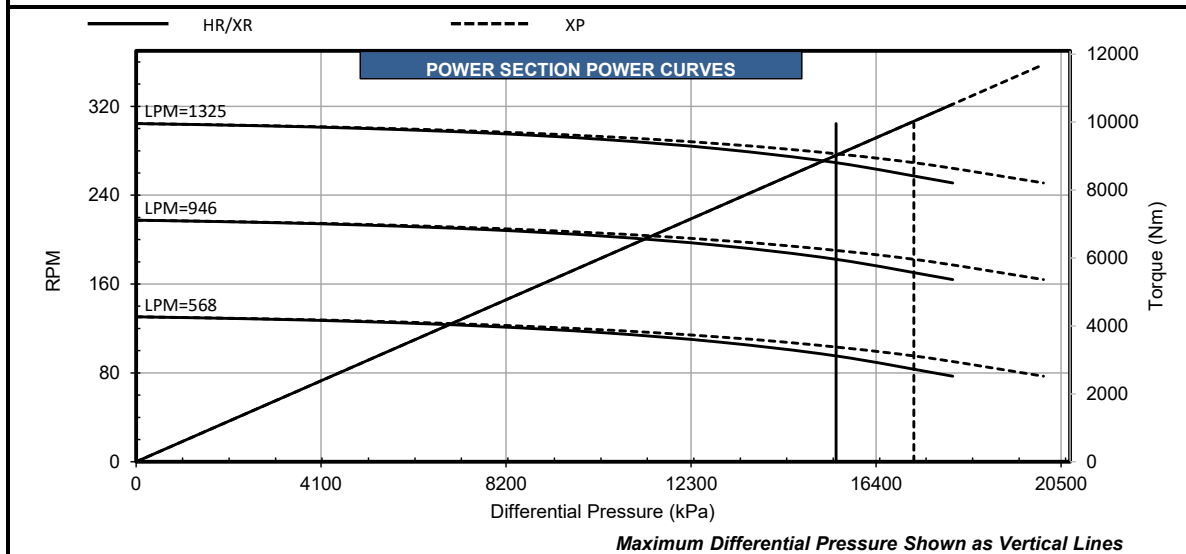
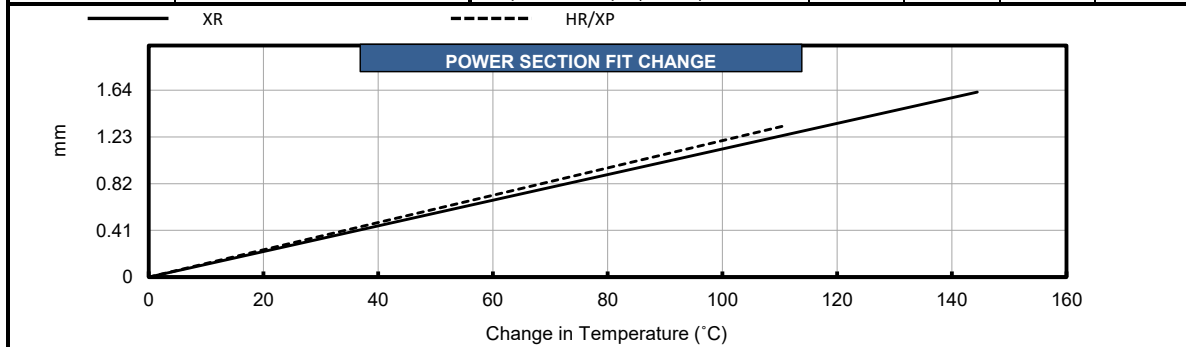
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6756.4	Overall Length (mm)	6985.0
Contour Length** (mm)	6604.0	Cutback #1** (mm)	203.2
Eccentricity (mm)	4.88	Cutback #2** (mm)	406.4
Major Diameter (mm)	82.70	Tube O.D. (mm)	127.0
Weight (kg)	220	Tube I.D. (mm)	101.6
Head Diameter*** (mm)	88.90	Weight (kg)	234
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

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\*\*\*Customer specified

\*Pending production measurements

PERFORMANCE SPECIFICATIONS						
		NBR-1A	XR	HR	XP	
Torque Slope	0.582 Nm/kPa		15513	15513	17237	
Flow Range	568 to 1325 Litre/min		9030	9030	10033	
RPG	0.230 rev/litre		23304	23304	25855	
Speed Range	131 to 305 RPM		13531	13531	15036	
Off Bottom Press.	1020 kPa		255	255	283	
			kPa Per Stage	1551	1551	1724
			kPa Per Cavity	241	241	269
			Temperature Slope (mm/°C)	0.0112	0.0120	0.0120



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