

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
0.5 Undersize	5.013		5.019*	5.013*
Standard	5.028	5.028*	5.028*	5.028*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
0.5 Undersize	0.014		0.008*	0.014*
Standard	-0.001	-0.001*	-0.001*	-0.001*
1 Oversize				

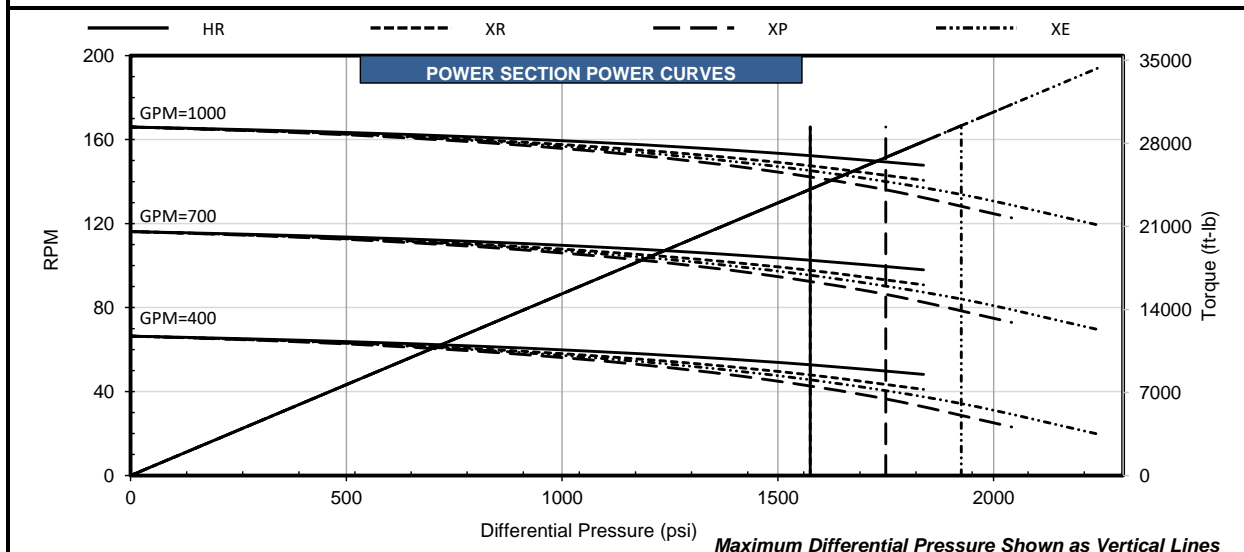
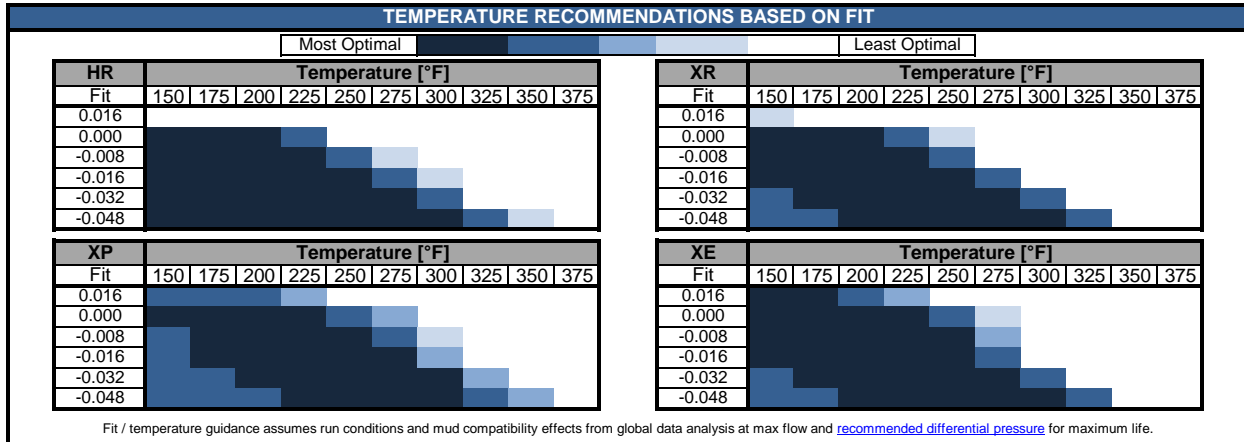
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	295.0	Overall Length (in)	300.0
Contour Length** (in)	286.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.307	Cutback #2** (in)	8.0
Major Diameter (in)	5.641	Tube O.D. (in)	8.25
Weight (lb)	1610	Tube I.D. (in)	6.50
Head Diameter*** (in)	5.30	Weight (lb)	1643
Material**	145 KSI 17-4SS		
Thread Form***	4 API FH		

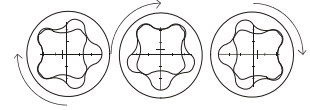
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS				
	HR	XR	XP	XE
Torque Slope	15.323 ft-lb/psi			
Flow Range	400 to 1000 GPM			
RPG	0.166 rev/gal			
Speed Range	66 to 166 RPM			
Off Bottom Press.	157 psi			
Max. Diff. Press. (psi)	1580	1580	1750	1930
Max. Torque (ft-lb)	24130	24130	26820	29500
Stall Diff. Press. (psi)	2360	2360	2630	2890
Stall Torque (ft-lb)	36200	36200	40220	44250
Max. Recommended (HP)	700	678	695	752
PSI Per Stage	225	225	250	275
PSI Per Cavity	32	32	36	39
Temperature Slope (in/F)	0.000298	0.000281	0.000298	0.000312



