

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.829		3.826*	3.829*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.001		0.002*	-0.001*
1 Oversize				
2 Oversize				

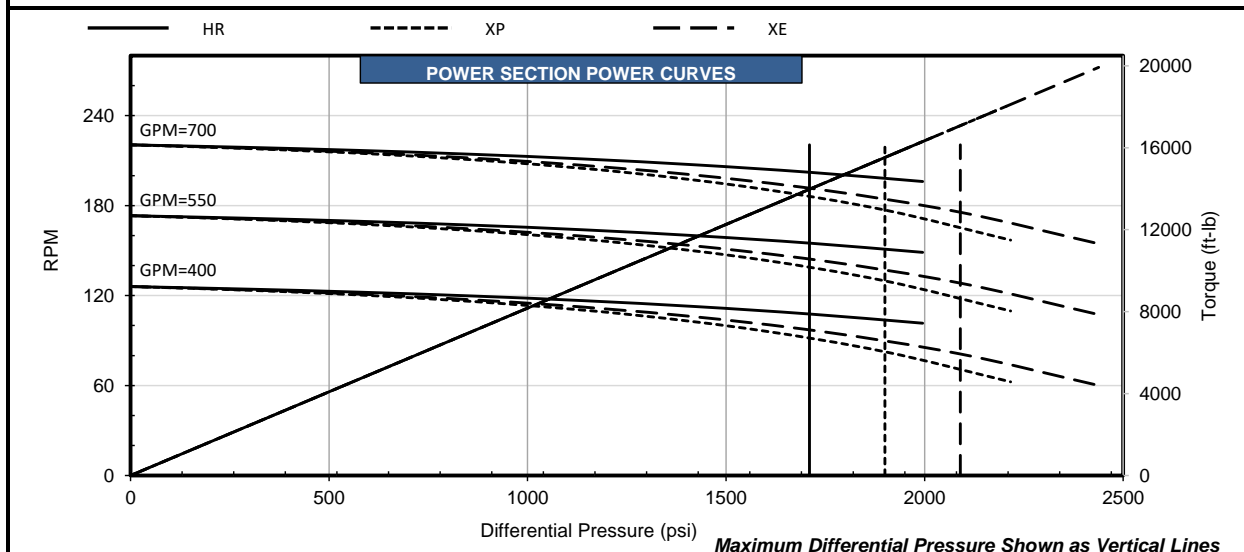
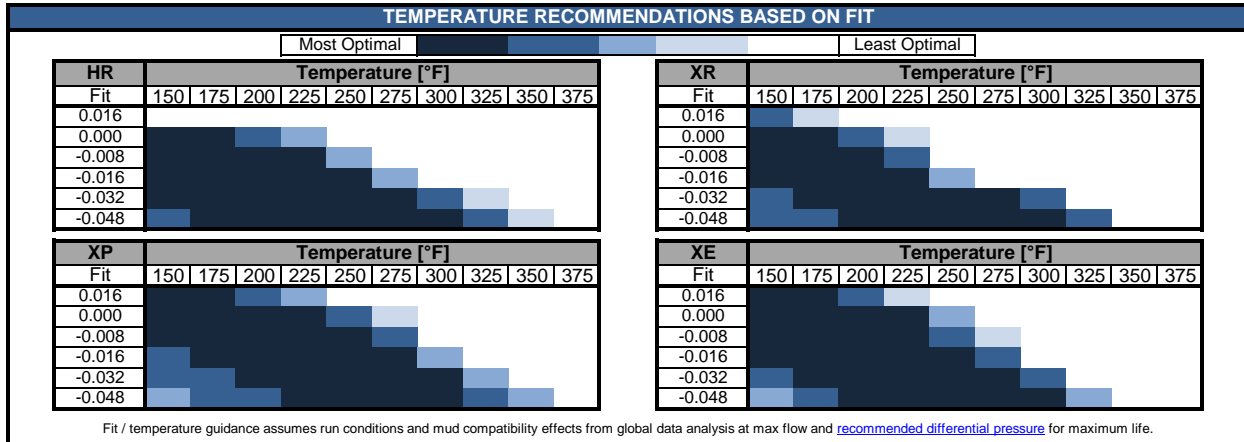
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	269.1	Overall Length (in)	291.0
Contour Length** (in)	263.1	Cutback #1** (in)	8.0
Eccentricity (in)	0.275	Cutback #2** (in)	18.0
Major Diameter (in)	4.378	Tube O.D. (in)	6.63
Weight (lb)	856	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.65	Weight (lb)	982
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

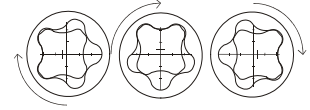
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	8.172 ft-lb/psi				
Flow Range	400 to 700 GPM				
RPG	0.315 rev/gal				
Speed Range	126 to 221 RPM				
Off Bottom Press.	165 psi				
		Max. Diff. Press. (psi)	1710	1900	2090
		Max. Torque (ft-lb)	13970	15530	17080
		Stall Diff. Press. (psi)	2570	2850	3140
		Stall Torque (ft-lb)	20960	23290	25620
		Max. Recommended (HP)	538	523	571
		PSI Per Stage	225	250	275
		PSI Per Cavity	36	40	44
		Temperature Slope (in/°F)	0.000284	0.000284	0.000324



