

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	4.064	4.064*	4.063	4.071
1 Oversize	4.085	4.085*	4.085*	4.085*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.001	0.001*	0.002	-0.006
1 Oversize	-0.020	-0.020*	-0.020*	-0.020*
2 Oversize				

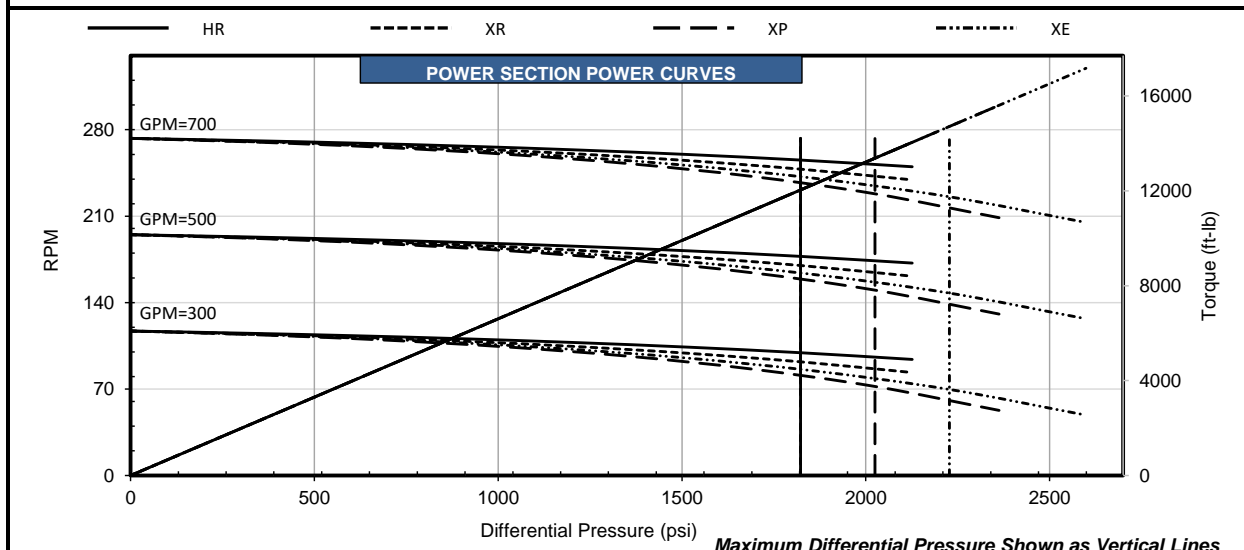
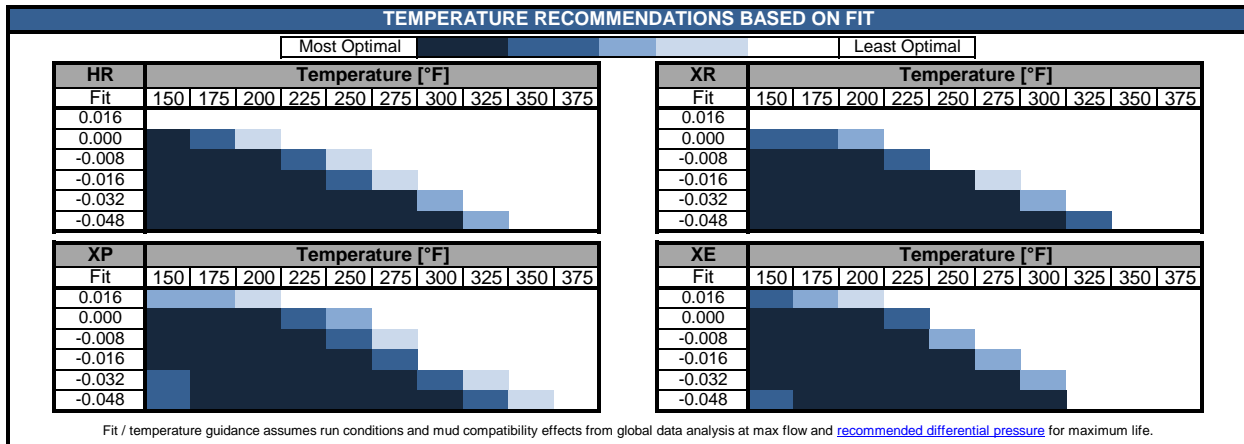
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	223.0	Overall Length (in)	232.0
Contour Length** (in)	217.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.282	Cutback #2** (in)	8.0
Major Diameter (in)	4.629	Tube O.D. (in)	6.75
Weight (lb)	723	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.25	Weight (lb)	688
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

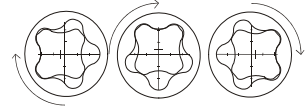
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	6.605 ft-lb/psi					
Flow Range	300 to 700 GPM					
RPG	0.390 rev/gal					
Speed Range	117 to 273 RPM					
Off Bottom Press.	171 psi					
		Max. Diff. Press. (psi)	1820	1820	2030	2230
		Max. Torque (ft-lb)	12040	12040	13380	14710
		Stall Diff. Press. (psi)	2730	2730	3040	3340
		Stall Torque (ft-lb)	18060	18060	20060	22070
		Max. Recommended (HP)	585	569	581	632
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	36	36	40	44
		Temperature Slope (in/°F)	0.000336	0.000318	0.000336	0.000356



