

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	5.290*		5.290*	5.290*
Standard	5.318	5.318*	5.318*	5.318*
1 Oversize	5.347	5.347*	5.347*	5.347*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.051*		0.051*	0.051*
Standard	0.024	0.024*	0.024*	0.024*
1 Oversize	-0.006	-0.006*	-0.006*	-0.006*
2 Oversize				

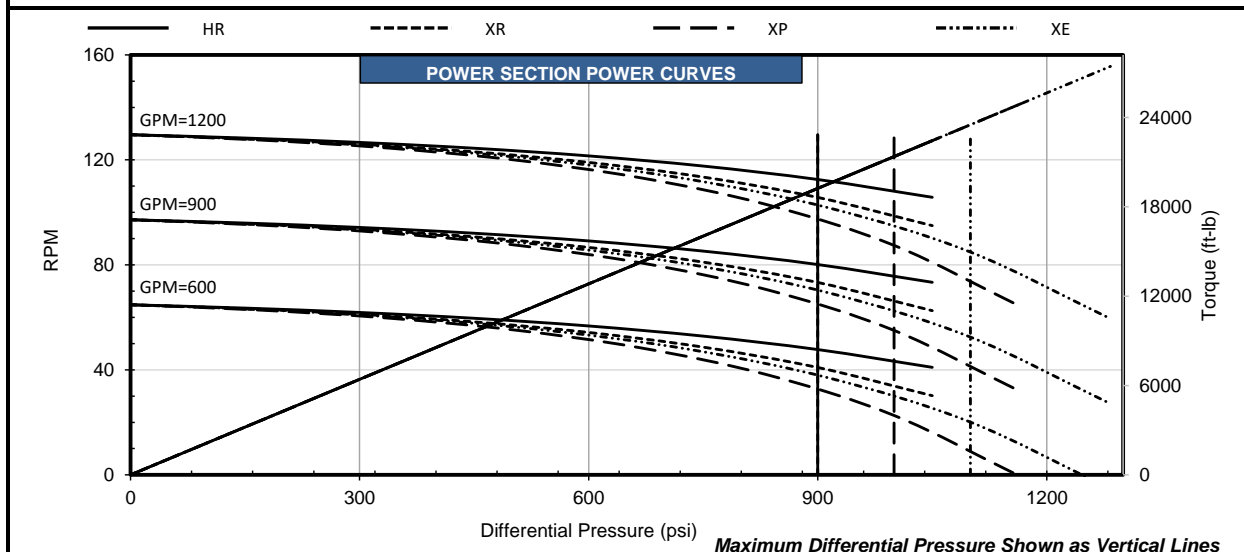
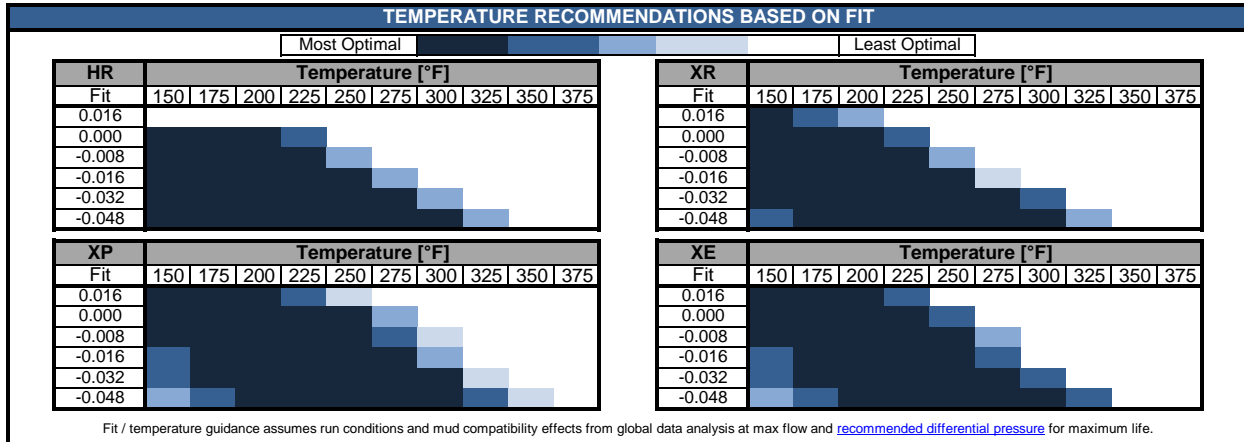
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	218.0	Overall Length (in)	228.0
Contour Length** (in)	210.0	Cutback #1** (in)	10.0
Eccentricity (in)	0.450	Cutback #2** (in)	10.0
Major Diameter (in)	6.241	Tube O.D. (in)	9.63
Weight (lb)	1100	Tube I.D. (in)	7.88
Head Diameter*** (in)	5.50	Weight (lb)	1743
Material**	17-4SS		
Thread Form***	4 API FH		

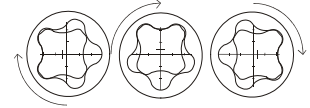
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	21.373 ft-lb/psi					
Flow Range	600 to 1200 GPM					
RPG	0.108 rev/gal					
Speed Range	65 to 130 RPM					
Off Bottom Press.	233 psi					
		Max. Diff. Press. (psi)	900	900	1000	1100
		Max. Torque (ft-lb)	19240	19240	21370	23510
		Stall Diff. Press. (psi)	1350	1350	1500	1650
		Stall Torque (ft-lb)	28850	28850	32060	35270
		Max. Recommended (HP)	412	387	356	380
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	47	47	53	58
		Temperature Slope (in/F)	0.000470	0.000444	0.000470	0.000492



