

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.798*		2.798*	2.798*
Standard	2.808*	2.808*	2.811	2.808*
0.5 Oversize	2.819	2.819*	2.819*	2.819*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.010*		0.010*	0.010*
Standard	0.000*	0.000*	-0.003	0.000*
0.5 Oversize	-0.011	-0.011*	-0.011*	-0.011*
1 Oversize				

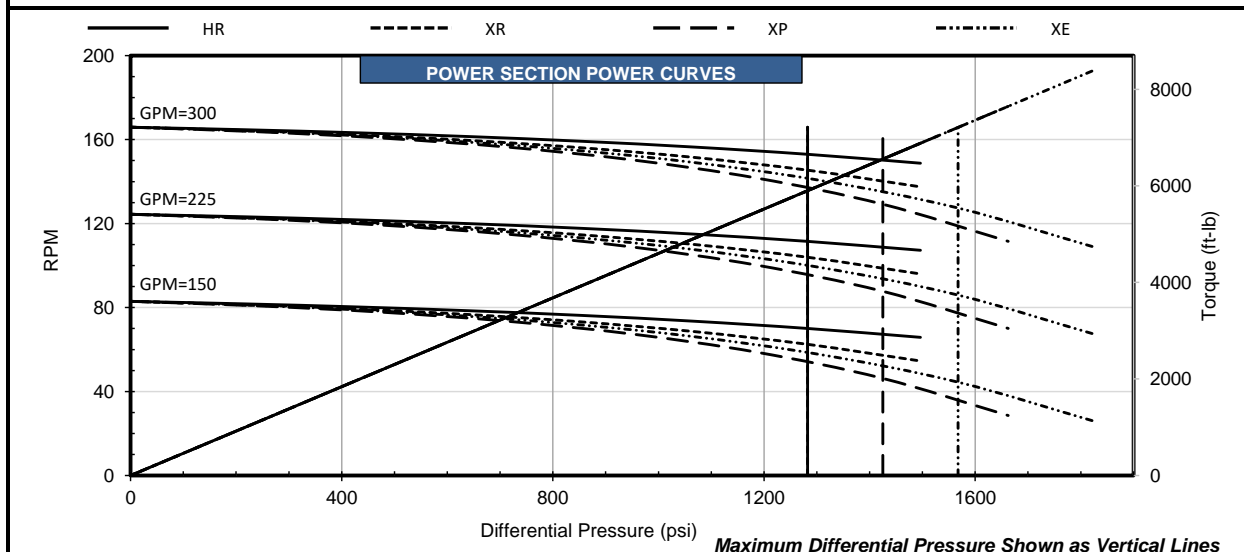
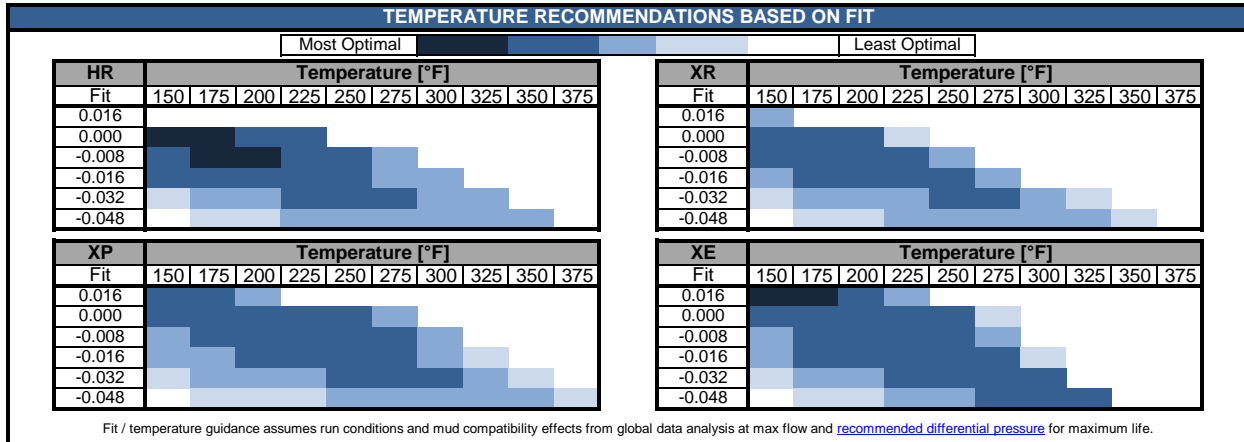
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	TBD	Overall Length (in)	250.0
Contour Length** (in)	TBD	Cutback #1** (in)	8.0
Eccentricity (in)	0.168	Cutback #2** (in)	8.0
Major Diameter (in)	3.144	Tube O.D. (in)	5.00
Weight (lb)	TBD	Tube I.D. (in)	4.00
Head Diameter*** (in)	TBD	Weight (lb)	548
Material**	145 KSI 17-4SS		
Thread Form***	TBD		

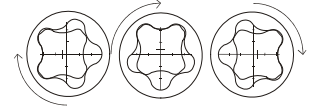
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	4.601 ft-lb/psi					
Flow Range	150 to 300 GPM					
RPG	0.553 rev/gal					
Speed Range	83 to 166 RPM					
Off Bottom Press.	82 psi					
		Max. Diff. Press. (psi)	1280	1280	1430	1570
		Max. Torque (ft-lb)	5900	5900	6560	7210
		Stall Diff. Press. (psi)	1920	1920	2140	2350
		Stall Torque (ft-lb)	8850	8850	9830	10820
		Max. Recommended (HP)	172	163	161	175
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	33	33	37	41
		Temperature Slope (in/°F)	0.000232	0.000220	0.000232	0.000244



