

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard				
0.5 Oversize	2.999*		2.999*	2.999*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard				
0.5 Oversize	-0.011*		-0.011*	-0.011*
1 Oversize				

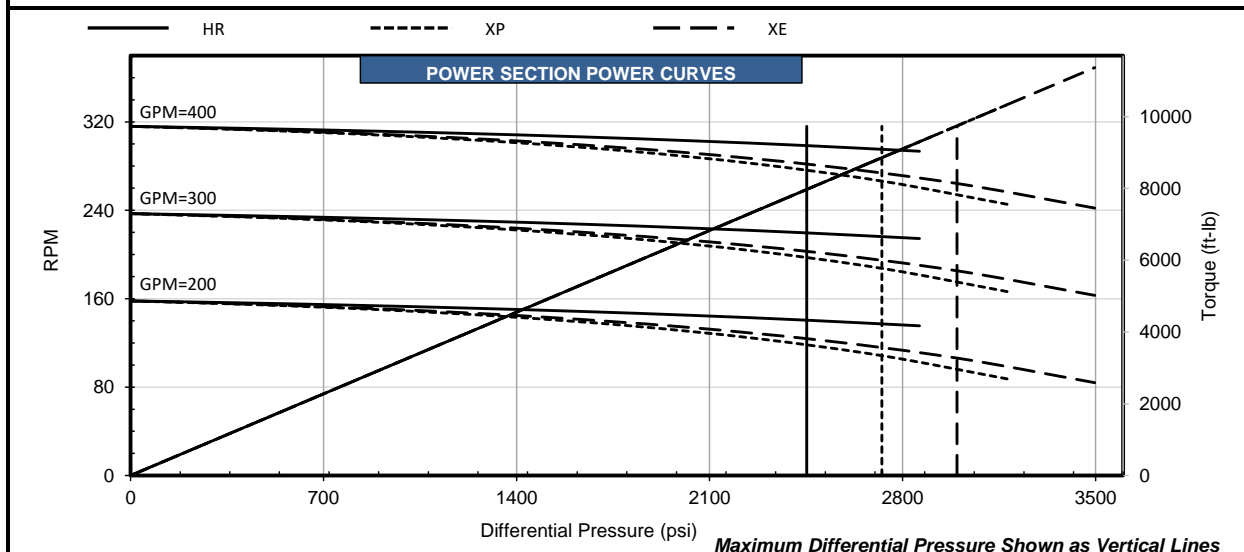
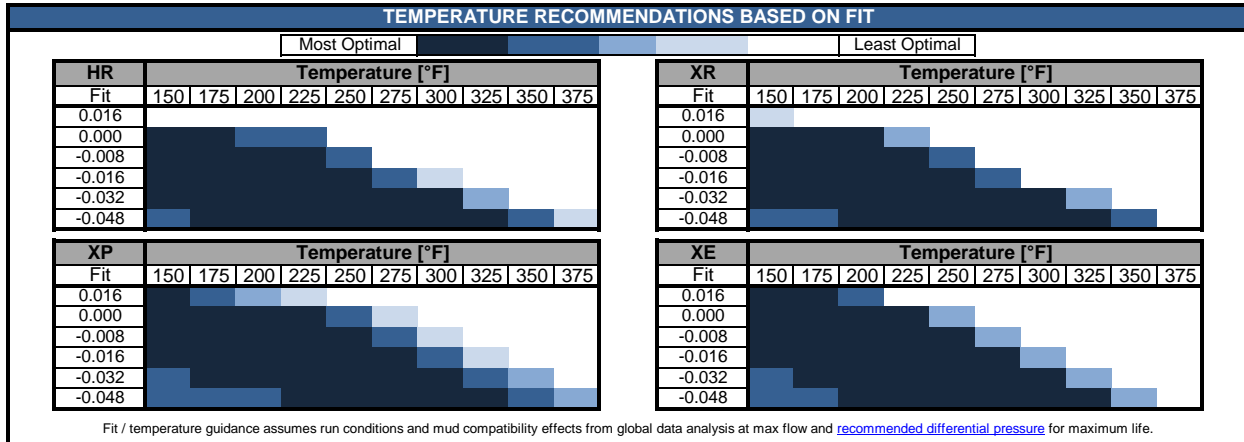
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	269.0	Overall Length (in)	275.0
Contour Length** (in)	258.0	Cutback #1** (in)	12.0
Eccentricity (in)	0.215	Cutback #2** (in)	12.0
Major Diameter (in)	3.419	Tube O.D. (in)	5.25
Weight (lb)	524	Tube I.D. (in)	4.00
Head Diameter*** (in)	3.91	Weight (lb)	605
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

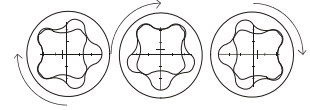
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	3.250 ft-lb/psi				
Flow Range	200 to 400 GPM				
RPG	0.790 rev/gal				
Speed Range	158 to 316 RPM				
Off Bottom Press.	175 psi				
		Max. Diff. Press. (psi)	2450	2730	3000
		Max. Torque (ft-lb)	7970	8860	9740
		Stall Diff. Press. (psi)	3680	4090	4500
		Stall Torque (ft-lb)	11960	13280	14610
		Max. Recommended (HP)	453	449	490
		PSI Per Stage	225	250	275
		PSI Per Cavity	35	39	43
		Temperature Slope (in/°F)	0.000257	0.000257	0.000271



