

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	3.979		3.979*	3.979*
Standard	3.986		3.986*	3.986*
1 Oversize	4.001		4.001*	4.001*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.011		0.011*	0.011*
Standard	0.004		0.004*	0.004*
1 Oversize	-0.011		-0.011*	-0.011*
2 Oversize				

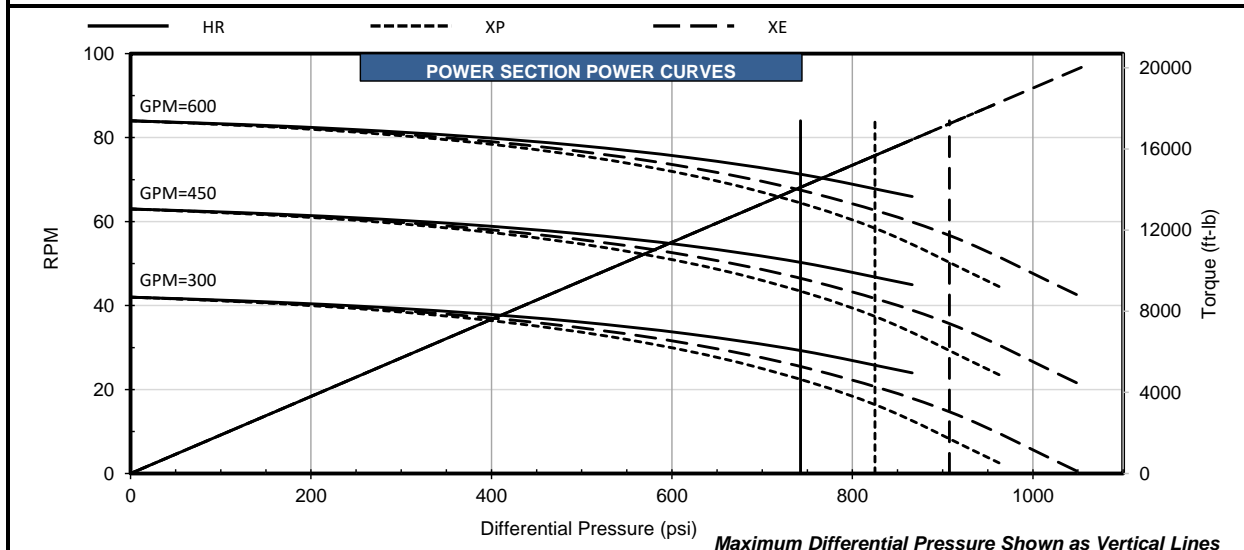
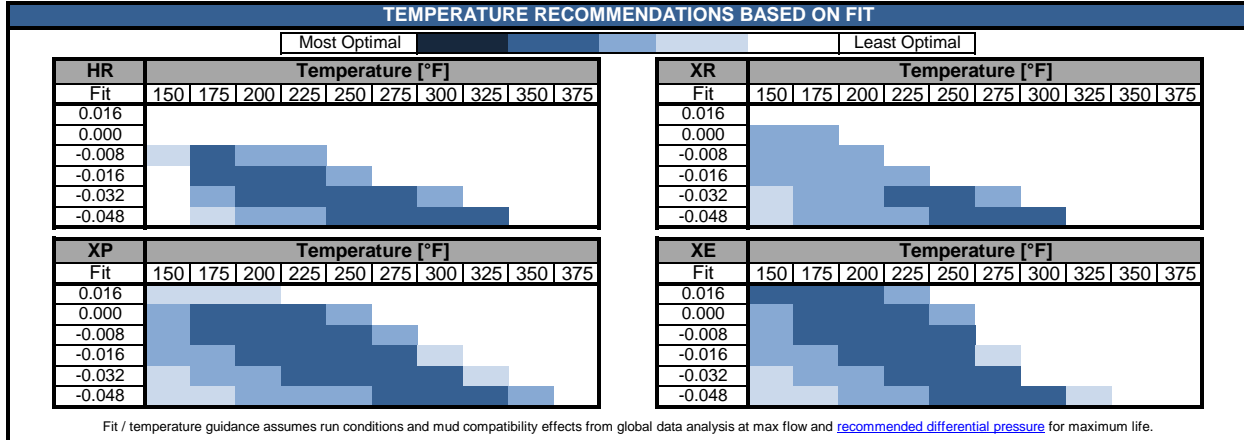
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	238.5	Overall Length (in)	245.0
Contour Length** (in)	231.5	Cutback #1** (in)	8.0
Eccentricity (in)	0.255	Cutback #2** (in)	8.0
Major Diameter (in)	4.500	Tube O.D. (in)	6.50
Weight (lb)	803	Tube I.D. (in)	5.50
Head Diameter*** (in)	4.00	Weight (lb)	909
Material**	17-4SS		
Thread Form***	2 7/8 API REG		

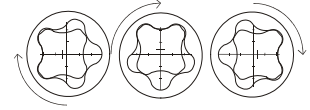
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	19.000 ft-lb/psi				
Flow Range	300 to 600 GPM				
RPG	0.140 rev/gal				
Speed Range	42 to 84 RPM				
Off Bottom Press.	150 psi				
		Max. Diff. Press. (psi)	740	830	910
		Max. Torque (ft-lb)	14110	15680	17240
		Stall Diff. Press. (psi)	1110	1240	1360
		Stall Torque (ft-lb)	21160	23510	25860
		Max. Recommended (HP)	191	174	186
		PSI Per Stage	225	250	275
		PSI Per Cavity	38	43	47
		Temperature Slope (in/°F)	0.000269	0.000269	0.000280



