

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.278		3.278*	3.278*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.031		-0.031*	-0.031*
1 Oversize				
2 Oversize				

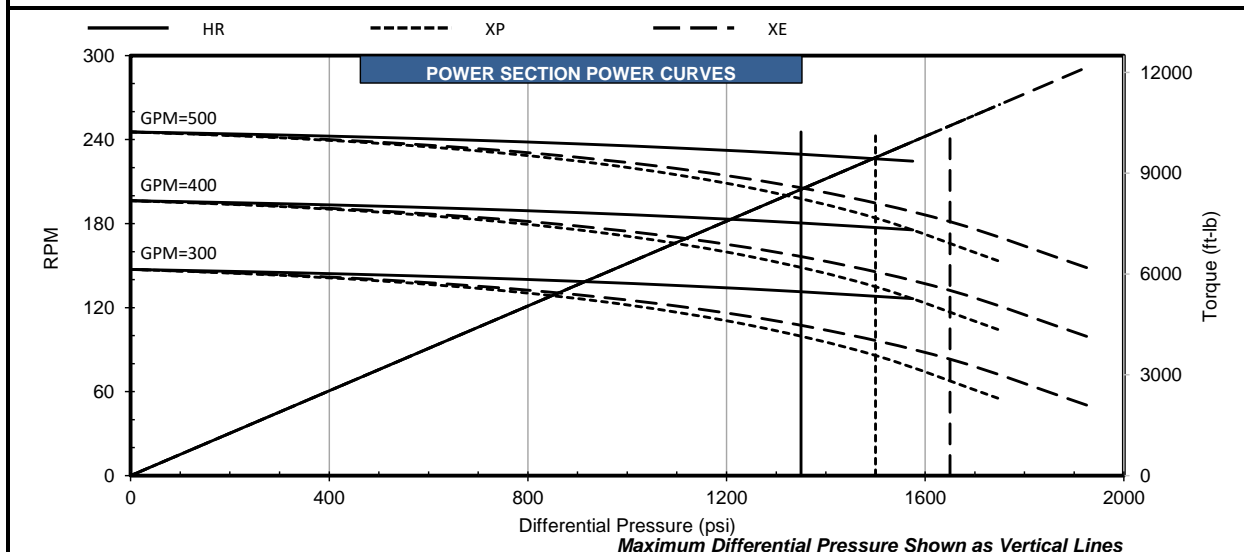
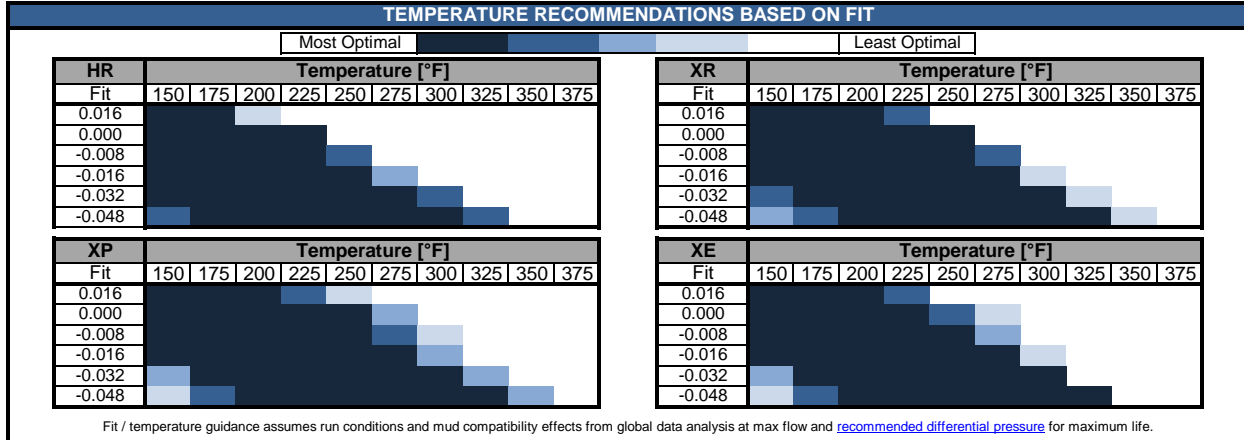
\*Pending production measurements

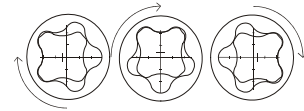
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	221.0	Overall Length (in)	230.0
Contour Length** (in)	213.3	Cutback #1** (in)	9.0
Eccentricity (in)	0.355	Cutback #2** (in)	9.0
Major Diameter (in)	3.957	Tube O.D. (in)	6.75
Weight (lb)	433	Tube I.D. (in)	5.31
Head Diameter*** (in)	4.00	Weight (lb)	942
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	6.311 ft-lb/psi				
Flow Range	300 to 500 GPM				
RPG	0.491 rev/gal				
Speed Range	147 to 246 RPM				
Off Bottom Press.	176 psi				
		Max. Diff. Press. (psi)	1350	1500	1650
		Max. Torque (ft-lb)	8520	9470	10410
		Stall Diff. Press. (psi)	2030	2250	2480
		Stall Torque (ft-lb)	12780	14200	15620
		Max. Recommended (HP)	372	332	360
		PSI Per Stage	225	250	275
		PSI Per Cavity	52	58	63
		Temperature Slope (in/°F)	0.000401	0.000401	0.000430





