

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	4.150		4.150	4.15*
1 Oversize	4.163		4.163*	4.163*
2 Oversize	4.172		4.172*	4.172*
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.004		-0.004	-0.004*
1 Oversize	-0.017		-0.017*	-0.017*
2 Oversize	-0.026		-0.026*	-0.026*

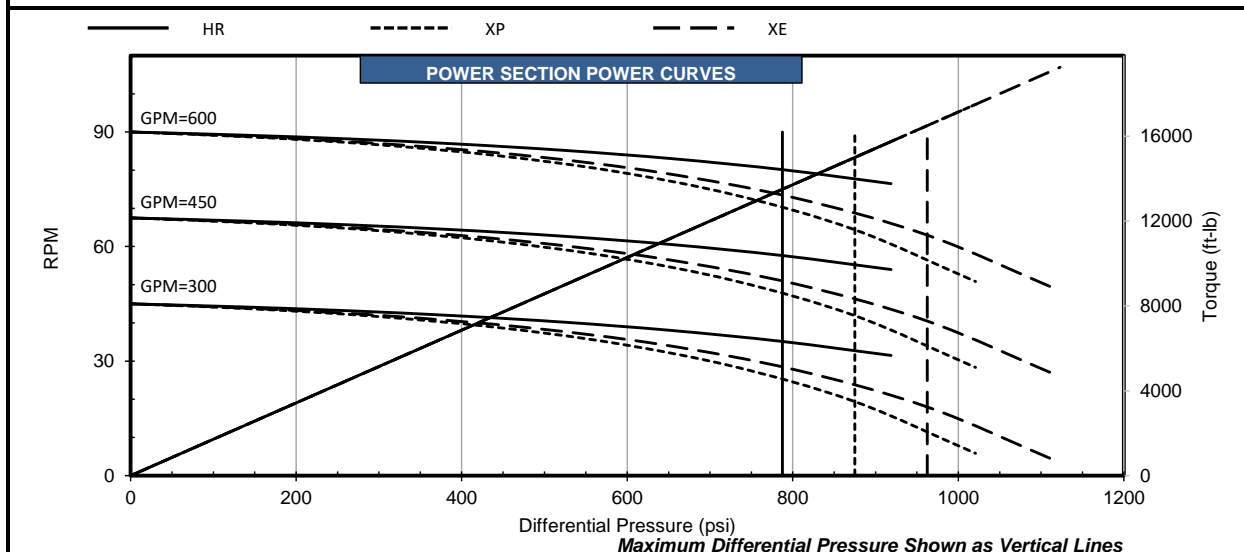
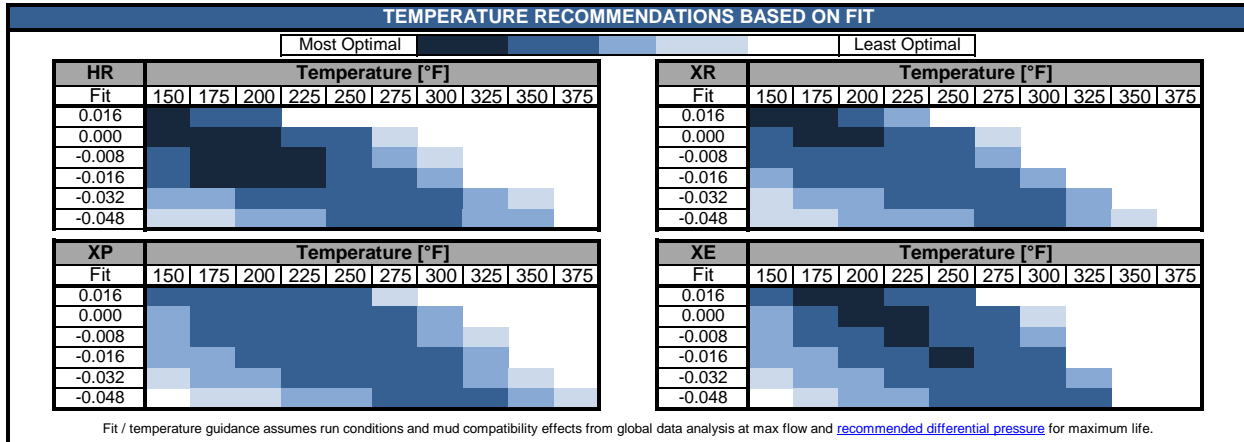
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	252.0	Overall Length (in)	260.0
Contour Length** (in)	245.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.247	Cutback #2** (in)	8.0
Major Diameter (in)	4.639	Tube O.D. (in)	6.75
Weight (lb)	876	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.50	Weight (lb)	827
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

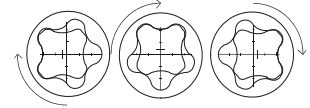
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	17.143 ft-lb/psi				
Flow Range	300 to 600 GPM				
RPG	0.150 rev/gal				
Speed Range	45 to 90 RPM				
Off Bottom Press.	150 psi				
		Max. Diff. Press. (psi)	790	880	960
		Max. Torque (ft-lb)	13500	15000	16500
		Stall Diff. Press. (psi)	1180	1310	1440
		Stall Torque (ft-lb)	20250	22500	24750
		Max. Recommended (HP)	206	184	198
		PSI Per Stage	225	250	275
		PSI Per Cavity	38	42	46
		Temperature Slope (in/°F)	0.000300	0.000300	0.000315



