

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	5.770*			5.770*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.003*			0.003*
1 Oversize				
2 Oversize				

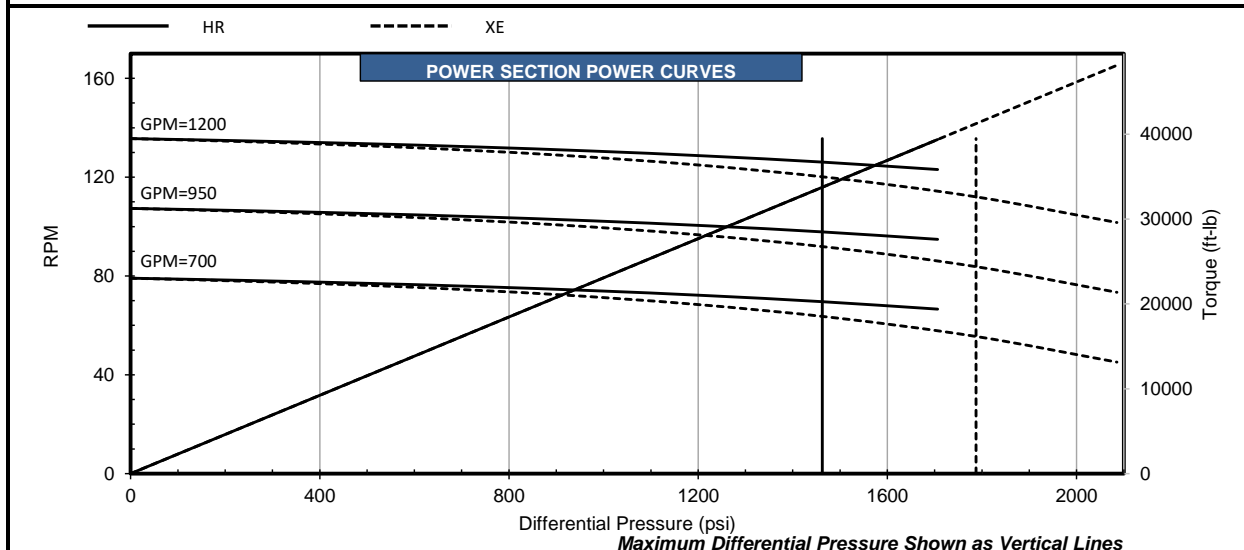
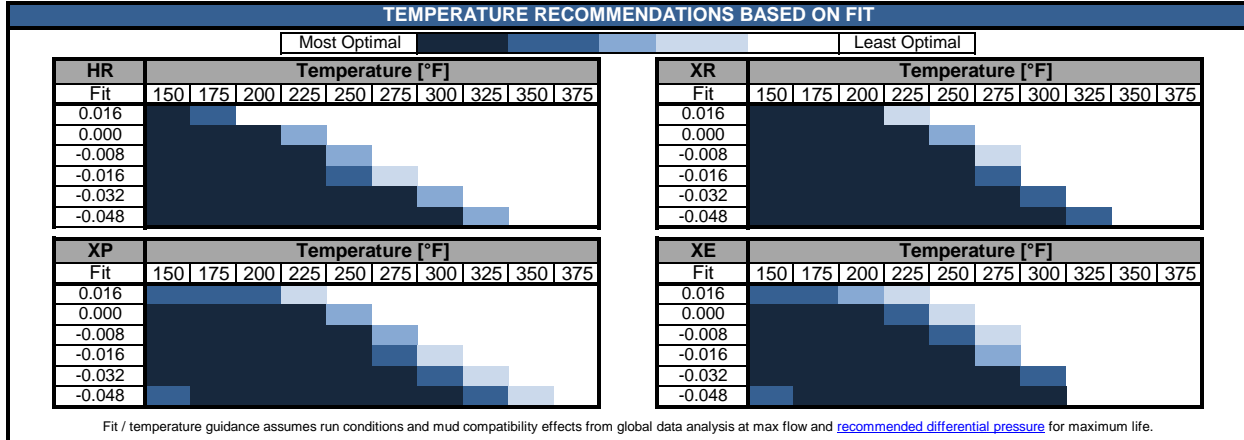
\*Pending production measurements

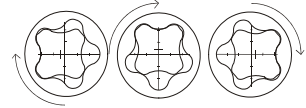
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	290.0	Overall Length (in)	300.0
Contour Length** (in)	281.0	Cutback #1** (in)	10.0
Eccentricity (in)	0.369	Cutback #2** (in)	10.0
Major Diameter (in)	6.511	Tube O.D. (in)	9.63
Weight (lb)	1905	Tube I.D. (in)	7.88
Head Diameter*** (in)	5.50	Weight (lb)	2234
Material**	17-4SS		
Thread Form***	4 API FH		

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

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS				
	HR	XR	XP	XE
Torque Slope	23.077 ft-lb/psi			
Flow Range	700 to 1200 GPM			
RPG	0.113 rev/gal			
Speed Range	79 to 136 RPM			
Off Bottom Press.	161 psi			
		Max. Diff. Press. (psi)	1460	1790
		Max. Torque (ft-lb)	33750	41250
		Stall Diff. Press. (psi)	2190	2680
		Stall Torque (ft-lb)	50630	61880
		Max. Recommended (HP)	810	880
		PSI Per Stage	225	275
		PSI Per Cavity	33	40
		Temperature Slope (in/°F)	0.000369	0.000390





## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	146.56*			146.56*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.08*			0.08*
1 Oversize				
2 Oversize				

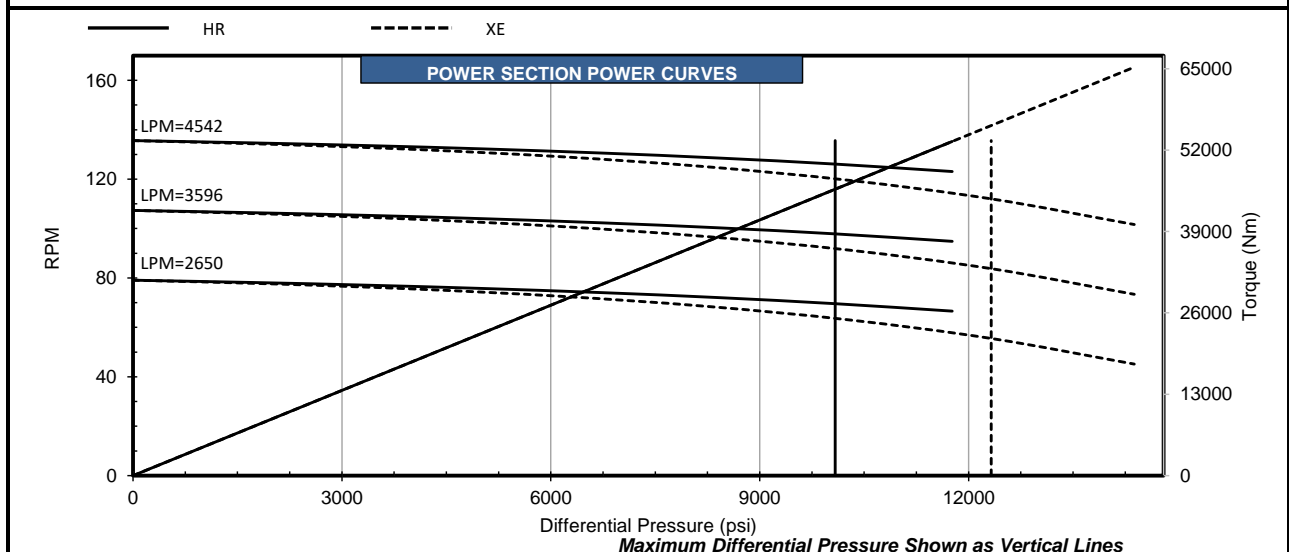
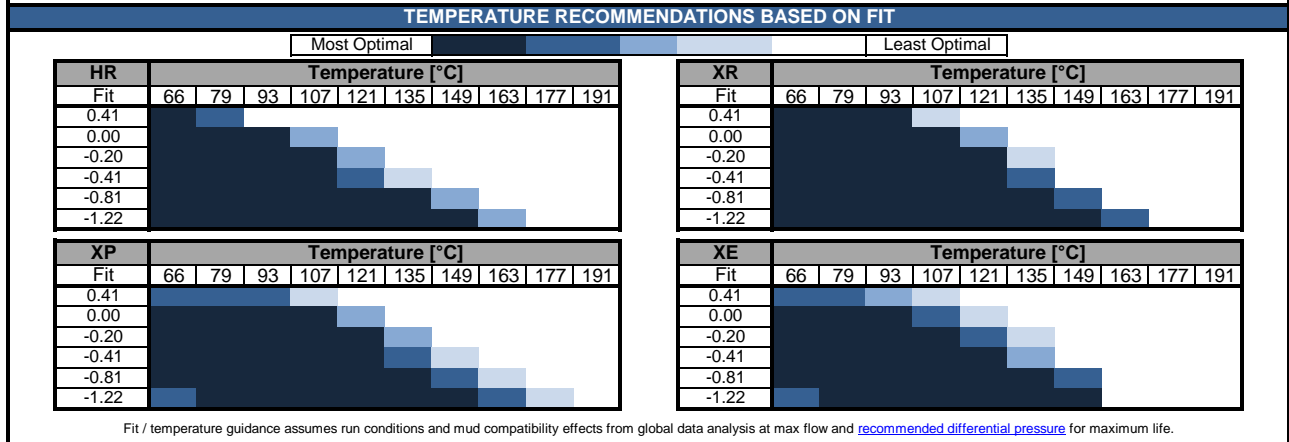
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7366.0	Overall Length (mm)	7620.0
Contour Length** (mm)	7137.4	Cutback #1** (mm)	254.0
Eccentricity (mm)	9.38	Cutback #2** (mm)	254.0
Major Diameter (mm)	165.38	Tube O.D. (mm)	244.6
Weight (kg)	864	Tube I.D. (mm)	200.2
Head Diameter*** (mm)	139.70	Weight (kg)	1013
Material**	17-4SS		
Thread Form**	4 API FH		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	4.538 Nm/kPa				
Flow Range	2650 to 4542 Litre/min				
RPG	0.030 rev/litre				
Speed Range	79 to 136 RPM				
Off Bottom Press.	1110 kPa				
		Max. Diff. Press. (kPa)	10066		12342
		Max. Torque (Nm)	45759		55927
		Stall Diff. Press. (kPa)	15100		18478
		Stall Torque (Nm)	68645		83898
		Max. Recommended (kW)	604		656
		kPa Per Stage	1551		1896
		kPa Per Cavity	228		276
		Temperature Slope (mm/°C)	0.0169		0.0178



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.