

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	4.509	4.511*	4.509*	4.509*
Standard	4.540	4.540*	4.540*	4.540*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.032	0.031*	0.032*	0.032*
Standard	0.002	0.002*	0.002*	0.002*
1 Oversize				
2 Oversize				

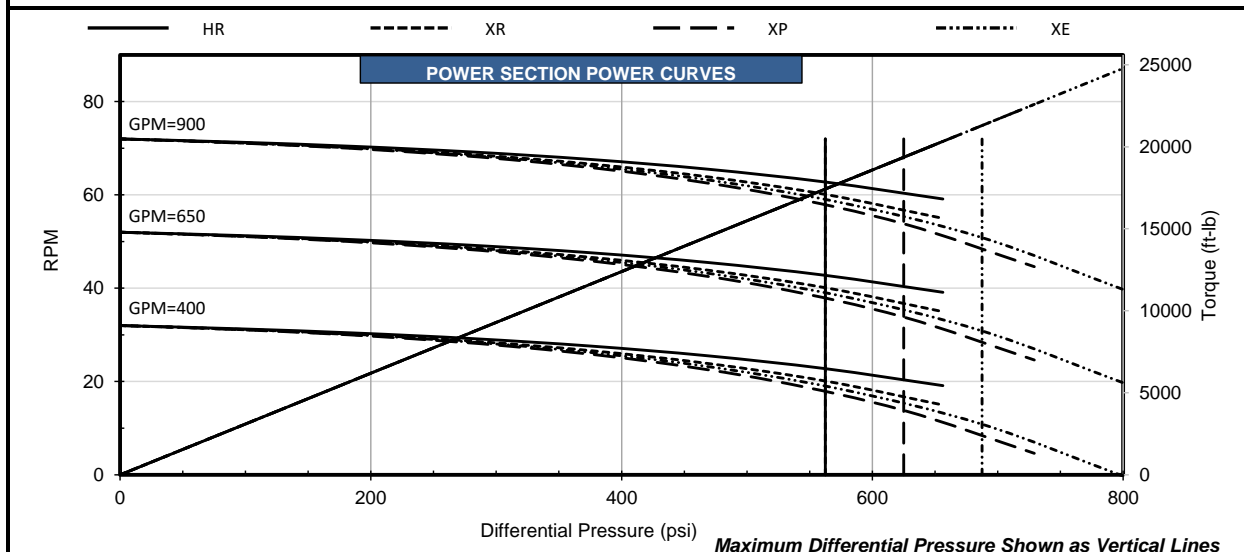
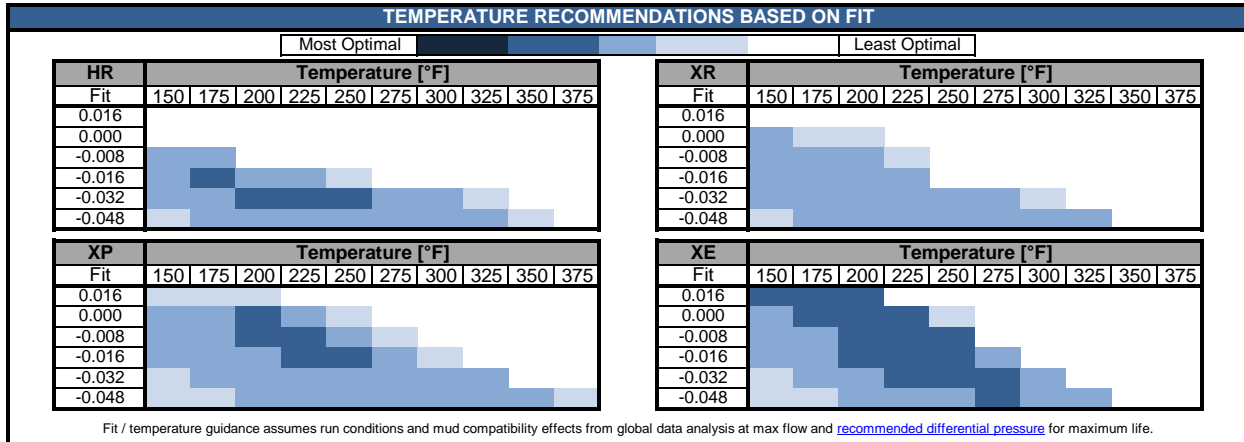
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	246.0	Overall Length (in)	254.0
Contour Length** (in)	239.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.300	Cutback #2** (in)	8.0
Major Diameter (in)	5.141	Tube O.D. (in)	8.00
Weight (lb)	1176	Tube I.D. (in)	6.25
Head Diameter*** (in)	4.63	Weight (lb)	1550
Material**	17-4SS		
Thread Form***	3 1/2 API IF		

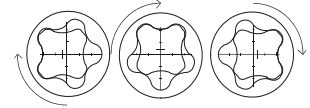
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS				
	HR	XR	XP	XE
Torque Slope	30.976 ft-lb/psi			
Flow Range	400 to 900 GPM			
RPG	0.080 rev/gal			
Speed Range	32 to 72 RPM			
Off Bottom Press.	93 psi			
Max. Diff. Press. (psi)	560	560	630	690
Max. Torque (ft-lb)	17420	17420	19360	21300
Stall Diff. Press. (psi)	840	840	940	1030
Stall Torque (ft-lb)	26140	26140	29040	31940
Max. Recommended (HP)	208	199	198	206
PSI Per Stage	225	225	250	275
PSI Per Cavity	43	43	48	53
Temperature Slope (in/F)	0.000298	0.000280	0.000298	0.000314



