

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	4.717	4.717*	4.717*	4.717*
Standard	4.731	4.743	4.731*	4.731*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.009	0.009*	0.009*	0.009*
Standard	-0.005	-0.017	-0.005*	-0.005*
1 Oversize				
2 Oversize				

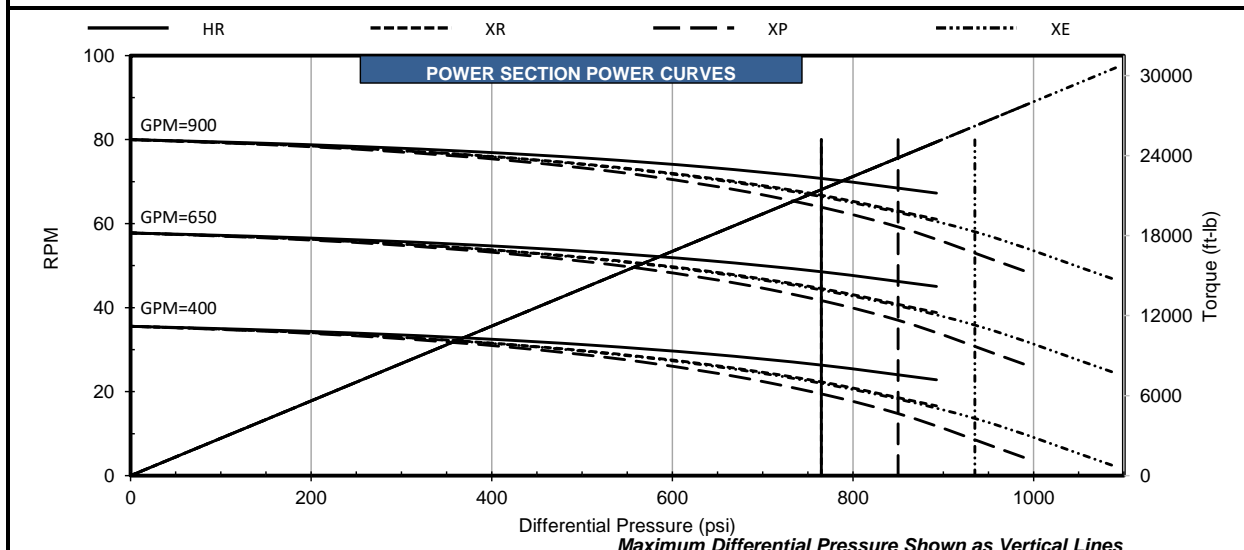
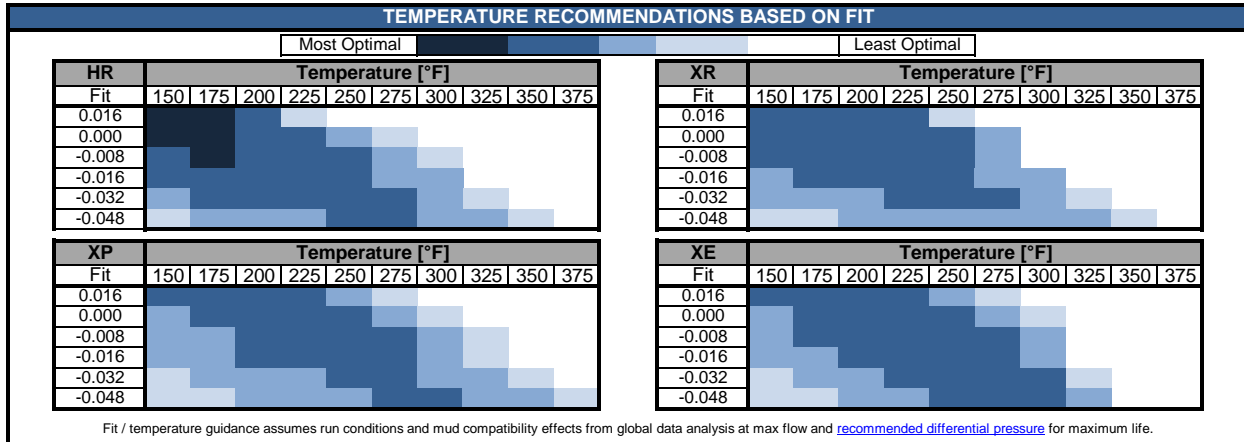
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	293.0	Overall Length (in)	300.0
Contour Length** (in)	285.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.291	Cutback #2** (in)	8.0
Major Diameter (in)	5.307	Tube O.D. (in)	8.00
Weight (lb)	1331	Tube I.D. (in)	6.25
Head Diameter*** (in)	4.75	Weight (lb)	1596
Material**	17-4SS		
Thread Form***	3 1/2 API IF		

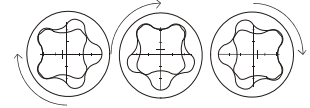
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	28.040 ft-lb/psi					
Flow Range	400 to 900 GPM					
RPG	0.089 rev/gal					
Speed Range	36 to 80 RPM					
Off Bottom Press.	150 psi					
		Max. Diff. Press. (psi)	770	770	850	940
		Max. Torque (ft-lb)	21450	21450	23830	26220
		Stall Diff. Press. (psi)	1150	1150	1280	1400
		Stall Torque (ft-lb)	32180	32180	35750	39330
		Max. Recommended (HP)	289	273	269	290
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	38	38	42	46
		Temperature Slope (in/°F)	0.000321	0.000303	0.000321	0.000338