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				
Standard				
0.5 Oversize	76.17*		76.17*	76.17*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard				
0.5 Oversize	-0.28*		-0.28*	-0.28*
1 Oversize				

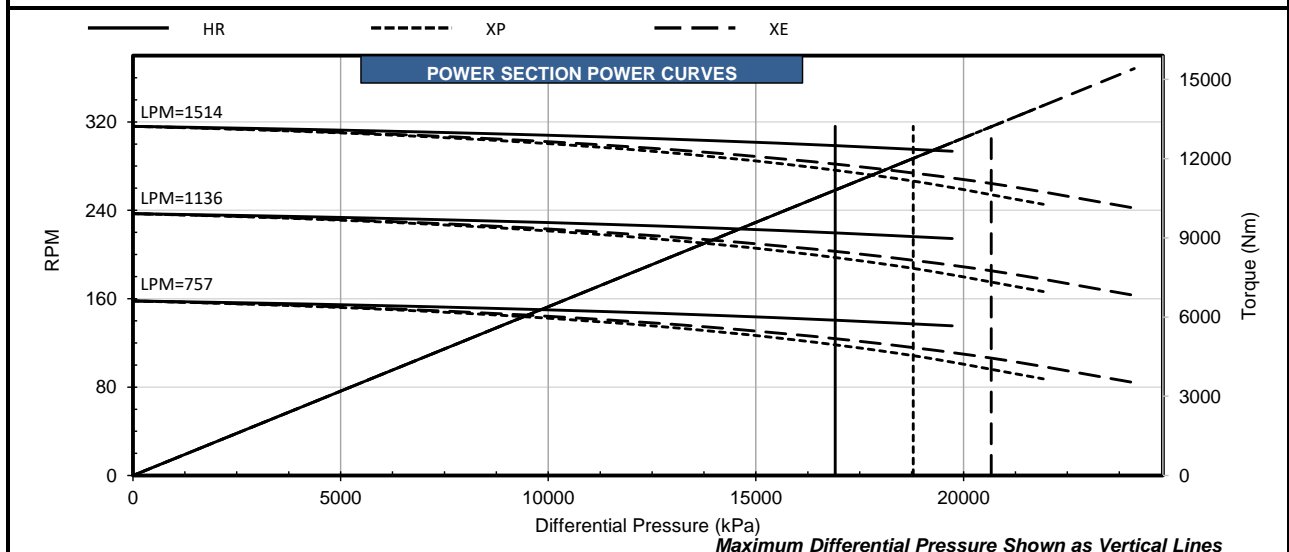
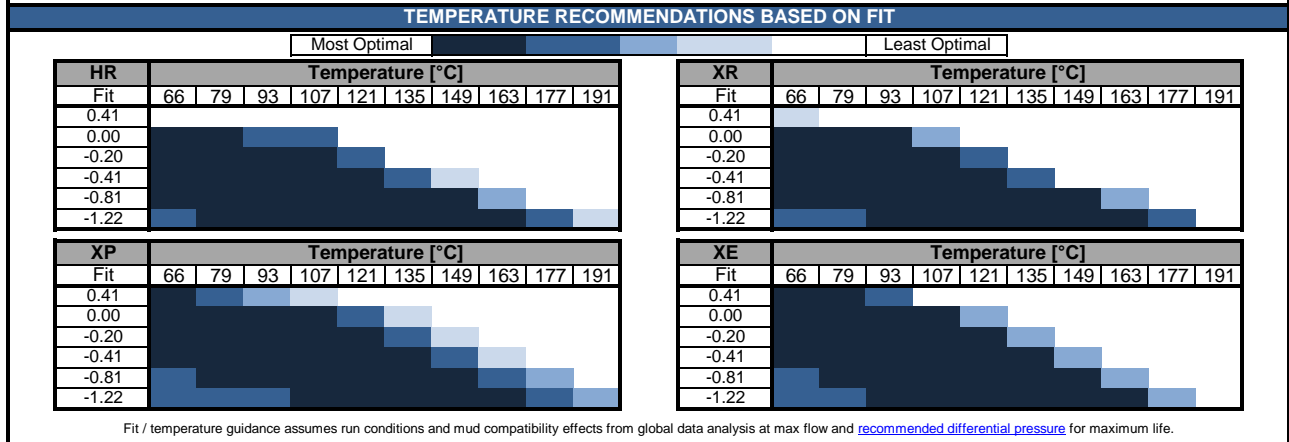
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6832.6	Overall Length (mm)	6985.0
Contour Length** (mm)	6553.2	Cutback #1** (mm)	304.8
Eccentricity (mm)	5.47	Cutback #2** (mm)	304.8
Major Diameter (mm)	86.84	Tube O.D. (mm)	133.4
Weight (kg)	238	Tube I.D. (mm)	101.6
Head Diameter*** (mm)	99.31	Weight (kg)	274
Material**	145 KSI 17-4SS		
Thread Form**	BLANK		

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

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	0.639 Nm/kPa				
Flow Range	757 to 1514 Litre/min				
RPG	0.209 rev/litre				
Speed Range	158 to 316 RPM				
Off Bottom Press.	1207 kPa				
		Max. Diff. Press. (kPa)	16892	18823	20684
		Max. Torque (Nm)	10806	12013	13206
		Stall Diff. Press. (kPa)	25373	28200	31026
		Stall Torque (Nm)	16216	18005	19809
		Max. Recommended (kW)	338	335	366
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	241	269	296
		Temperature Slope (mm/°C)	0.0118	0.0118	0.0124



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