

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.875		3.875*	3.875*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.013		0.013*	0.013*
1 Oversize				
2 Oversize				

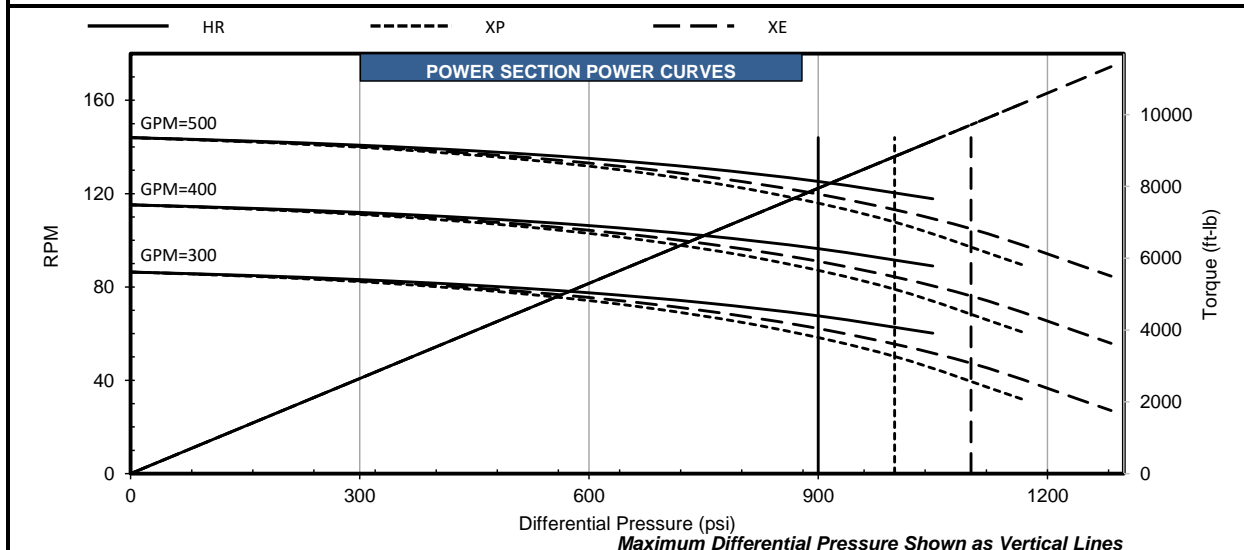
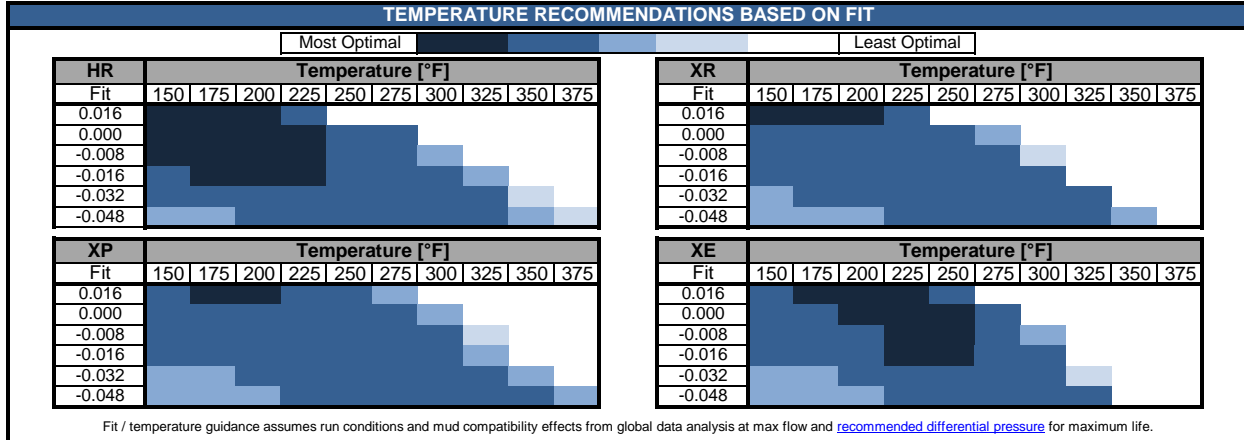
\*Pending production measurements

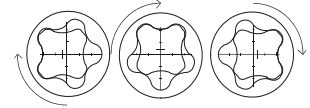
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	152.0	Overall Length (in)	170.0
Contour Length** (in)	146.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.217	Cutback #2** (in)	8.0
Major Diameter (in)	4.322	Tube O.D. (in)	6.50
Weight (lb)	511	Tube I.D. (in)	5.25
Head Diameter*** (in)	3.75	Weight (lb)	600
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	8.833 ft-lb/psi				
Flow Range	300 to 500 GPM				
RPG	0.288 rev/gal				
Speed Range	86 to 144 RPM				
Off Bottom Press.	97 psi				
		Max. Diff. Press. (psi)	900	1000	1100
		Max. Torque (ft-lb)	7950	8830	9720
		Stall Diff. Press. (psi)	1350	1500	1650
		Stall Torque (ft-lb)	11920	13250	14570
		Max. Recommended (HP)	190	181	194
		PSI Per Stage	225	250	275
		PSI Per Cavity	32	36	39
		Temperature Slope (in/°F)	0.000245	0.000245	0.000258





## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	98.43		98.43*	98.43*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.33		0.33*	0.33*
1 Oversize				
2 Oversize				

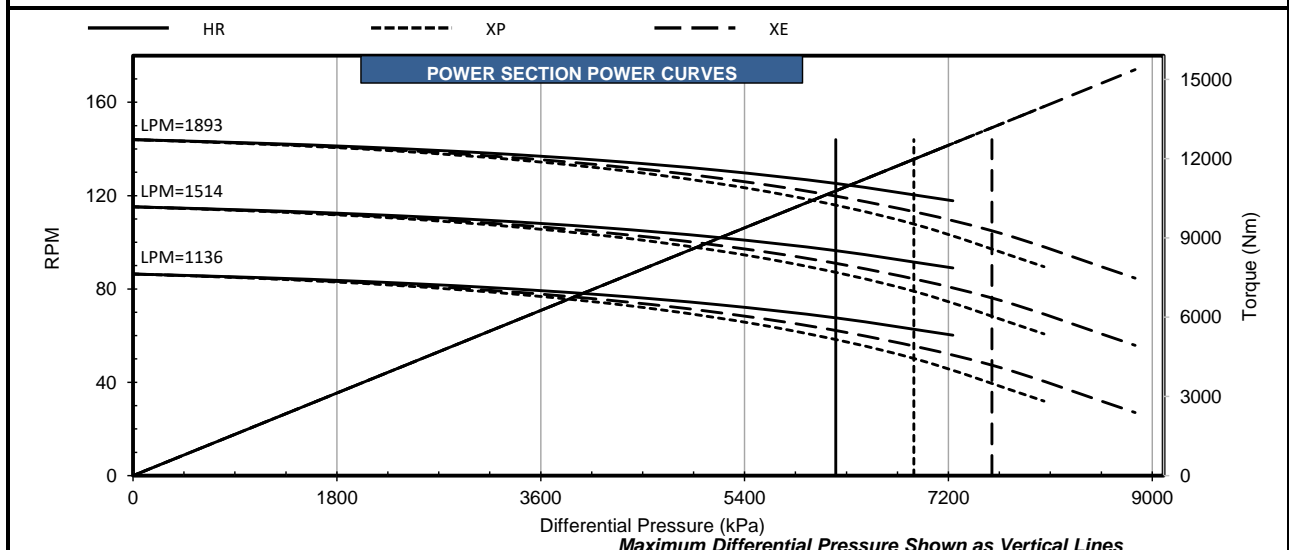
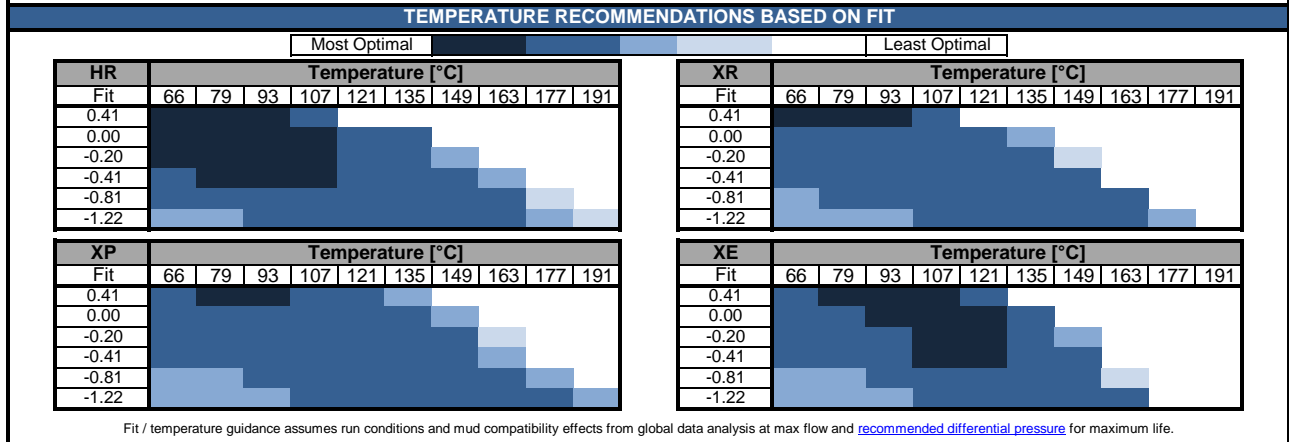
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	3860.8	Overall Length (mm)	4318.0
Contour Length** (mm)	3708.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.51	Cutback #2** (mm)	203.2
Major Diameter (mm)	109.78	Tube O.D. (mm)	165.1
Weight (kg)	232	Tube I.D. (mm)	133.4
Head Diameter*** (mm)	95.25	Weight (kg)	272
Material**	17-4SS		
Thread Form**	2 7/8 API REG		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.737 Nm/kPa	6205		6895	7584
Flow Range	1136 to 1893 Litre/min	10779		11972	13179
RPG	0.076 rev/litre	9308		10342	11376
Speed Range	86 to 144 RPM	16161		17965	19754
Off Bottom Press.	669 kPa	141		135	145
		kPa Per Stage		1724	1896
		kPa Per Cavity		248	269
		Temperature Slope (mm/°C)	0.0112	0.0112	0.0118



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.