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				
0.5 Undersize	127.33		127.48*	127.33*
Standard	127.71	127.71*	127.71*	127.71*
1 Oversize				
Nominal Fit at 75°F				
1 Undersize				
0.5 Undersize	0.36		0.20*	0.36*
Standard	-0.03	-0.03*	-0.03*	-0.03*
1 Oversize				

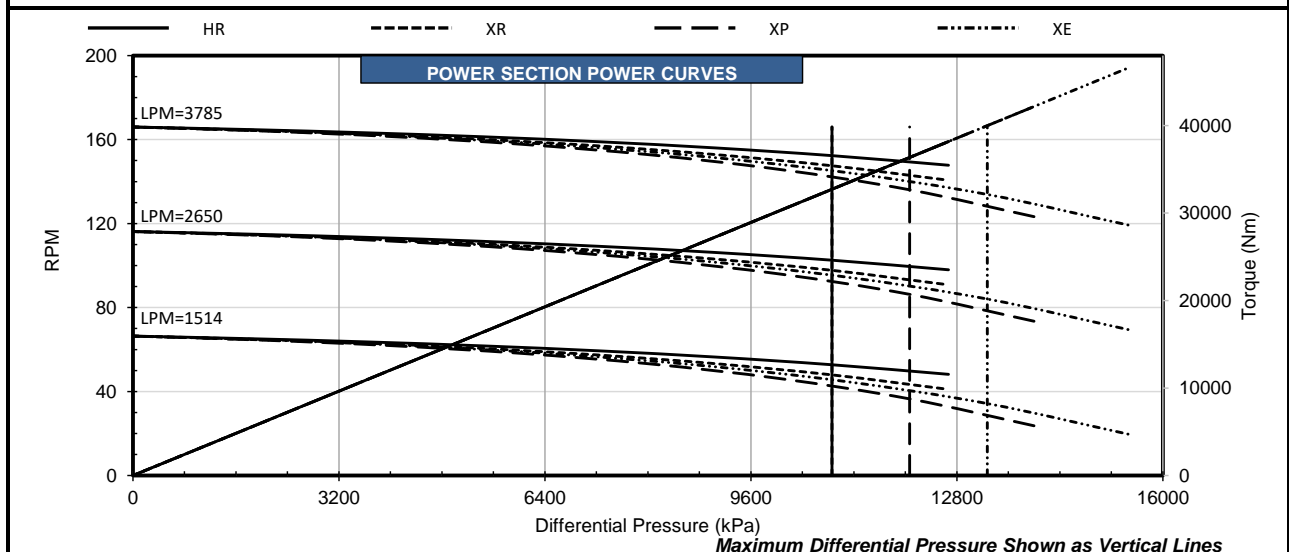
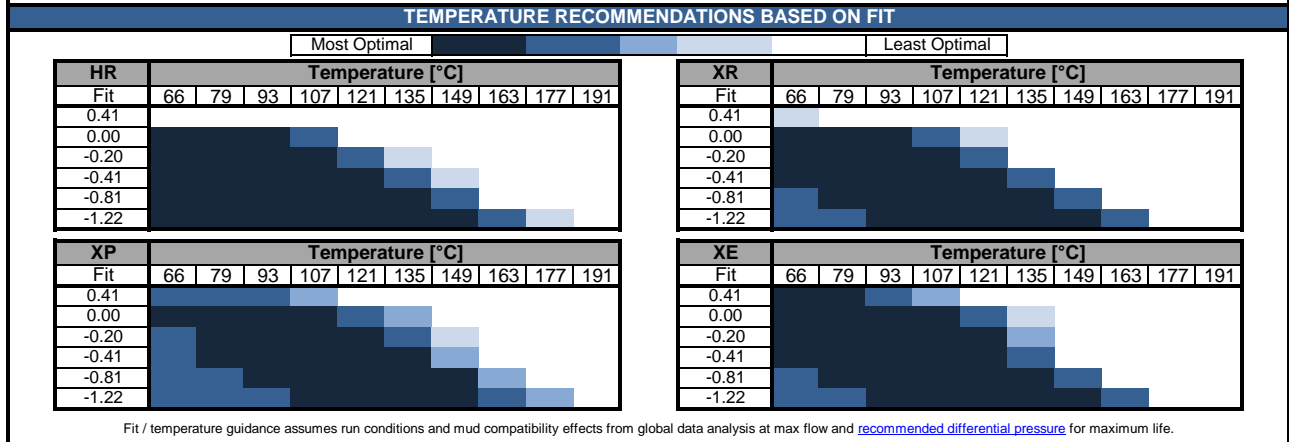
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7493.0	Overall Length (mm)	7620.0
Contour Length** (mm)	7264.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.80	Cutback #2** (mm)	203.2
Major Diameter (mm)	143.28	Tube O.D. (mm)	209.6
Weight (kg)	730	Tube I.D. (mm)	165.1
Head Diameter*** (mm)	134.62	Weight (kg)	745
Material**	145 KSI 17-4SS		
Thread Form**	4 API FH		

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

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.013 Nm/kPa					
Flow Range	1514 to 3785 Litre/min					
RPG	0.044 rev/litre					
Speed Range	66 to 166 RPM					
Off Bottom Press.	1082 kPa					
		Max. Diff. Press. (kPa)	10894	10894	12066	13307
		Max. Torque (Nm)	32716	32716	36363	39997
		Stall Diff. Press. (kPa)	16272	16272	18133	19926
		Stall Torque (Nm)	49081	49081	54531	59995
		Max. Recommended (kW)	522	506	518	561
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	221	221	248	269
		Temperature Slope (mm/°C)	0.0136	0.0129	0.0136	0.0143



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