

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.503		2.503*	2.503*
Standard				
1 Oversize		2.554		
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.029		0.029*	0.029*
Standard				
1 Oversize		-0.022		
2 Oversize				

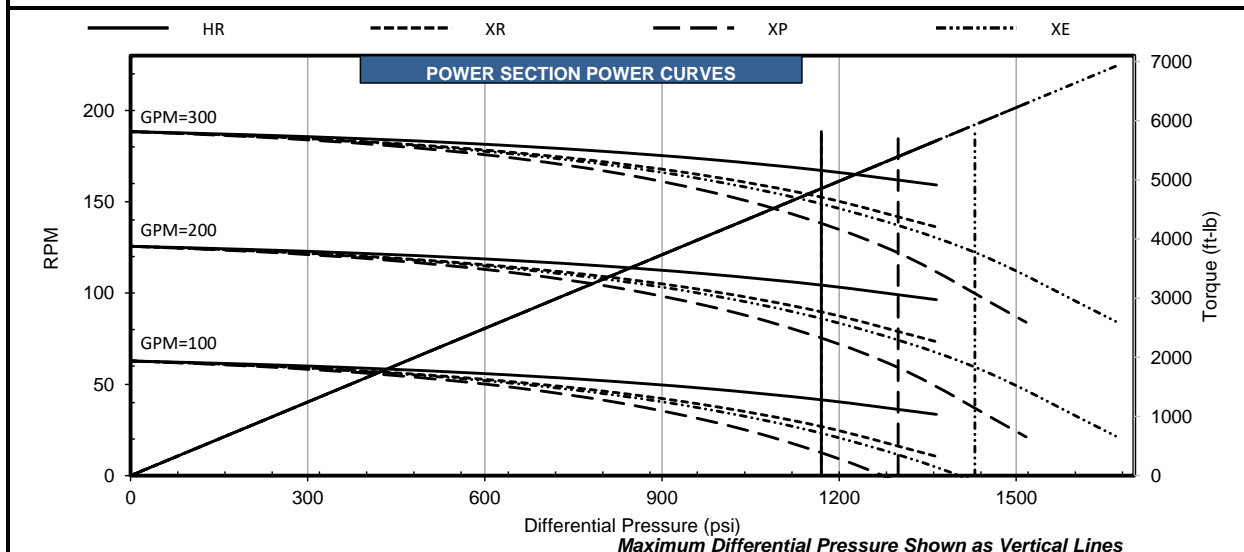
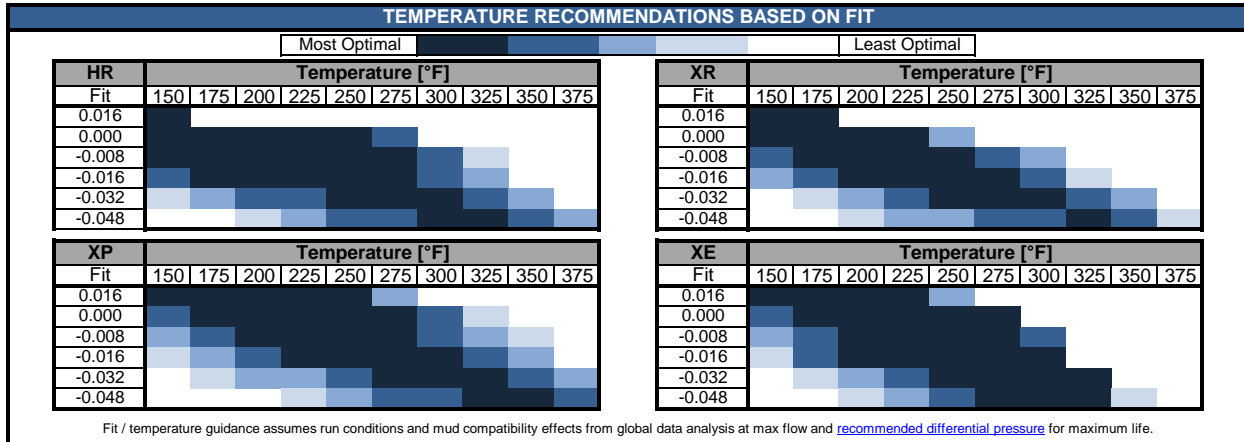
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	233.0	Overall Length (in)	246.0
Contour Length** (in)	226.5	Cutback #1** (in)	7.0
Eccentricity (in)	0.209	Cutback #2** (in)	13.0
Major Diameter (in)	2.951	Tube O.D. (in)	5.00
Weight (lb)	332	Tube I.D. (in)	3.75
Head Diameter*** (in)	3.13	Weight (lb)	640
Material**	17-4SS		
Thread Form***	2 3/8 PAC		

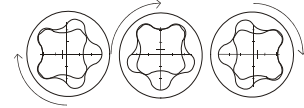
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	4.148 ft-lb/psi					
Flow Range	100 to 300 GPM					
RPG	0.628 rev/gal					
Speed Range	63 to 188 RPM					
Off Bottom Press.	92 psi					
		Max. Diff. Press. (psi)	1170	1170	1300	1430
		Max. Torque (ft-lb)	4850	4850	5390	5930
		Stall Diff. Press. (psi)	1760	1760	1950	2150
		Stall Torque (ft-lb)	7280	7280	8090	8900
		Max. Recommended (HP)	154	141	125	138
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	45	45	50	55
		Temperature Slope (in/°F)	0.000234	0.000212	0.000234	0.000242



