

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.685		2.685*	2.685*
Standard	2.702	2.708	2.702*	2.702*
1 Oversize	2.717		2.717*	2.717*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.017		0.017*	0.017*
Standard	0.000	-0.006	0.000*	0.000*
1 Oversize	-0.015		-0.015*	-0.015*
2 Oversize				

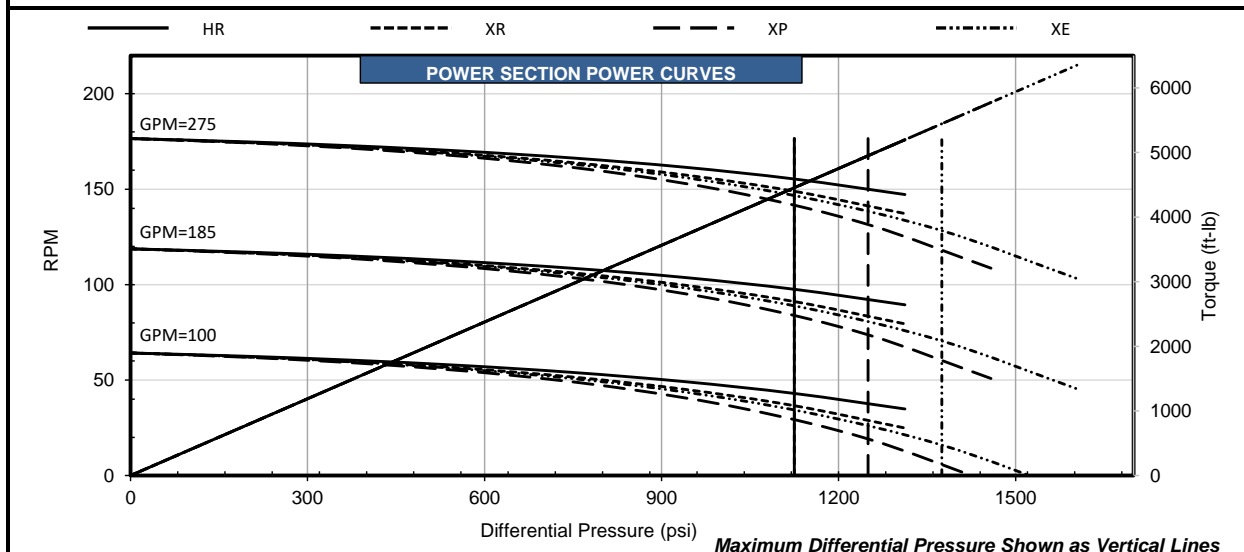
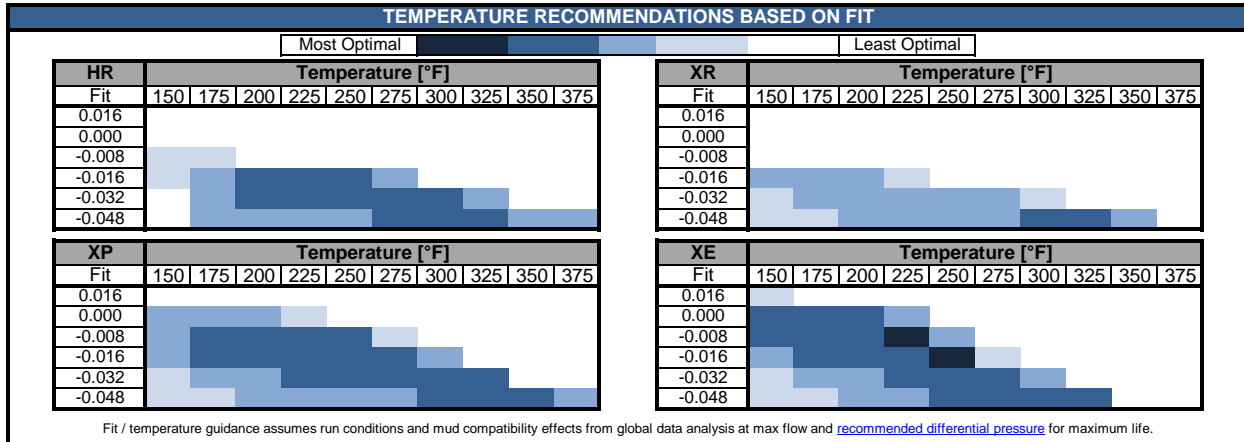
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	186.0	Overall Length (in)	198.0
Contour Length** (in)	180.0	Cutback #1** (in)	10.0
Eccentricity (in)	0.169	Cutback #2** (in)	12.0
Major Diameter (in)	3.039	Tube O.D. (in)	4.75
Weight (lb)	310	Tube I.D. (in)	3.75
Head Diameter*** (in)	3.13	Weight (lb)	407
Material**	17-4SS		
Thread Form***	2 7/8 HEF		

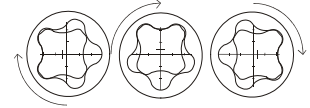
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.960 ft-lb/psi					
Flow Range	100 to 275 GPM					
RPG	0.642 rev/gal					
Speed Range	64 to 177 RPM					
Off Bottom Press.	74 psi					
		Max. Diff. Press. (psi)	1130	1130	1250	1380
		Max. Torque (ft-lb)	4460	4460	4950	5450
		Stall Diff. Press. (psi)	1690	1690	1880	2060
		Stall Torque (ft-lb)	6680	6680	7430	8170
		Max. Recommended (HP)	132	126	124	133
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	34	34	38	42
		Temperature Slope (in/°F)	0.000190	0.000180	0.000190	0.000200



