

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	4.442	4.449	4.442*	4.442*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.008	0.001	0.008*	0.008*
1 Oversize				
2 Oversize				

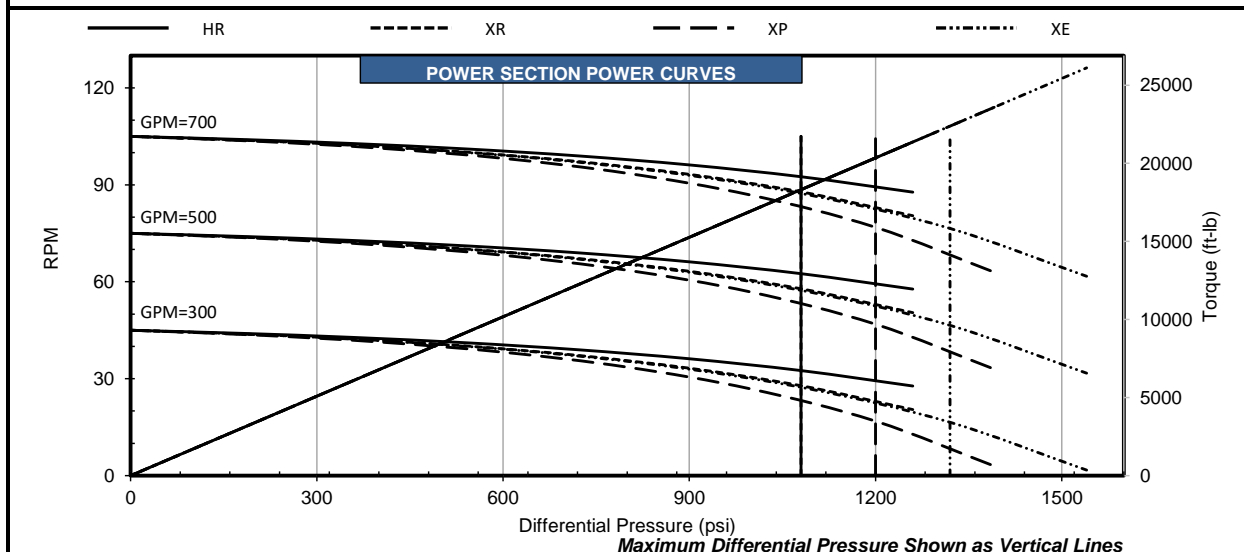
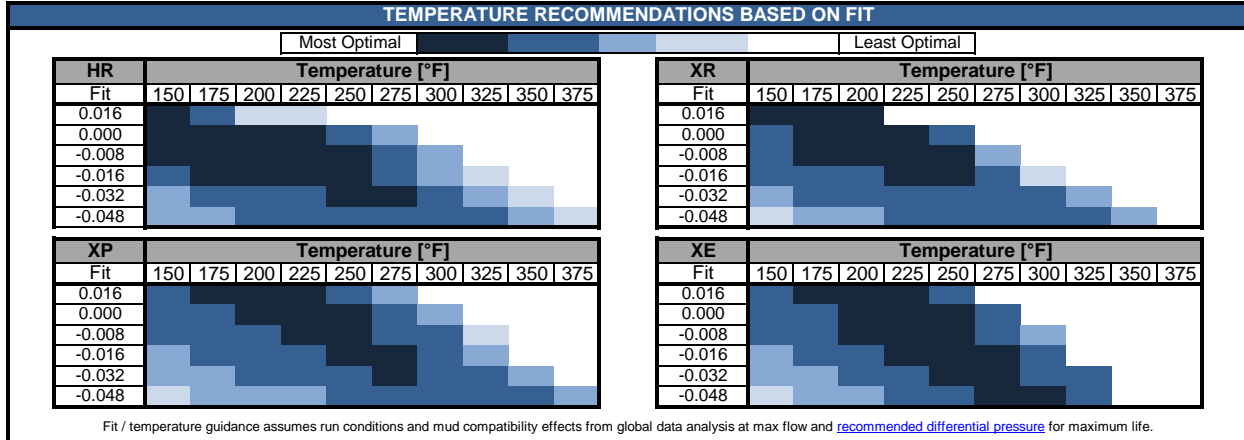
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	TBD	Overall Length (in)	300.0
Contour Length** (in)	TBD	Cutback #1** (in)	8.0
Eccentricity (in)	0.264	Cutback #2** (in)	8.0
Major Diameter (in)	4.977	Tube O.D. (in)	7.00
Weight (lb)	TBD	Tube I.D. (in)	5.75
Head Diameter*** (in)	TBD	Weight (lb)	979
Material**	145 KSI 17-4SS		
Thread			
Form***	TBD		

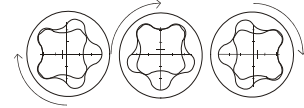
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	16.958 ft-lb/psi					
Flow Range	300 to 700 GPM					
RPG	0.150 rev/gal					
Speed Range	45 to 105 RPM					
Off Bottom Press.	89 psi					
		Max. Diff. Press. (psi)	1080	1080	1200	1320
		Max. Torque (ft-lb)	18310	18310	20350	22380
		Stall Diff. Press. (psi)	1620	1620	1800	1980
		Stall Torque (ft-lb)	27470	27470	30520	33580
		Max. Recommended (HP)	323	306	298	326
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	34	34	38	42
		Temperature Slope (in/°F)	0.000276	0.000258	0.000276	0.000287



