

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	3.642*		3.642*	3.642*
Standard	3.665		3.665*	3.665*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.018*		0.018*	0.018*
Standard	-0.005		-0.005*	-0.005*
1 Oversize				
2 Oversize				

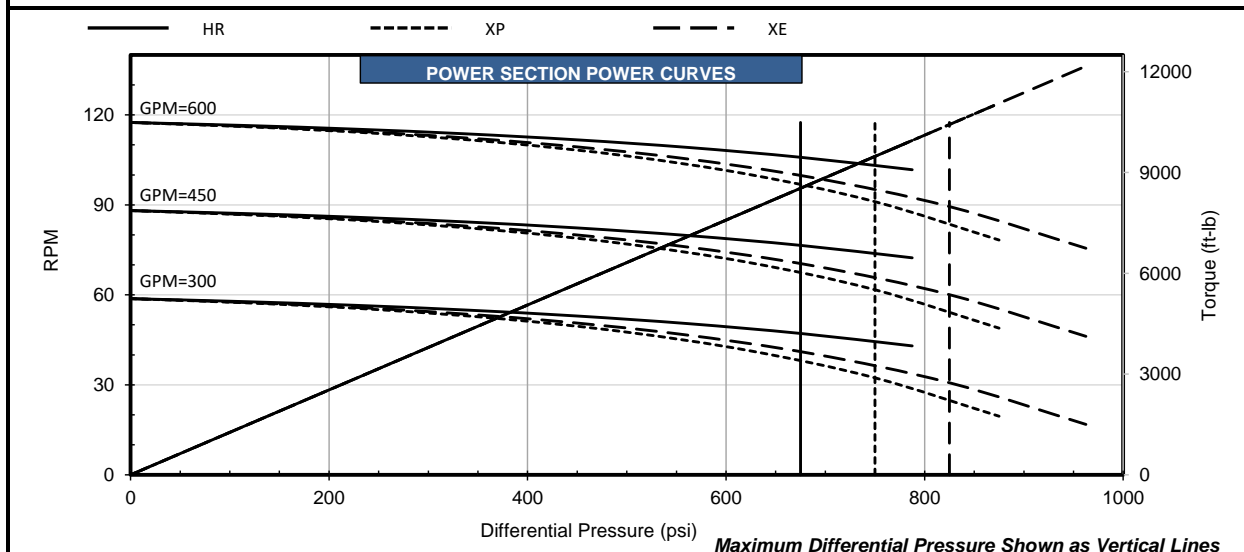
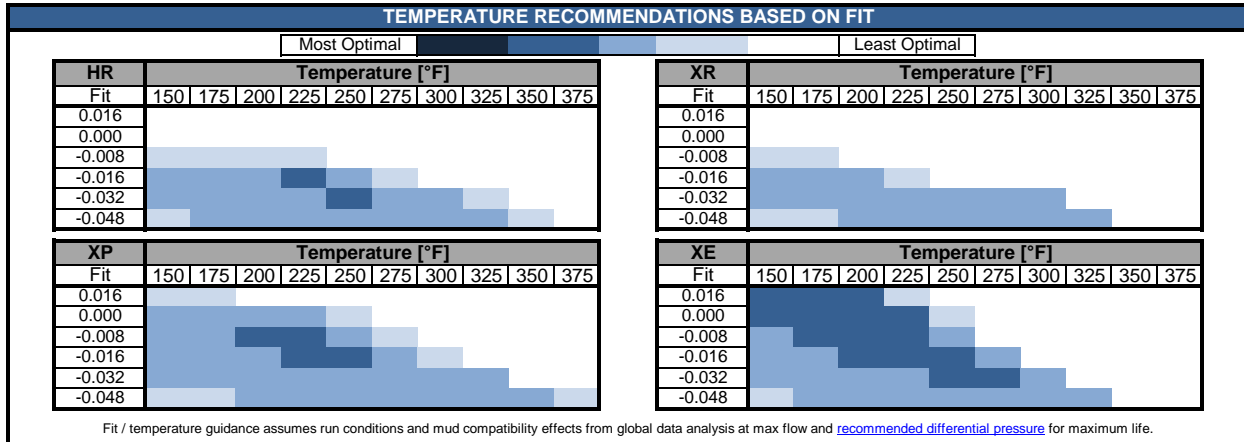
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	190.0	Overall Length (in)	204.0
Contour Length** (in)	183.5	Cutback #1** (in)	8.0
Eccentricity (in)	0.230	Cutback #2** (in)	8.0
Major Diameter (in)	4.120	Tube O.D. (in)	6.25
Weight (lb)	526	Tube I.D. (in)	5.00
Head Diameter*** (in)	4.00	Weight (lb)	685
Material**	17-4SS		
Thread Form***	2 3/8 API REG		

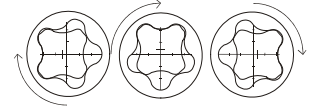
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	12.639 ft-lb/psi				
Flow Range	300 to 600 GPM				
RPG	0.196 rev/gal				
Speed Range	59 to 117 RPM				
Off Bottom Press.	87 psi				
		Max. Diff. Press. (psi)	680	750	830
		Max. Torque (ft-lb)	8530	9480	10430
		Stall Diff. Press. (psi)	1010	1130	1240
		Stall Torque (ft-lb)	12800	14220	15640
		Max. Recommended (HP)	172	164	178
		PSI Per Stage	225	250	275
		PSI Per Cavity	40	44	49
		Temperature Slope (in/°F)	0.000234	0.000234	0.000247