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	97.26		97.18*	97.26*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	-0.03		0.05*	-0.03*
1 Oversize				
2 Oversize				

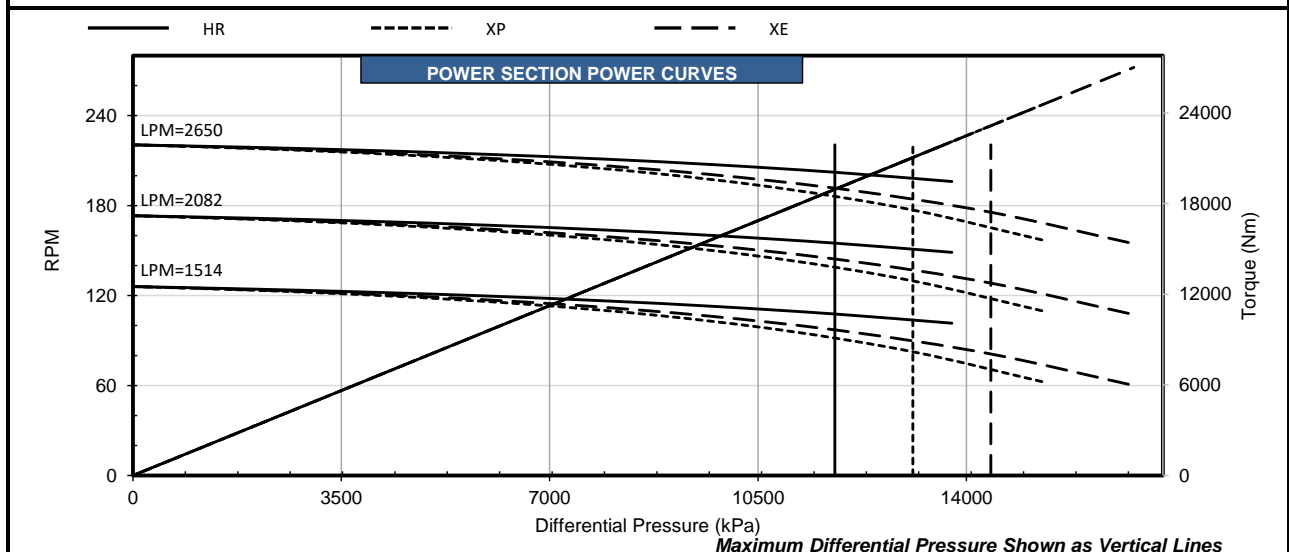
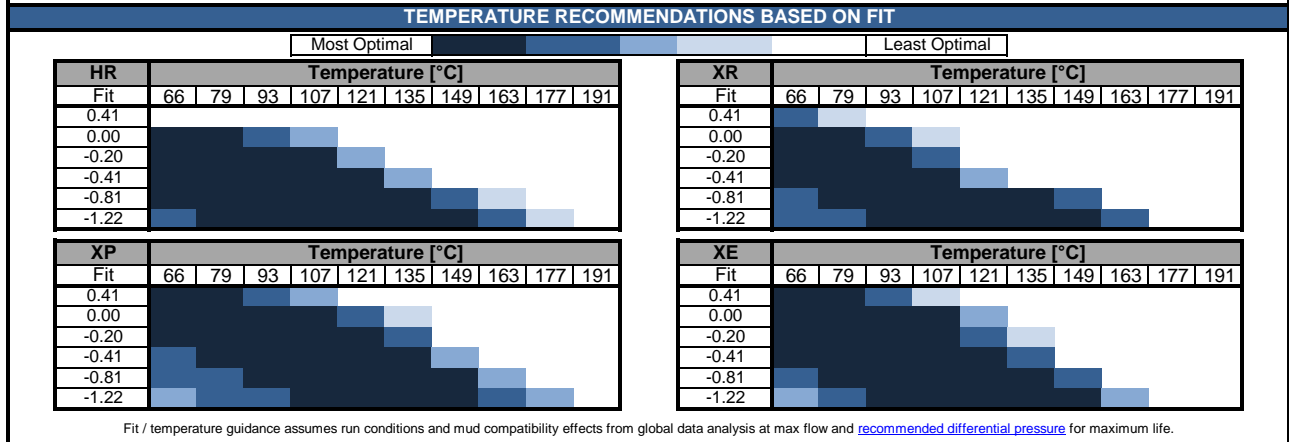
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6835.1	Overall Length (mm)	7391.4
Contour Length** (mm)	6682.7	Cutback #1** (mm)	203.2
Eccentricity (mm)	6.99	Cutback #2** (mm)	457.2
Major Diameter (mm)	111.20	Tube O.D. (mm)	168.4
Weight (kg)	388	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	118.11	Weight (kg)	445
Material**	145 KSI 17-4SS		
Thread Form**	BLANK		

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***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.607 Nm/kPa				
Flow Range	1514 to 2650 Litre/min				
RPG	0.083 rev/litre				
Speed Range	126 to 221 RPM				
Off Bottom Press.	1138 kPa				
		Max. Diff. Press. (kPa)	11790	13100	14410
		Max. Torque (Nm)	18941	21056	23157
		Stall Diff. Press. (kPa)	17720	19650	21650
		Stall Torque (Nm)	28418	31577	34736
		Max. Recommended (kW)	401	390	426
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	248	276	303
		Temperature Slope (mm/°C)	0.0130	0.0130	0.0148



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