

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.416	3.416*	3.416*	3.416*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.001	0.001*	0.001*	0.001*
1 Oversize				
2 Oversize				

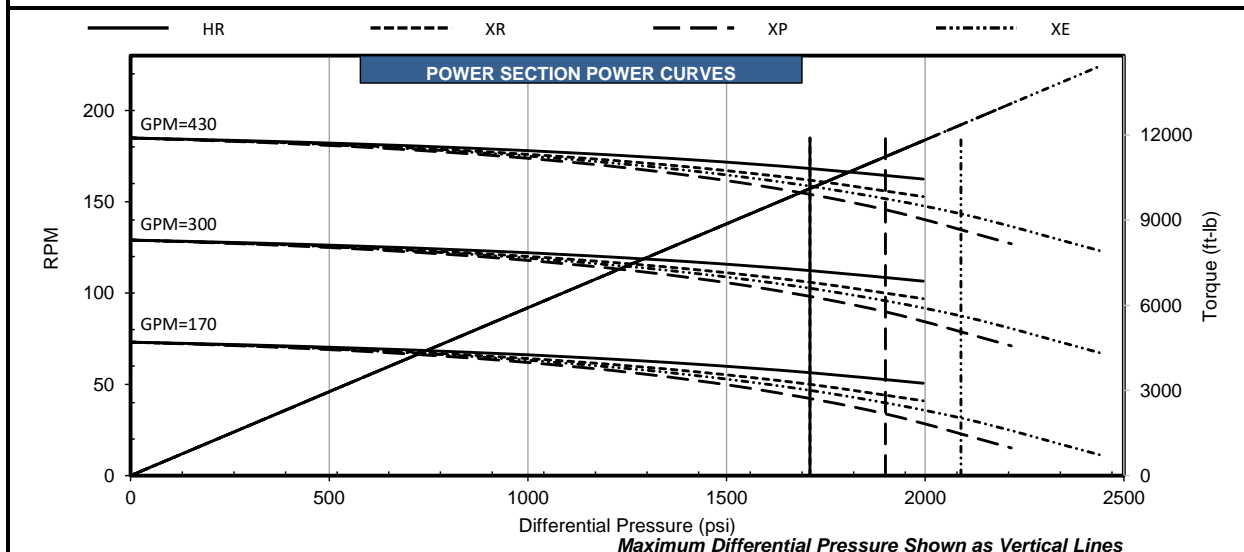
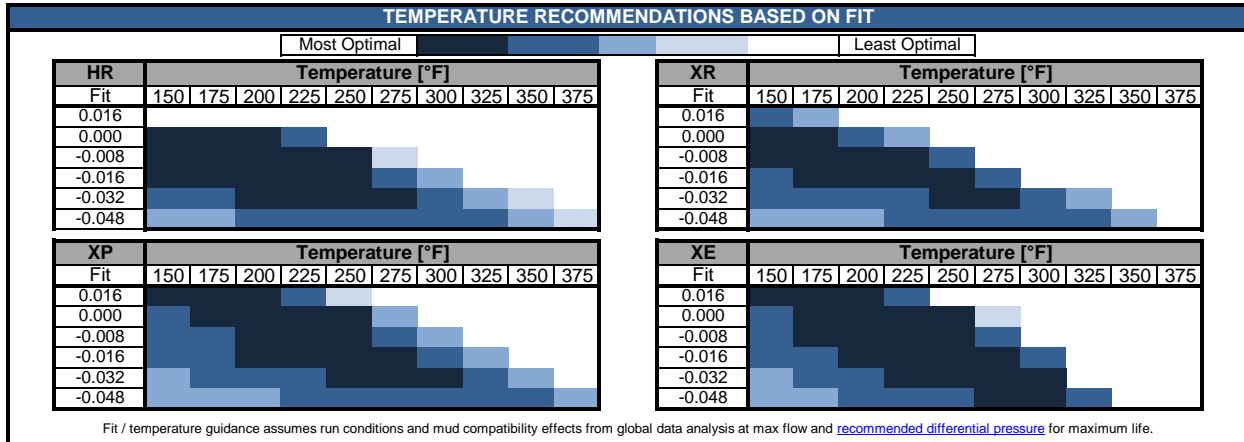
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	273.0	Overall Length (in)	280.0
Contour Length** (in)	266.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.205	Cutback #2** (in)	8.0
Major Diameter (in)	3.826	Tube O.D. (in)	5.50
Weight (lb)	736	Tube I.D. (in)	4.50
Head Diameter*** (in)	4.25	Weight (lb)	585
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

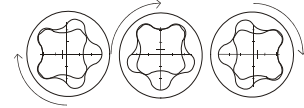
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	5.915 ft-lb/psi					
Flow Range	170 to 430 GPM					
RPG	0.430 rev/gal					
Speed Range	73 to 185 RPM					
Off Bottom Press.	105 psi					
		Max. Diff. Press. (psi)	1710	1710	1900	2090
		Max. Torque (ft-lb)	10110	10110	11240	12360
		Stall Diff. Press. (psi)	2570	2570	2850	3140
		Stall Torque (ft-lb)	15170	15170	16860	18540
		Max. Recommended (HP)	324	312	312	337
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	32	32	35	39
		Temperature Slope (in/°F)	0.000234	0.000215	0.000234	0.000246