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	112.83	113.00	112.83*	112.83*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.20	0.03	0.20*	0.20*
1 Oversize				
2 Oversize				

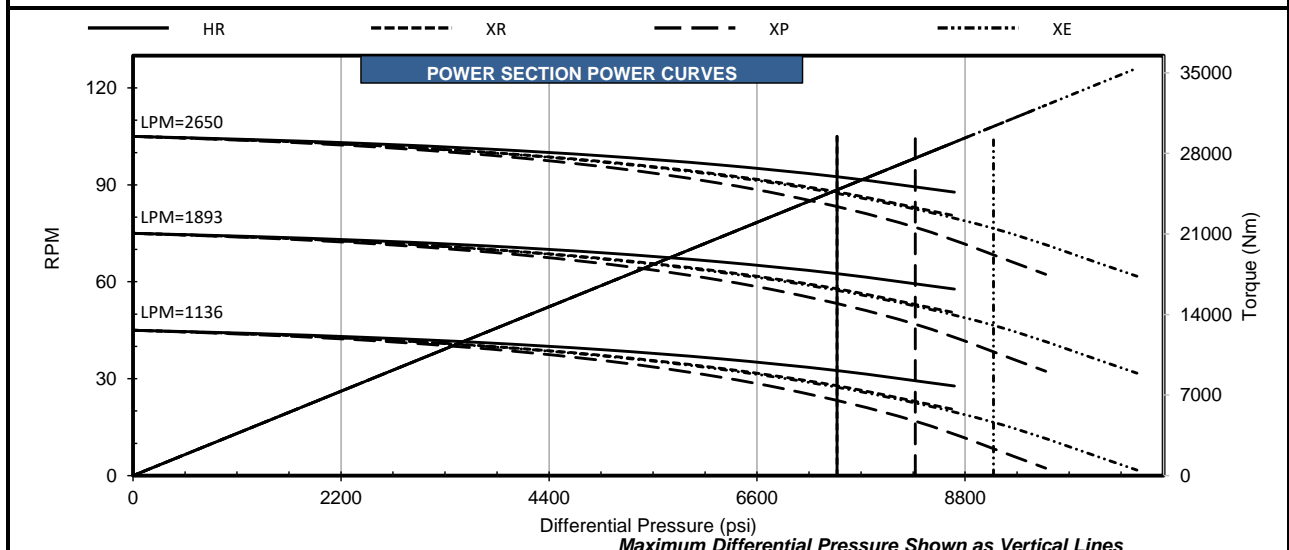
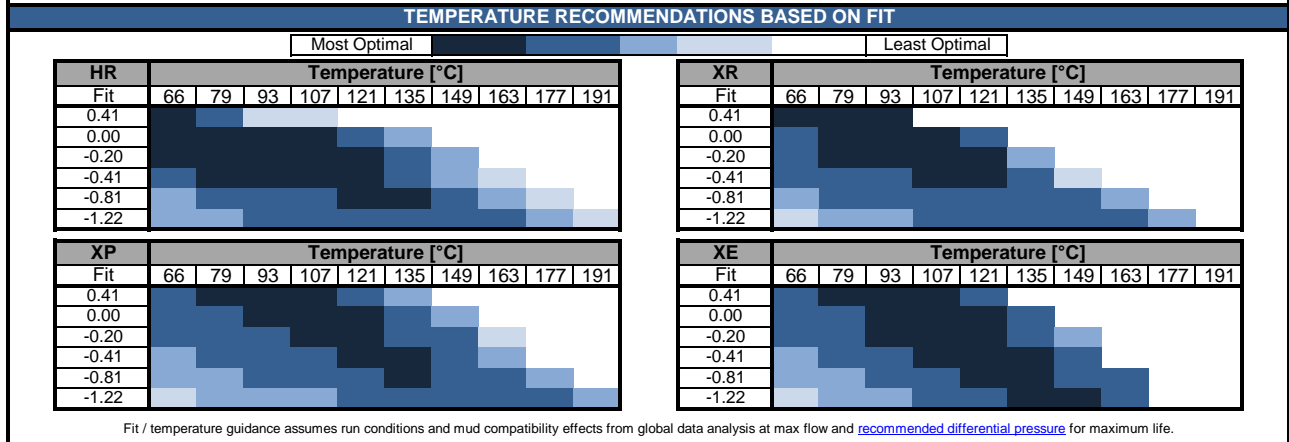
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	TBD	Overall Length (mm)	7620.0
Contour Length** (mm)	TBD	Cutback #1** (mm)	203.2
Eccentricity (mm)	6.70	Cutback #2** (mm)	203.2
Major Diameter (mm)	126.42	Tube O.D. (mm)	177.8
Weight (kg)	TBD	Tube I.D. (mm)	146.1
Head Diameter*** (mm)	TBD	Weight (kg)	444
Material**	145 KSI 17-4SS		
Thread Form**	TBD		

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***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.335 Nm/kPa	7446	7446	8274	9101	Max. Diff. Press. (kPa)
Flow Range	1136 to 2650 Litre/min	24825	24825	27591	30343	Max. Torque (Nm)
RPG	0.040 rev/litre	11170	11170	12411	13652	Stall Diff. Press. (kPa)
Speed Range	45 to 105 RPM	37244	37244	41380	45528	Stall Torque (Nm)
Off Bottom Press.	614 kPa	241	228	222	243	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		234	234	262	290	kPa Per Cavity
		0.0126	0.0118	0.0126	0.0131	Temperature Slope (mm/°C)



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