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	101.07		101.07*	101.07*
Standard	101.24		101.24*	101.24*
1 Oversize	101.63		101.63*	101.63*
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.28		0.28*	0.28*
Standard	0.10		0.10*	0.10*
1 Oversize	-0.28		-0.28*	-0.28*
2 Oversize				

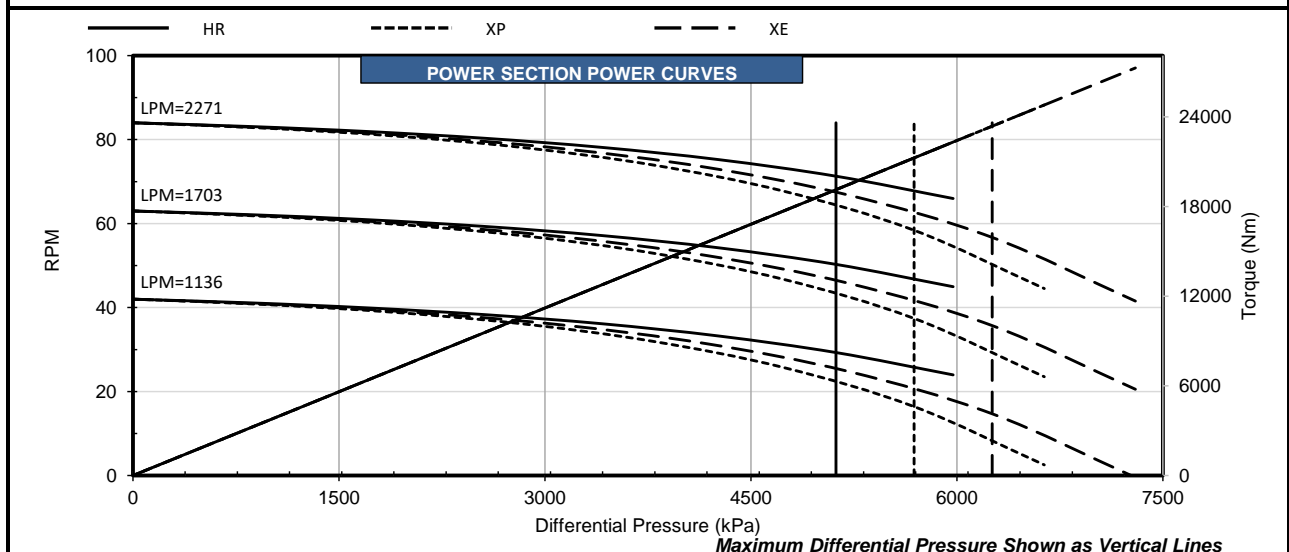
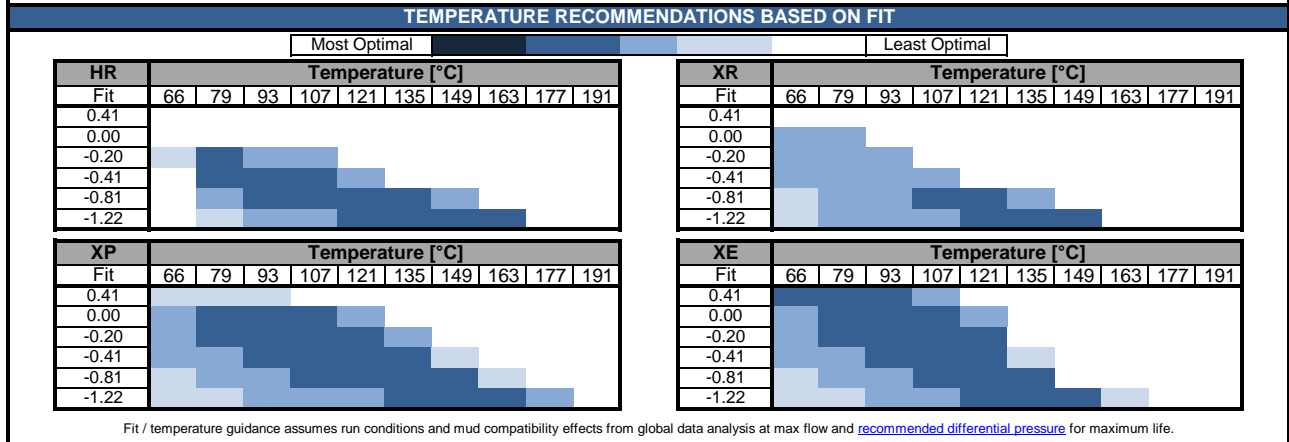
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6057.9	Overall Length (mm)	6223.0
Contour Length** (mm)	5880.1	Cutback #1** (mm)	203.2
Eccentricity (mm)	6.48	Cutback #2** (mm)	203.2
Major Diameter (mm)	114.30	Tube O.D. (mm)	165.1
Weight (kg)	364	Tube I.D. (mm)	139.7
Head Diameter*** (mm)	101.60	Weight (kg)	412
Material**	17-4SS		
Thread Form**	2 7/8 API REG		

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

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	3.736 Nm/kPa				
Flow Range	1136 to 2271 Litre/min				
RPG	0.037 rev/litre				
Speed Range	42 to 84 RPM				
Off Bottom Press.	1034 kPa				
		Max. Diff. Press. (kPa)	5102	5723	6274
		Max. Torque (Nm)	19131	21259	23374
		Stall Diff. Press. (kPa)	7653	8550	9377
		Stall Torque (Nm)	28689	31875	35061
		Max. Recommended (kW)	143	130	139
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	262	296	324
		Temperature Slope (mm/°C)	0.0123	0.0123	0.0128



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