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	134.37*		134.37*	134.37*
Standard	135.08	135.08*	135.08*	135.08*
1 Oversize	135.81	135.81*	135.81*	135.81*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	1.30*		1.30*	1.30*
Standard	0.61	0.61*	0.61*	0.61*
1 Oversize	-0.15	-0.15*	-0.15*	-0.15*
2 Oversize				

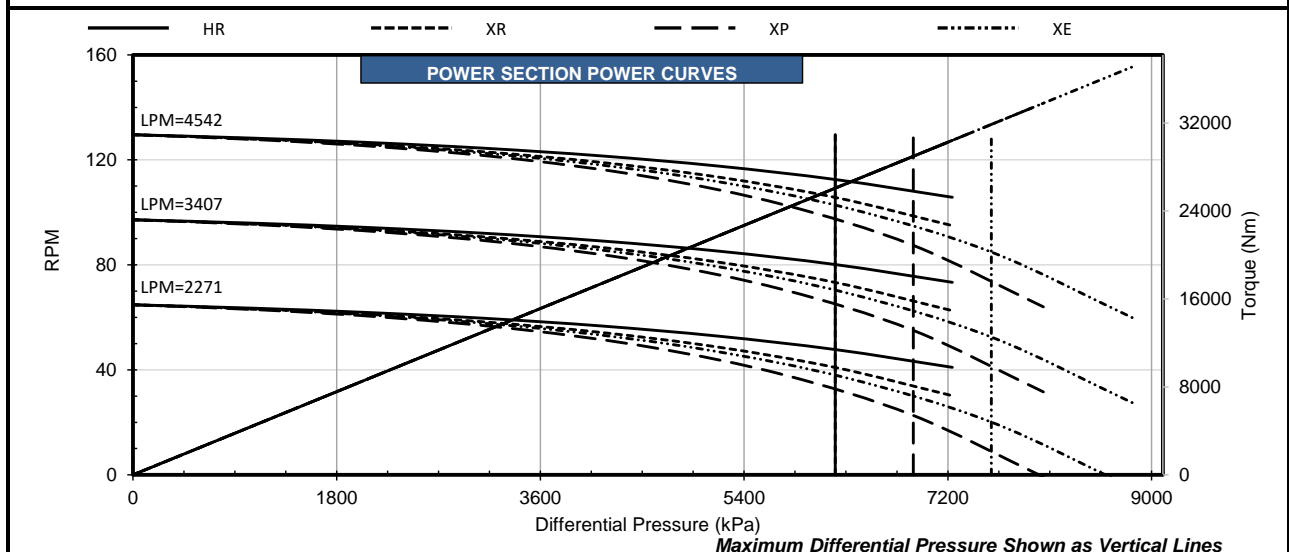
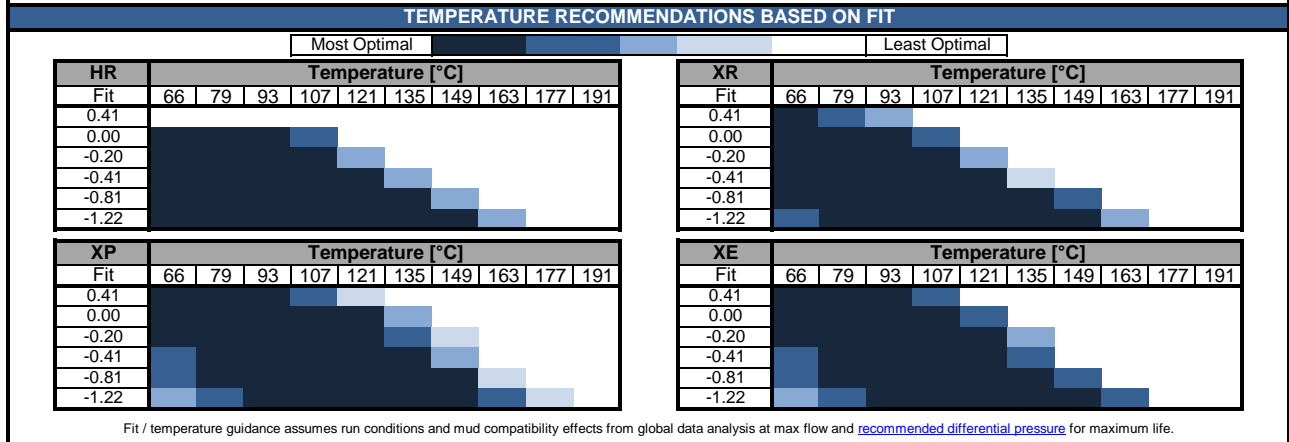
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5537.2	Overall Length (mm)	5791.2
Contour Length** (mm)	5334.0	Cutback #1** (mm)	254.0
Eccentricity (mm)	11.42	Cutback #2** (mm)	254.0
Major Diameter (mm)	158.52	Tube O.D. (mm)	244.6
Weight (kg)	499	Tube I.D. (mm)	200.2
Head Diameter*** (mm)	139.70	Weight (kg)	791
Material**	17-4SS		
Thread Form**	4 API FH		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	4.203 Nm/kPa	6205	6205	6895	7584	Max. Diff. Press. (kPa)
Flow Range	2271 to 4542 Litre/min	26086	26086	28974	31875	Max. Torque (Nm)
RPG	0.029 rev/litre	9308	9308	10342	11376	Stall Diff. Press. (kPa)
Speed Range	65 to 130 RPM	39115	39115	43468	47820	Stall Torque (Nm)
Off Bottom Press.	1606 kPa	307	289	265	283	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		324	324	365	400	kPa Per Cavity
		0.0215	0.0203	0.0215	0.0225	Temperature Slope (mm/°C)



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