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	71.07*		71.07*	71.07*
Standard	71.32*	71.32*	71.40	71.32*
0.5 Oversize	71.60	71.60*	71.60*	71.60*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.25*		0.25*	0.25*
Standard	0.00*	0.00*	-0.08	0.00*
0.5 Oversize	-0.28	-0.28*	-0.28*	-0.28*
1 Oversize				

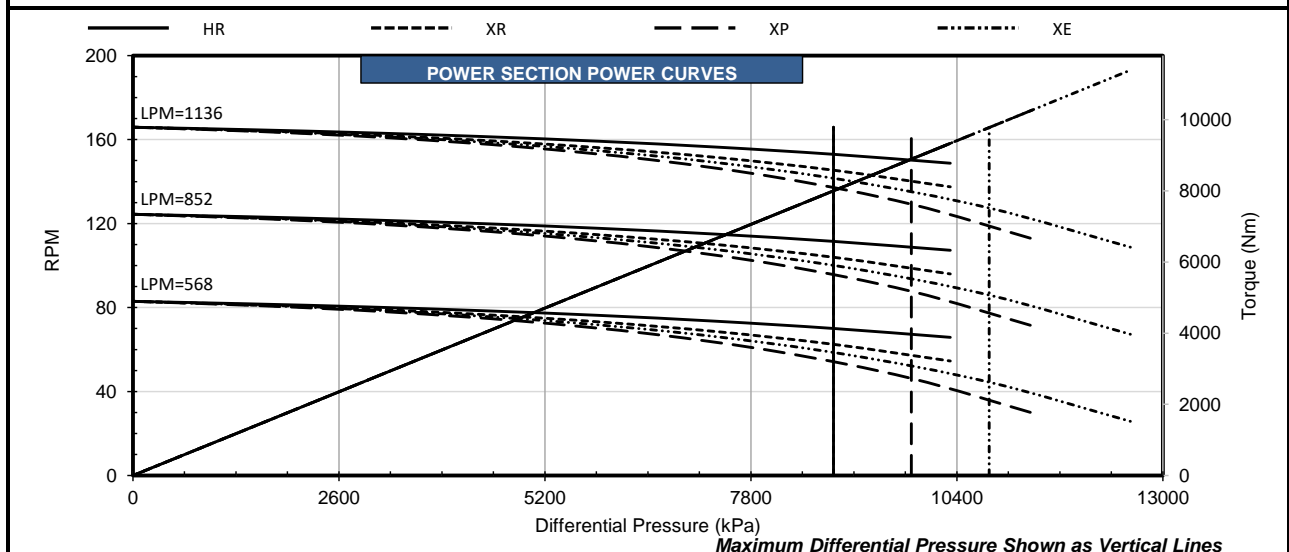
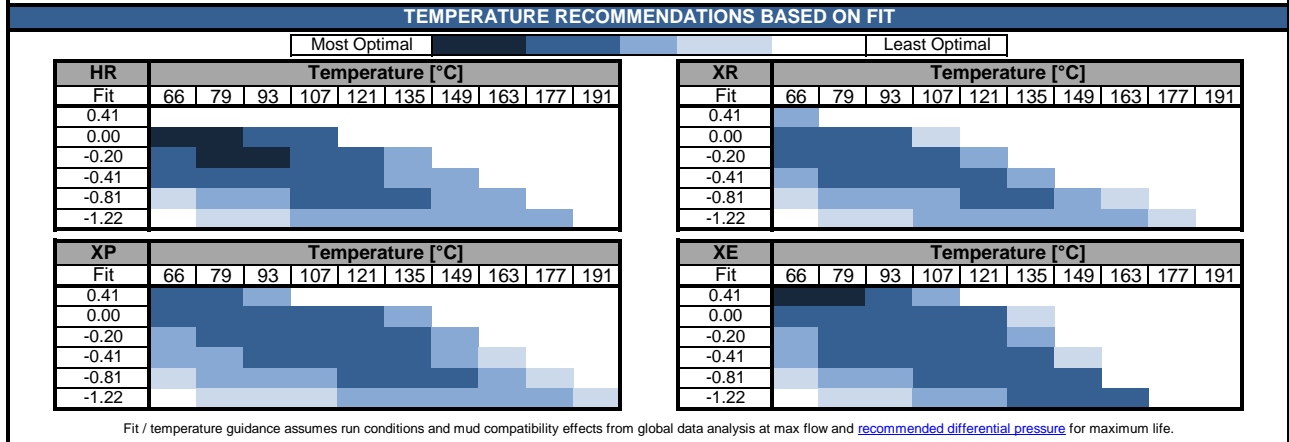
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	TBD	Overall Length (mm)	6350.0
Contour Length** (mm)	TBD	Cutback #1** (mm)	203.2
Eccentricity (mm)	4.27	Cutback #2** (mm)	203.2
Major Diameter (mm)	79.86	Tube O.D. (mm)	127.0
Weight (kg)	TBD	Tube I.D. (mm)	101.6
Head Diameter*** (mm)	TBD	Weight (kg)	249
Material**	145 KSI 17-4SS		
Thread Form**	TBD		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	0.905 Nm/kPa	8825	8825	9860	10825	Max. Diff. Press. (kPa)
Flow Range	568 to 1136 Litre/min	7999	7999	8894	9775	Max. Torque (Nm)
RPG	0.146 rev/litre	13238	13238	14755	16203	Stall Diff. Press. (kPa)
Speed Range	83 to 166 RPM	11999	11999	13328	14670	Stall Torque (Nm)
Off Bottom Press.	565 kPa	128	122	120	131	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		228	228	255	283	kPa Per Cavity
		0.0106	0.0101	0.0106	0.0112	Temperature Slope (mm/°C)



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