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	103.23	103.23*	103.20	103.40
1 Oversize	103.76	103.76*	103.76*	103.76*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.03	0.03*	0.05	-0.15
1 Oversize	-0.51	-0.51*	-0.51*	-0.51*
2 Oversize				

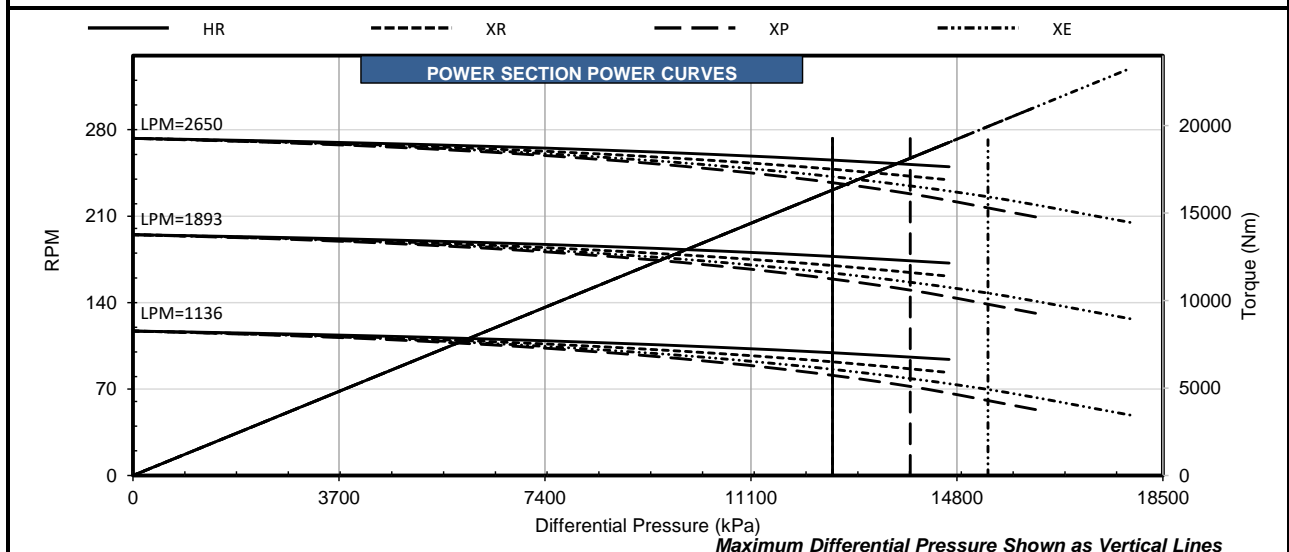
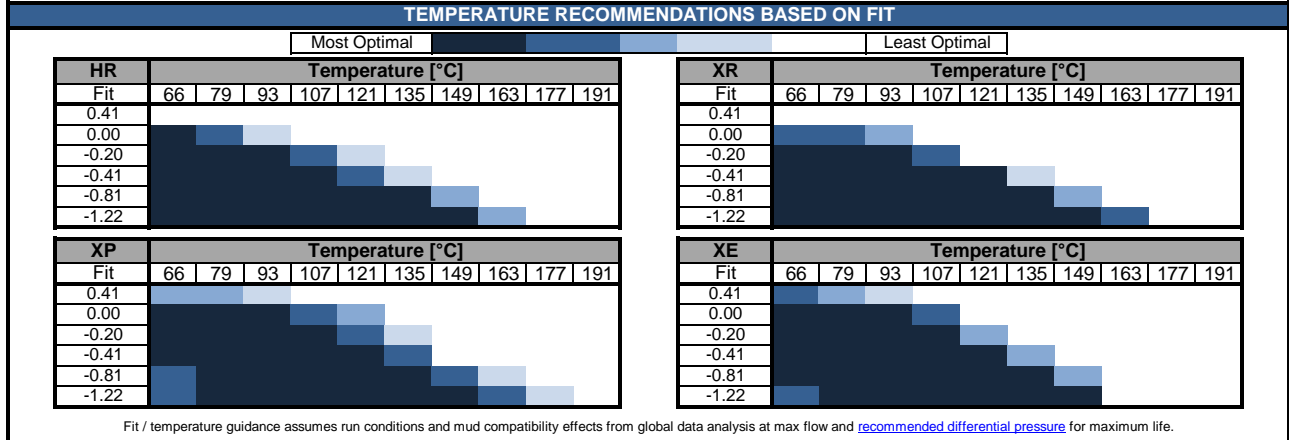
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5664.2	Overall Length (mm)	5892.8
Contour Length** (mm)	5511.8	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.16	Cutback #2** (mm)	203.2
Major Diameter (mm)	117.58	Tube O.D. (mm)	171.5
Weight (kg)	328	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	107.95	Weight (kg)	312
Material**	17-4SS		
Thread Form**	2 7/8 API REG		

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***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	1.299 Nm/kPa					
Flow Range	1136 to 2650 Litre/min					
RPG	0.103 rev/litre					
Speed Range	117 to 273 RPM					
Off Bottom Press.	1179 kPa					
		Max. Diff. Press. (kPa)	12548	12548	13996	15375
		Max. Torque (Nm)	16324	16324	18141	19944
		Stall Diff. Press. (kPa)	18823	18823	20960	23028
		Stall Torque (Nm)	24486	24486	27198	29923
		Max. Recommended (kW)	437	424	433	472
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	248	248	276	303
		Temperature Slope (mm/°C)	0.0154	0.0145	0.0154	0.0163



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