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	119.81	119.81*	119.81*	119.81*
Standard	120.17	120.47	120.17*	120.17*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.23	0.23*	0.23*	0.23*
Standard	-0.13	-0.43	-0.13*	-0.13*
1 Oversize				
2 Oversize				

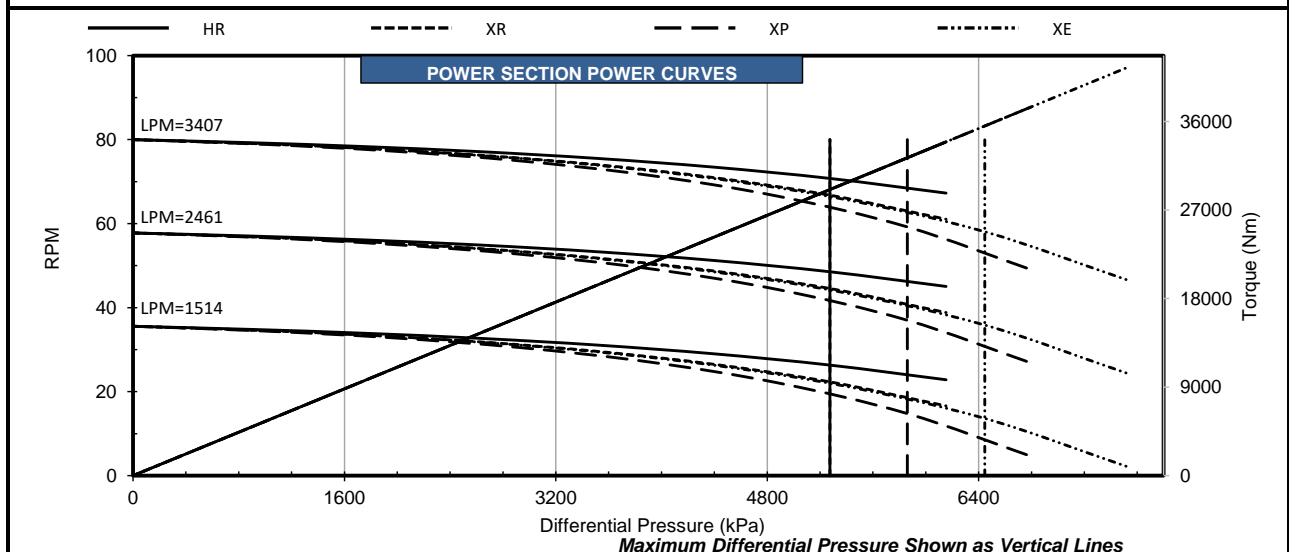
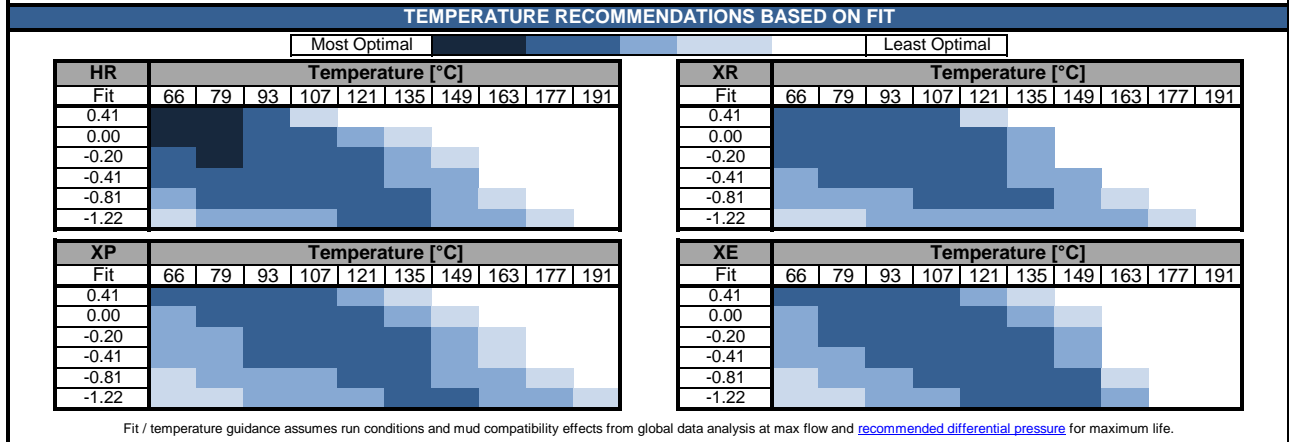
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7442.2	Overall Length (mm)	7620.0
Contour Length** (mm)	7239.0	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.38	Cutback #2** (mm)	203.2
Major Diameter (mm)	134.80	Tube O.D. (mm)	203.2
Weight (kg)	604	Tube I.D. (mm)	158.8
Head Diameter*** (mm)	120.65	Weight (kg)	724
Material**	17-4SS		
Thread Form**	3 1/2 API IF		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	5.514 Nm/kPa	5309	5309	5861	6481	
Flow Range	1514 to 3407 Litre/min	29082	29082	32309	35550	
RPG	0.023 rev/litre	7929	7929	8825	9653	
Speed Range	36 to 80 RPM	43630	43630	48470	53324	
Off Bottom Press.	1034 kPa	216	203	200	216	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	262	262	290	317
		Temperature Slope (mm/°C)	0.0147	0.0138	0.0147	0.0155



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