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	DynaPower			
	HR	XR	XP	XE
1 Undersize	92.51*		92.51*	92.51*
Standard	93.09		93.09*	93.09*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.46*		0.46*	0.46*
Standard	-0.13		-0.13*	-0.13*
1 Oversize				
2 Oversize				

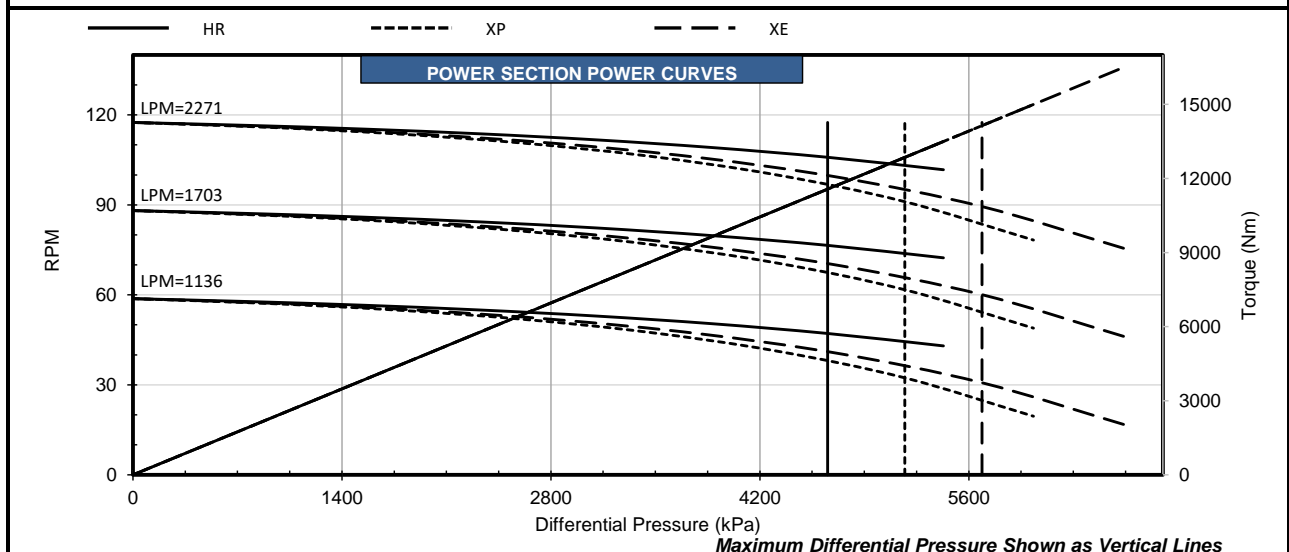
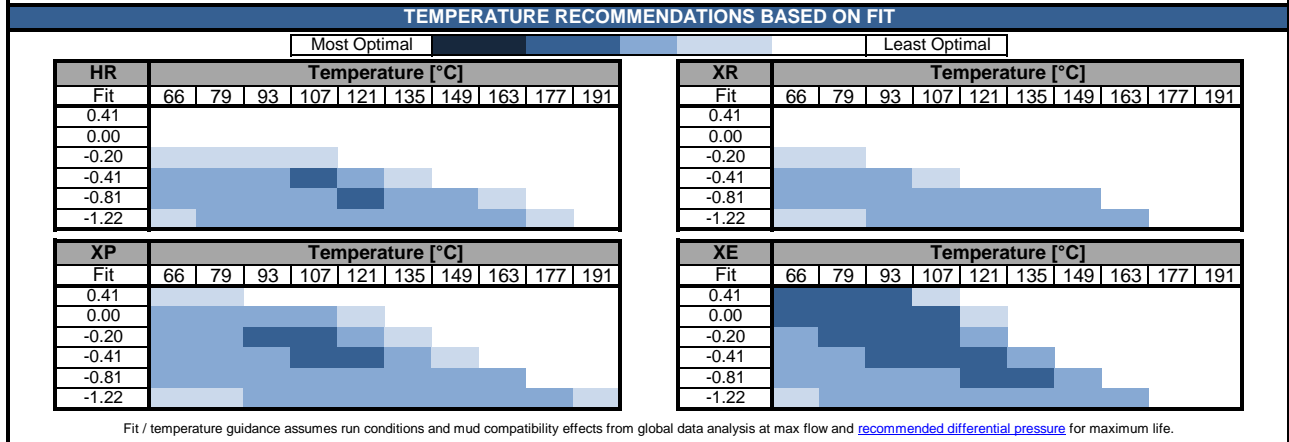
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	4826.0	Overall Length (mm)	5181.6
Contour Length** (mm)	4660.9	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.84	Cutback #2** (mm)	203.2
Major Diameter (mm)	104.65	Tube O.D. (mm)	158.8
Weight (kg)	239	Tube I.D. (mm)	127.0
Head Diameter*** (mm)	101.60	Weight (kg)	311
Material**	17-4SS		
Thread Form**	2 3/8 API REG		

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***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	2.485 Nm/kPa				
Flow Range	1136 to 2271 Litre/min				
RPG	0.052 rev/litre				
Speed Range	59 to 117 RPM				
Off Bottom Press.	600 kPa				
		Max. Diff. Press. (kPa)	4688	5171	5723
		Max. Torque (Nm)	11565	12853	14141
		Stall Diff. Press. (kPa)	6964	7791	8550
		Stall Torque (Nm)	17354	19280	21205
		Max. Recommended (kW)	128	123	132
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	276	303	338
		Temperature Slope (mm/°C)	0.0107	0.0107	0.0113



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