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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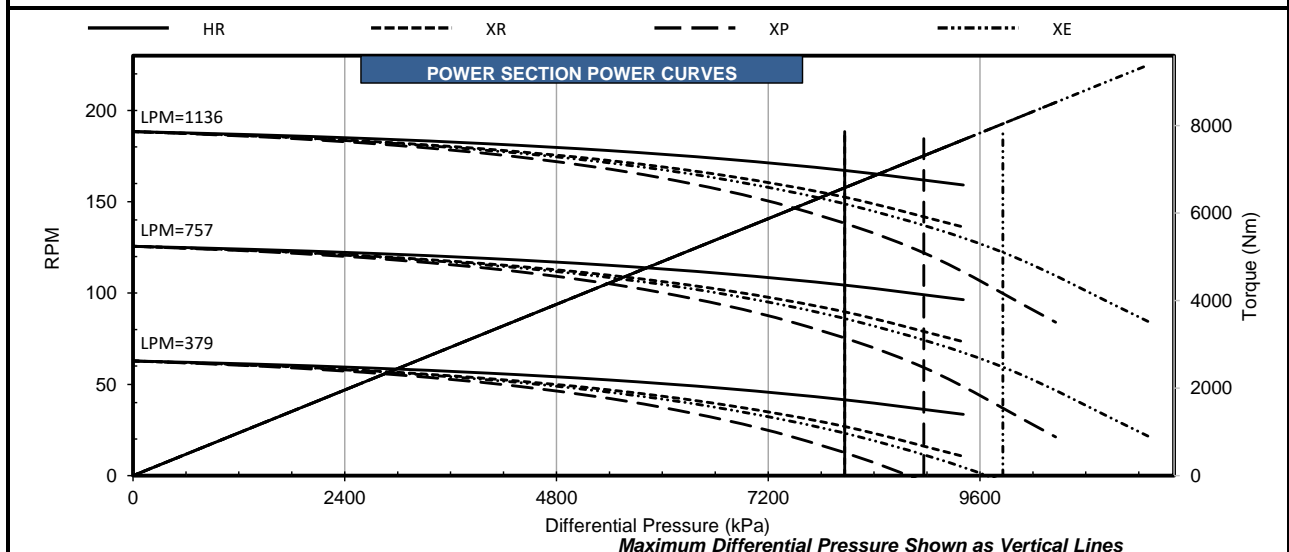
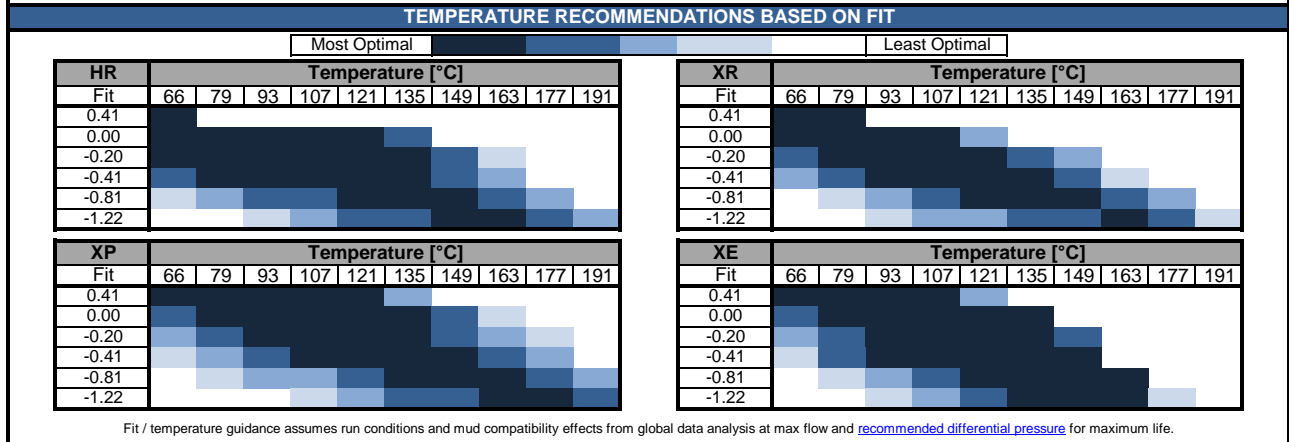
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	63.58		63.58*	63.58*
Standard				
1 Oversize		64.87		
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.74		0.74*	0.74*
Standard				
1 Oversize		-0.56		
2 Oversize				

*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5918.2	Overall Length (mm)	6248.4
Contour Length** (mm)	5753.1	Cutback #1** (mm)	177.8
Eccentricity (mm)	5.31	Cutback #2** (mm)	330.2
Major Diameter (mm)	74.96	Tube O.D. (mm)	127.0
Weight (kg)	151	Tube I.D. (mm)	95.3
Head Diameter*** (mm)	79.50	Weight (kg)	290
Material**	17-4SS		
Thread Form**	2 3/8 PAC		

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

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	0.816 Nm/kPa	8067	8067	8963	9860	
Flow Range	379 to 1136 Litre/min	6576	6576	7308	8040	
RPG	0.166 rev/litre	12135	12135	13445	14824	
Speed Range	63 to 188 RPM	9870	9870	10969	12067	
Off Bottom Press.	634 kPa	115	105	93	103	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	310	310	345	379
		Temperature Slope (mm/°C)	0.0107	0.0097	0.0107	0.0111



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