

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	2.489	2.500	2.489*	2.489*
1 Oversize	2.515	2.523	2.515*	2.515*
2 Oversize	2.530	2.535	2.530*	2.530*
Nominal Fit at 75°F				
1 Undersize				
Standard	0.013	0.002	0.013*	0.013*
1 Oversize	-0.013	-0.021	-0.013*	-0.013*
2 Oversize	-0.028	-0.033	-0.028*	-0.028*

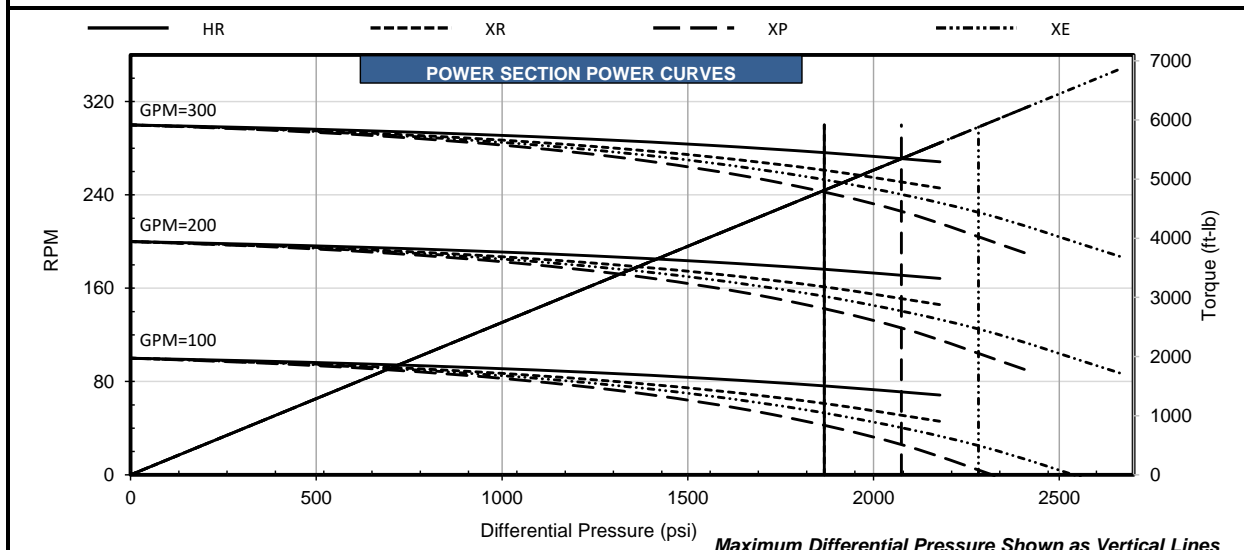
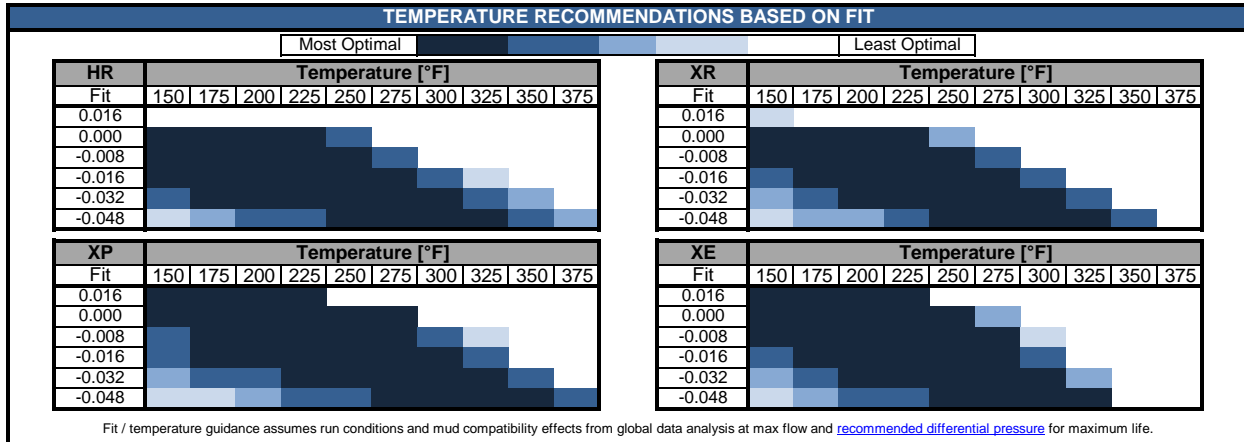
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	229.4	Overall Length (in)	242.6
Contour Length** (in)	223.4	Cutback #1** (in)	8.0
Eccentricity (in)	0.207	Cutback #2** (in)	11.0
Major Diameter (in)	2.916	Tube O.D. (in)	5.00
Weight (lb)	275	Tube I.D. (in)	3.75
Head Diameter*** (in)	2.75	Weight (lb)	636
Material**	17-4SS		
Thread Form***	2 3/8 HEF Mod Flat		

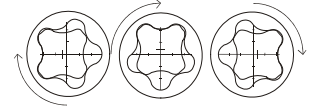
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	2.576 ft-lb/psi	1870	1870	2080	2280	
Flow Range	100 to 300 GPM	4810	4810	5350	5880	
RPG	1.000 rev/gal	2800	2800	3110	3420	
Speed Range	100 to 300 RPM	7220	7220	8020	8820	
Off Bottom Press.	116 psi	253	239	230	252	
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	42	42	46	51
		Temperature Slope (in/F)	0.000241	0.000225	0.000241	0.000252



