

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.157*		3.157	3.157*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.000*		0.000	0.000*
1 Oversize				
2 Oversize				

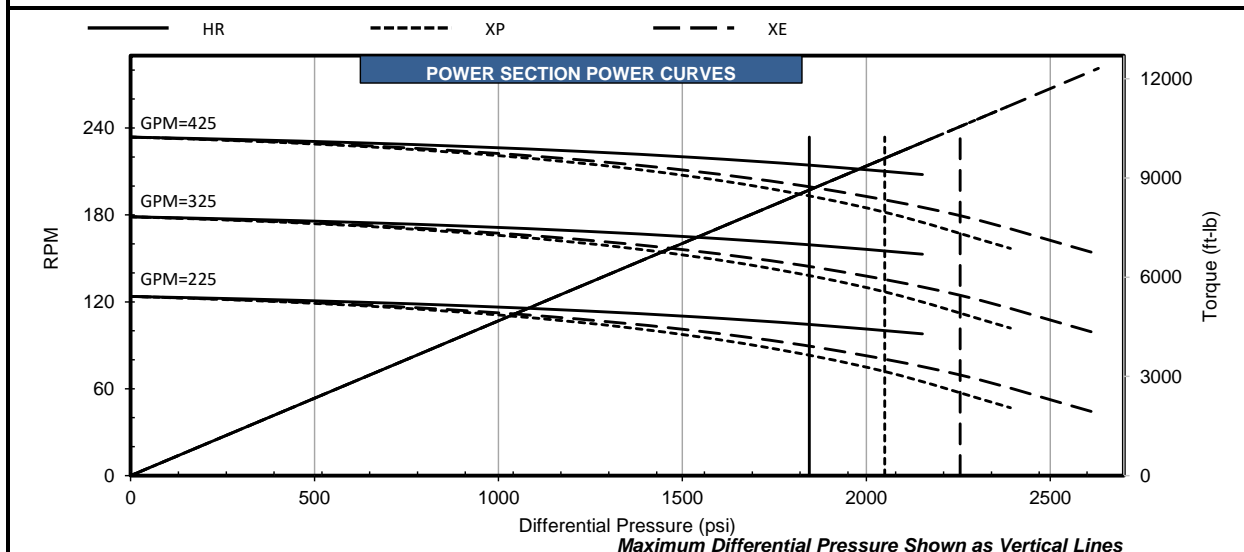
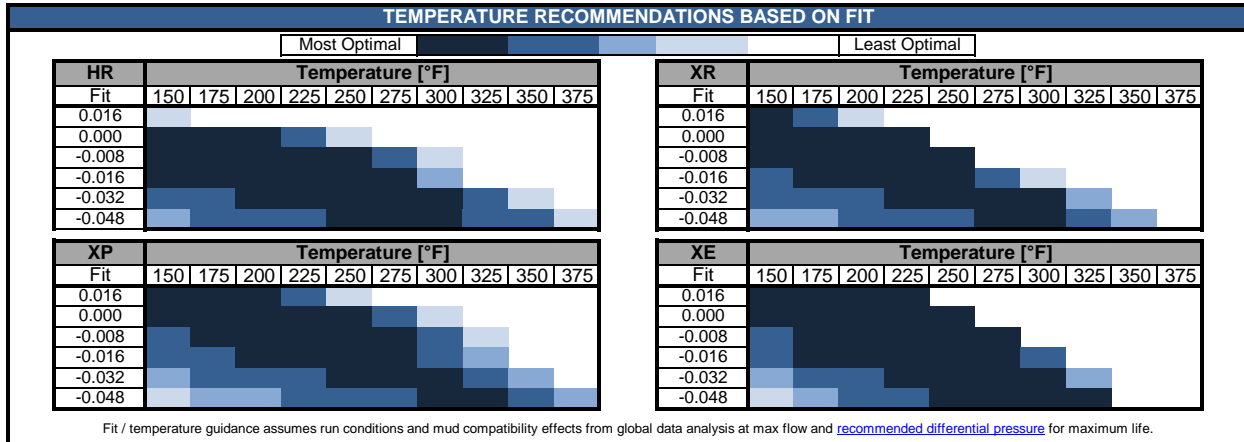
*Pending production measurements

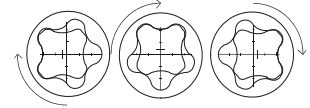
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	281.8	Overall Length (in)	280.0
Contour Length** (in)	266.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.214	Cutback #2** (in)	8.0
Major Diameter (in)	3.584	Tube O.D. (in)	5.25
Weight (lb)	625	Tube I.D. (in)	4.25
Head Diameter*** (in)	4.00	Weight (lb)	552
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	4.681 ft-lb/psi				
Flow Range	225 to 425 GPM				
RPG	0.550 rev/gal				
Speed Range	124 to 234 RPM				
Off Bottom Press.	133 psi				
		Max. Diff. Press. (psi)	1850	2050	2260
		Max. Torque (ft-lb)	8640	9600	10560
		Stall Diff. Press. (psi)	2770	3080	3380
		Stall Torque (ft-lb)	12950	14390	15830
		Max. Recommended (HP)	353	332	361
		PSI Per Stage	225	250	275
		PSI Per Cavity	36	40	44
		Temperature Slope (in/°F)	0.000237	0.000237	0.000251





POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	80.19*		80.19	80.19*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.00*		0.00	0.00*
1 Oversize				
2 Oversize				

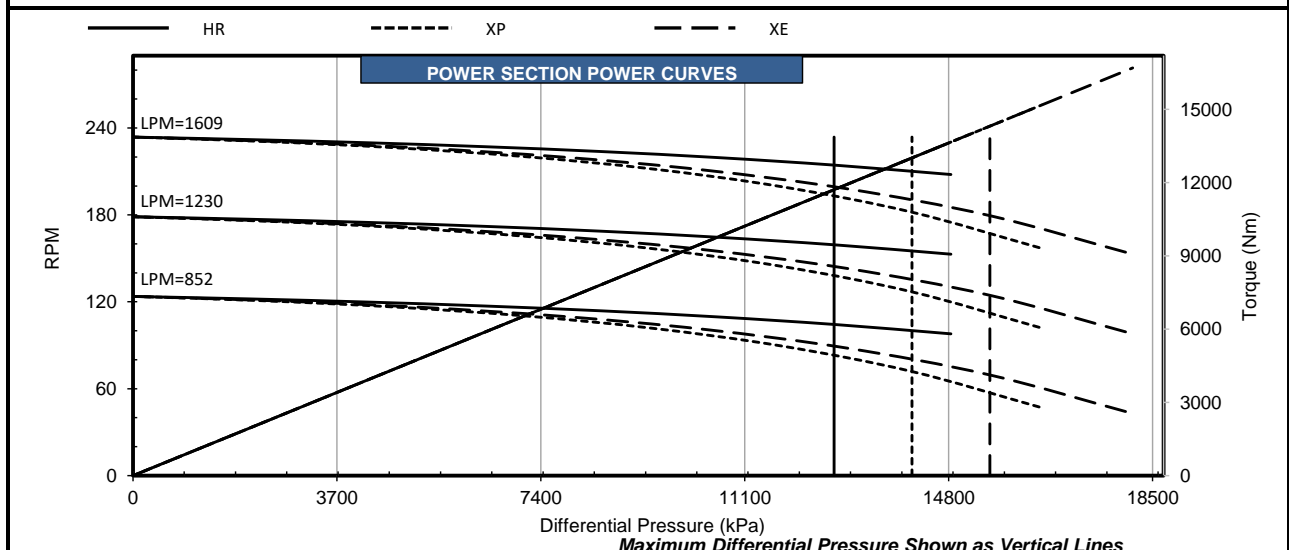
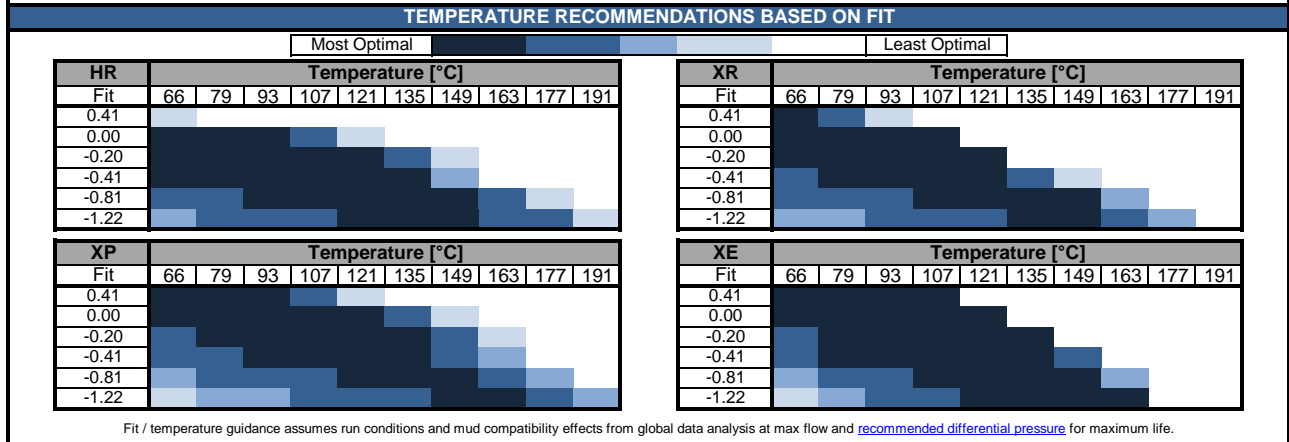
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7157.7	Overall Length (mm)	7112.0
Contour Length** (mm)	6756.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.42	Cutback #2** (mm)	203.2
Major Diameter (mm)	91.03	Tube O.D. (mm)	133.4
Weight (kg)	284	Tube I.D. (mm)	108.0
Head Diameter*** (mm)	101.60	Weight (kg)	250
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	0.920 Nm/kPa				
Flow Range	852 to 1609 Litre/min				
RPG	0.145 rev/litre				
Speed Range	124 to 234 RPM				
Off Bottom Press.	917 kPa				
		Max. Diff. Press. (kPa)	12755	14134	15582
		Max. Torque (Nm)	11714	13016	14317
		Stall Diff. Press. (kPa)	19098	21236	23304
		Stall Torque (Nm)	17558	19510	21463
		Max. Recommended (kW)	263	248	269
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	248	276	303
		Temperature Slope (mm/°C)	0.0108	0.0108	0.0115



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.