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	86.77	86.77*	86.77*	86.77*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.03	0.03*	0.03*	0.03*
1 Oversize				
2 Oversize				

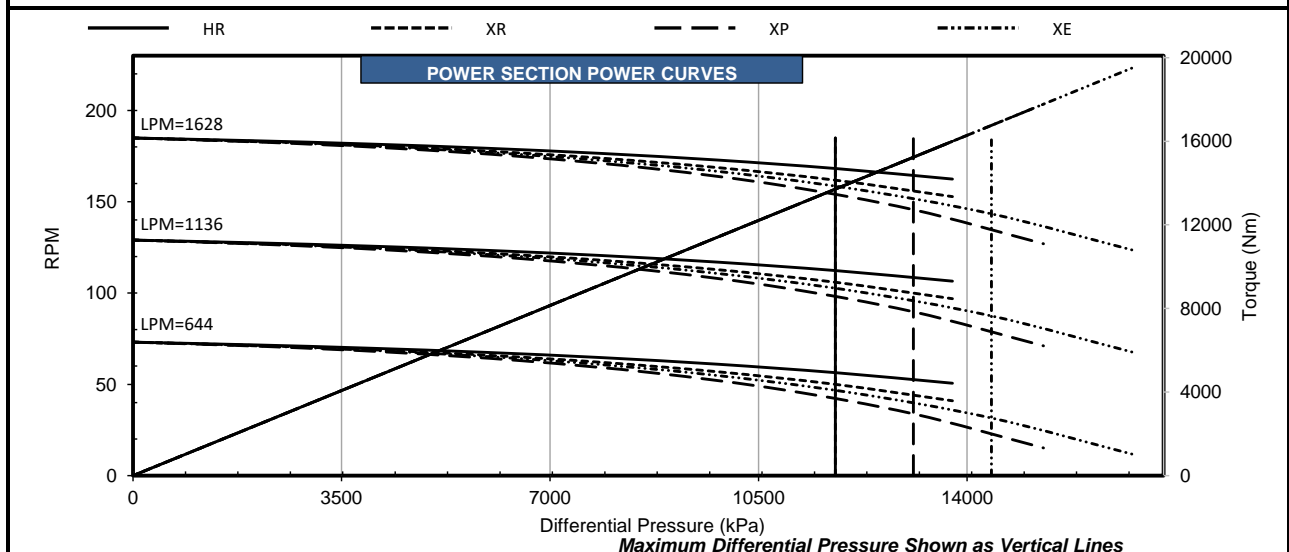
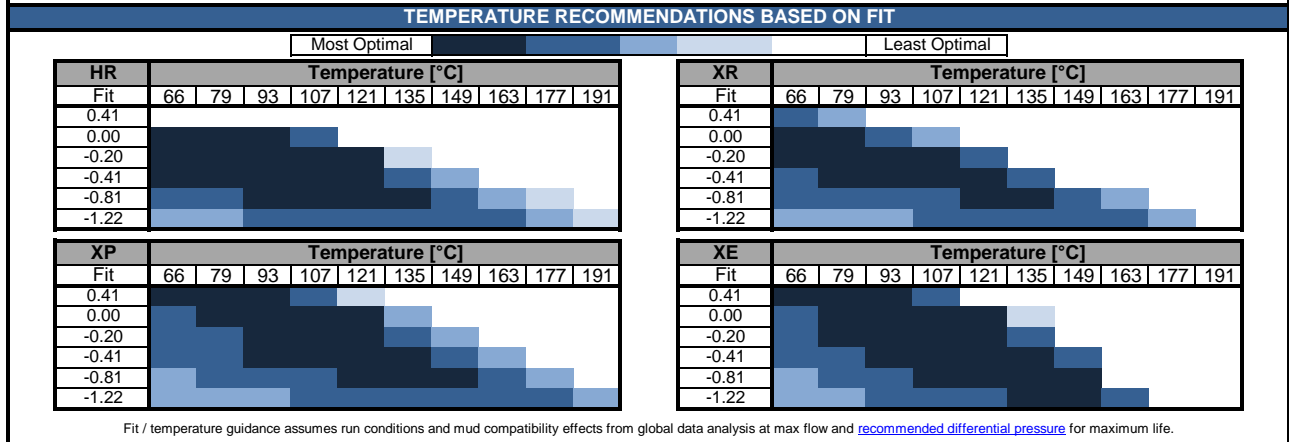
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6934.2	Overall Length (mm)	7112.0
Contour Length** (mm)	6756.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.20	Cutback #2** (mm)	203.2
Major Diameter (mm)	97.18	Tube O.D. (mm)	139.7
Weight (kg)	334	Tube I.D. (mm)	114.3
Head Diameter*** (mm)	107.95	Weight (kg)	265
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	1.163 Nm/kPa	11790	11790	13100	14410	
Flow Range	644 to 1628 Litre/min	13707	13707	15239	16758	
RPG	0.114 rev/litre	17720	17720	19650	21650	
Speed Range	73 to 185 RPM	20568	20568	22859	25137	
Off Bottom Press.	724 kPa	242	232	232	252	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	221	221	241	269
		Temperature Slope (mm/°C)	0.0107	0.0098	0.0107	0.0113



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