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	63.22	63.50	63.22*	63.22*
1 Oversize	63.88	64.08	63.88*	63.88*
2 Oversize	64.26	64.39	64.26*	64.26*
Nominal Fit at 75°F				
1 Undersize				
Standard	0.33	0.05	0.33*	0.33*
1 Oversize	-0.33	-0.53	-0.33*	-0.33*
2 Oversize	-0.71	-0.84	-0.71*	-0.71*

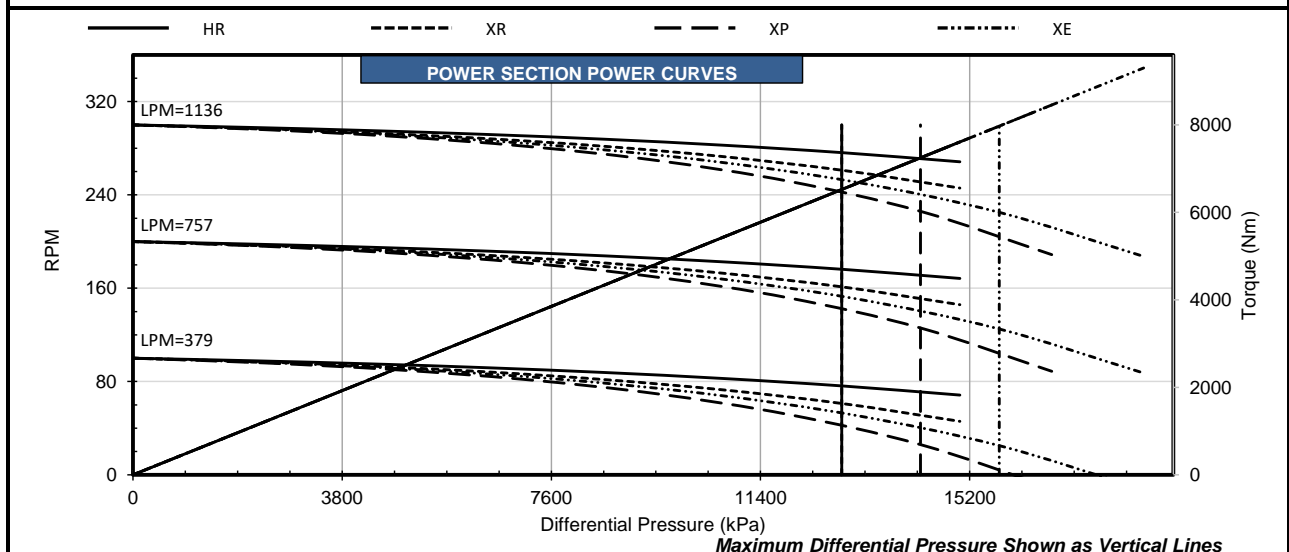
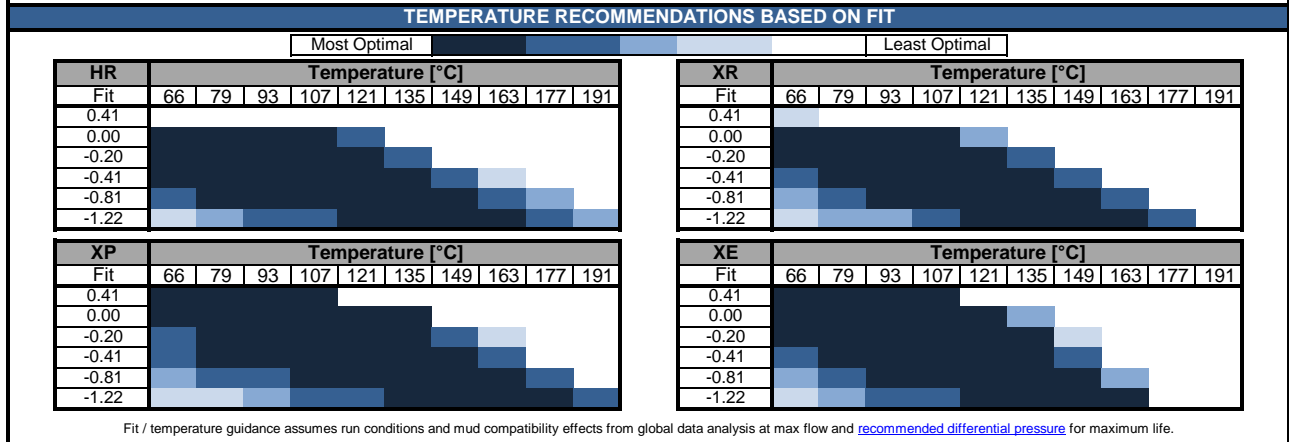
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5826.8	Overall Length (mm)	6162.0
Contour Length** (mm)	5674.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.26	Cutback #2** (mm)	279.4
Major Diameter (mm)	74.07	Tube O.D. (mm)	127.0
Weight (kg)	125	Tube I.D. (mm)	95.3
Head Diameter*** (mm)	69.85	Weight (kg)	288
Material**	17-4SS		
Thread Form**	2 3/8 HEF Mod Flat		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	0.507 Nm/kPa					
Flow Range	379 to 1136 Litre/min					
RPG	0.264 rev/litre					
Speed Range	100 to 300 RPM					
Off Bottom Press.	800 kPa					
		Max. Diff. Press. (kPa)	12893	12893	14341	15720
		Max. Torque (Nm)	6521	6521	7254	7972
		Stall Diff. Press. (kPa)	19305	19305	21443	23580
		Stall Torque (Nm)	9789	9789	10874	11958
		Max. Recommended (kW)	189	178	172	188
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	290	290	317	352
		Temperature Slope (mm/°C)	0.0110	0.0103	0.0110	0.0115



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