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	114.53	114.58*	114.53*	114.53*
Standard	115.32	115.32*	115.32*	115.32*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.81	0.79*	0.81*	0.81*
Standard	0.05	0.05*	0.05*	0.05*
1 Oversize				
2 Oversize				

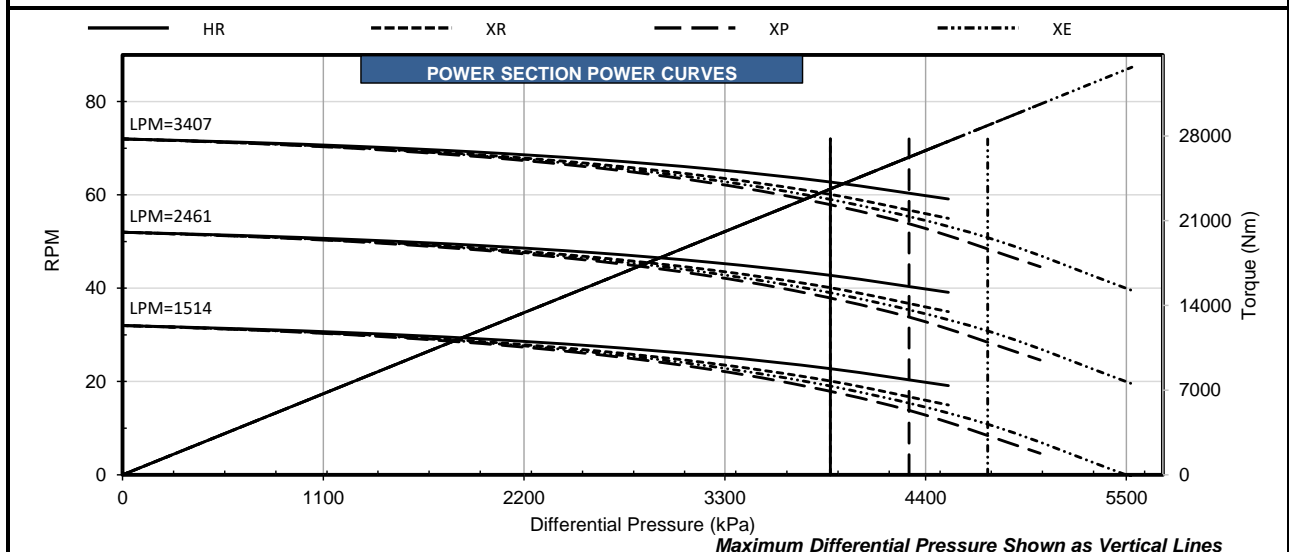
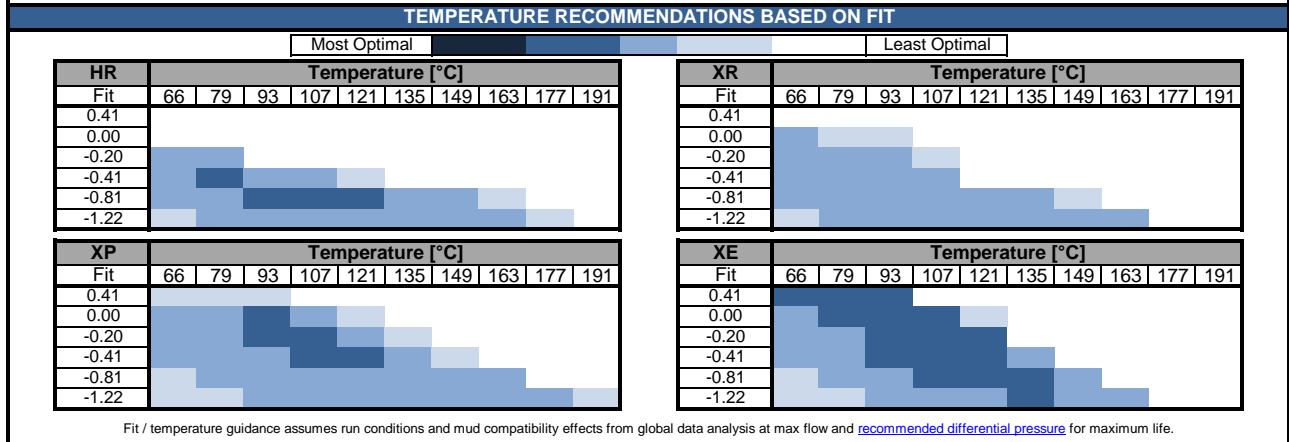
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6248.4	Overall Length (mm)	6451.6
Contour Length** (mm)	6070.6	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.61	Cutback #2** (mm)	203.2
Major Diameter (mm)	130.58	Tube O.D. (mm)	203.2
Weight (kg)	533	Tube I.D. (mm)	158.8
Head Diameter*** (mm)	117.60	Weight (kg)	703
Material**	17-4SS		
Thread Form**	3 1/2 API IF		

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***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	6.091 Nm/kPa					
Flow Range	1514 to 3407 Litre/min					
RPG	0.021 rev/litre					
Speed Range	32 to 72 RPM					
Off Bottom Press.	641 kPa					
		Max. Diff. Press. (kPa)	3861	3861	4344	4757
		Max. Torque (Nm)	23618	23618	26249	28879
		Stall Diff. Press. (kPa)	5792	5792	6481	7102
		Stall Torque (Nm)	35441	35441	39373	43305
		Max. Recommended (kW)	155	149	148	154
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	296	296	331	365
		Temperature Slope (mm/°C)	0.0136	0.0128	0.0136	0.0143



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