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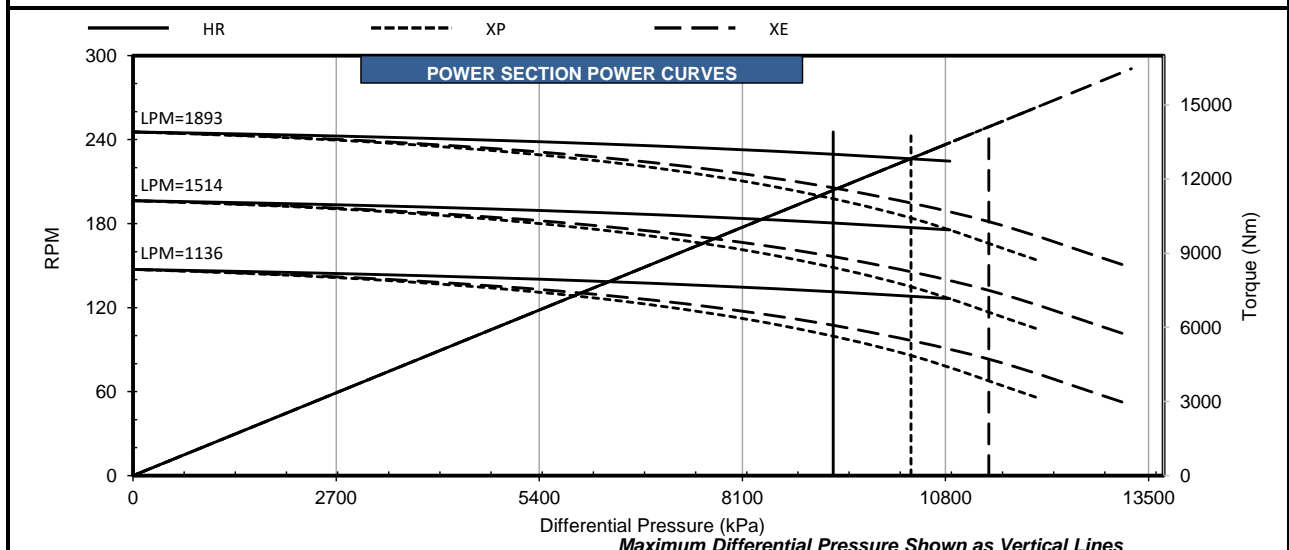
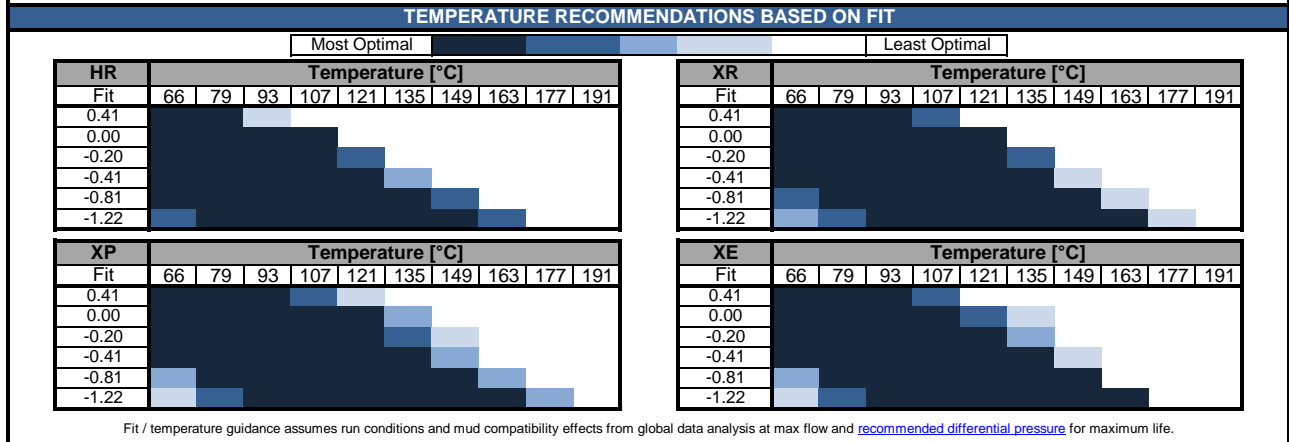
FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	83.26		83.26*	83.26*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.79		-0.79*	-0.79*
1 Oversize				
2 Oversize				

\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5613.4	Overall Length (mm)	5842.0
Contour Length** (mm)	5417.8	Cutback #1** (mm)	228.6
Eccentricity (mm)	9.02	Cutback #2** (mm)	228.6
Major Diameter (mm)	100.51	Tube O.D. (mm)	171.5
Weight (kg)	196	Tube I.D. (mm)	134.9
Head Diameter*** (mm)	101.60	Weight (kg)	427
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	1.241 Nm/kPa				
Flow Range	1136 to 1893 Litre/min				
RPG	0.130 rev/litre				
Speed Range	147 to 246 RPM				
Off Bottom Press.	1213 kPa				
		Max. Diff. Press. (kPa)	9308	10342	11376
		Max. Torque (Nm)	11552	12840	14114
		Stall Diff. Press. (kPa)	13996	15513	17099
		Stall Torque (Nm)	17327	19253	21178
		Max. Recommended (kW)	278	247	268
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	359	400	434
		Temperature Slope (mm/°C)	0.0183	0.0183	0.0197



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.