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				
Standard	105.41		105.41	105.41*
1 Oversize	105.74		105.74*	105.74*
2 Oversize	105.97		105.97*	105.97*
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.10		-0.10	-0.10*
1 Oversize	-0.43		-0.43*	-0.43*
2 Oversize	-0.66		-0.66*	-0.66*

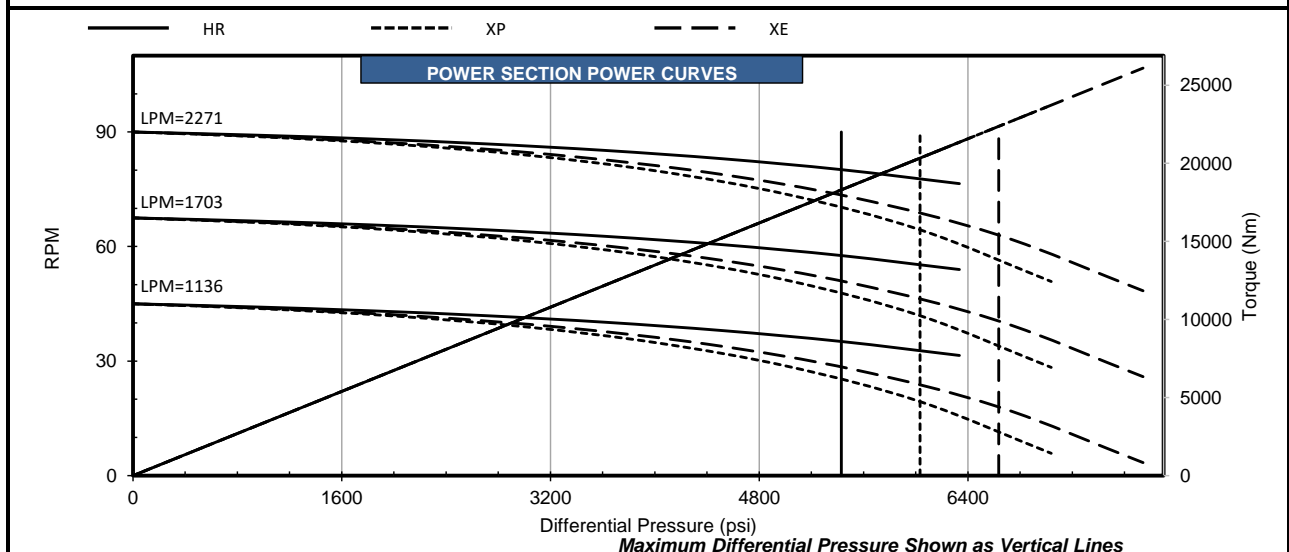
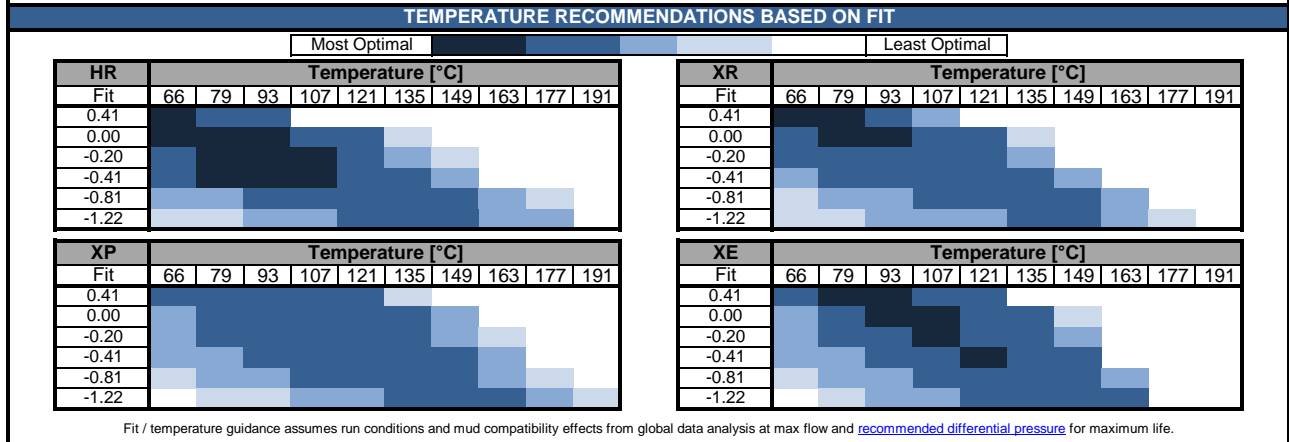
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6400.8	Overall Length (mm)	6604.0
Contour Length** (mm)	6223.0	Cutback #1** (mm)	203.2
Eccentricity (mm)	6.26	Cutback #2** (mm)	203.2
Major Diameter (mm)	117.83	Tube O.D. (mm)	171.5
Weight (kg)	397	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	114.30	Weight (kg)	375
Material**	17-4SS		
Thread Form**	2 7/8 API REG		

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

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.371 Nm/kPa					
Flow Range	1136 to 2271 Litre/min					
RPG	0.040 rev/litre					
Speed Range	45 to 90 RPM					
Off Bottom Press.	1034 kPa					
		Max. Diff. Press. (kPa)	5447	6067	6619	
		Max. Torque (Nm)	18304	20337	22371	
		Stall Diff. Press. (kPa)	8136	9032	9928	
		Stall Torque (Nm)	27455	30506	33556	
		Max. Recommended (kW)	154	137	148	
		kPa Per Stage	1551	1724	1896	
		kPa Per Cavity	262	290	317	
		Temperature Slope (mm/°C)	0.0137	0.0137	0.0144	



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