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

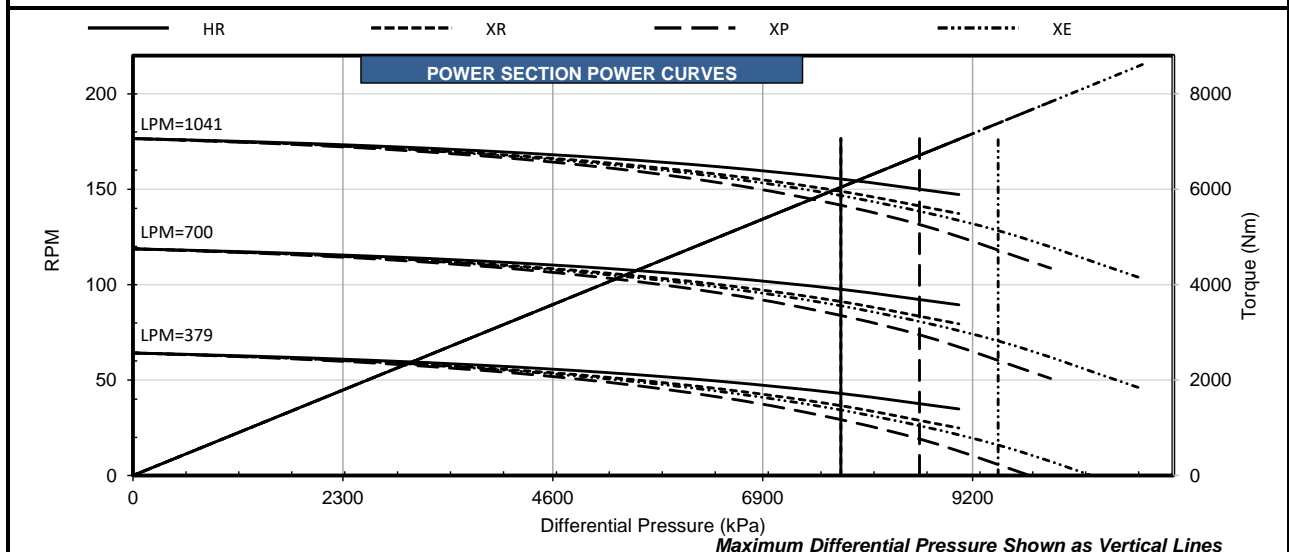
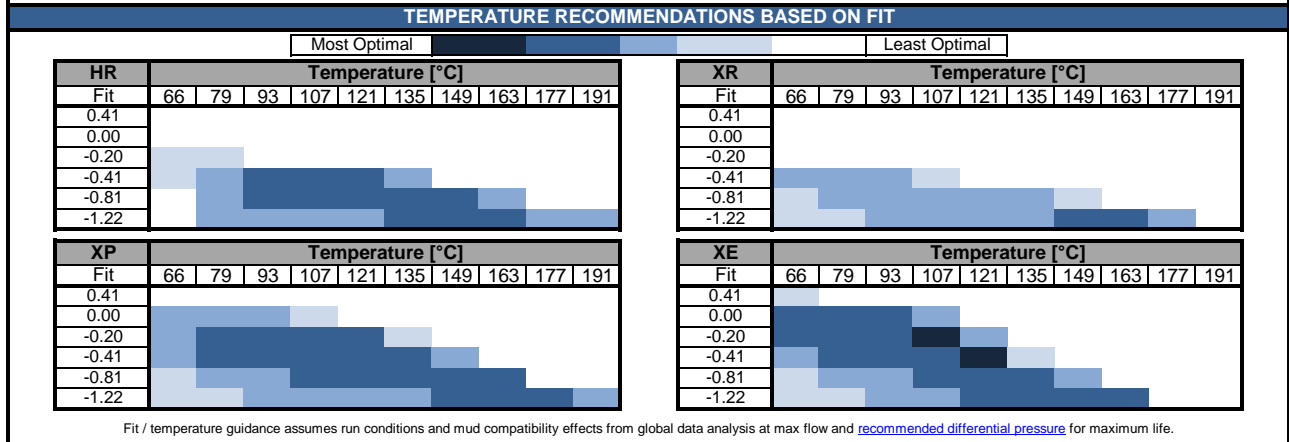
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	68.20		68.20*	68.20*
Standard	68.63	68.78	68.63*	68.63*
1 Oversize	69.01		69.01*	69.01*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.43		0.43*	0.43*
Standard	0.00	-0.15	0.00*	0.00*
1 Oversize	-0.38		-0.38*	-0.38*
2 Oversize				

*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	4724.4	Overall Length (mm)	5029.2
Contour Length** (mm)	4572.0	Cutback #1** (mm)	254.0
Eccentricity (mm)	4.28	Cutback #2** (mm)	304.8
Major Diameter (mm)	77.19	Tube O.D. (mm)	120.7
Weight (kg)	141	Tube I.D. (mm)	95.3
Head Diameter*** (mm)	79.50	Weight (kg)	185
Material**	17-4SS		
Thread Form**	2 7/8 HEF		

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

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	0.779 Nm/kPa	7791	7791	8618	9515	Max. Diff. Press. (kPa)
Flow Range	379 to 1041 Litre/min	6047	6047	6711	7389	Max. Torque (Nm)
RPG	0.170 rev/litre	11652	11652	12962	14203	Stall Diff. Press. (kPa)
Speed Range	64 to 177 RPM	9057	9057	10074	11077	Stall Torque (Nm)
Off Bottom Press.	510 kPa	98	94	92	99	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		234	234	262	290	kPa Per Cavity
		0.0087	0.0082	0.0087	0.0091	Temperature Slope (mm/°C)



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.