

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	4.140		4.143*	4.140*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.003		0.000*	0.003*
1 Oversize				
2 Oversize				

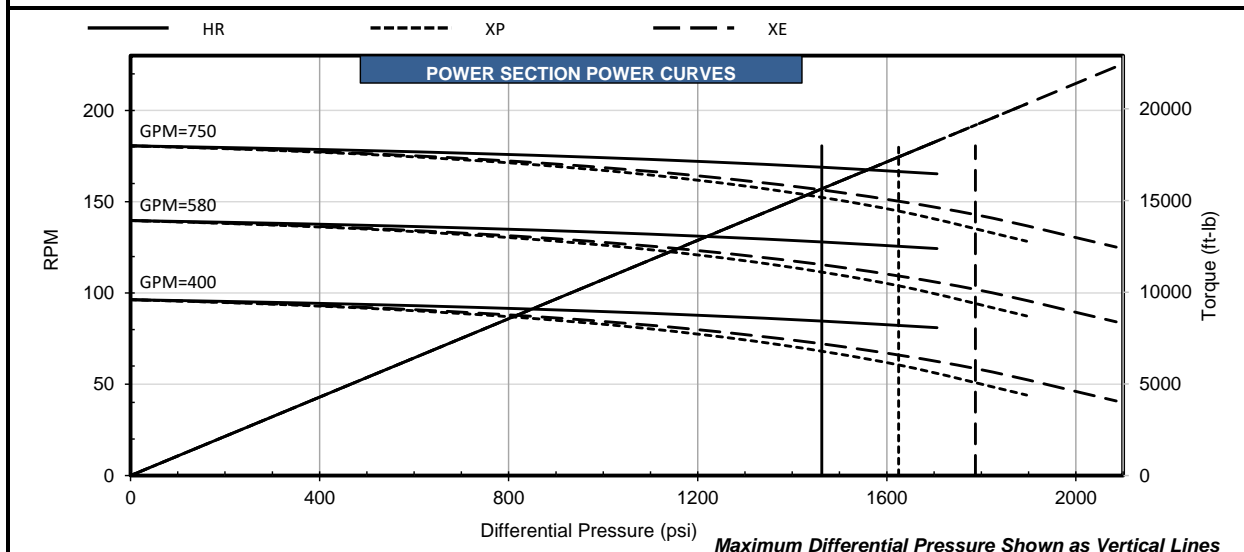
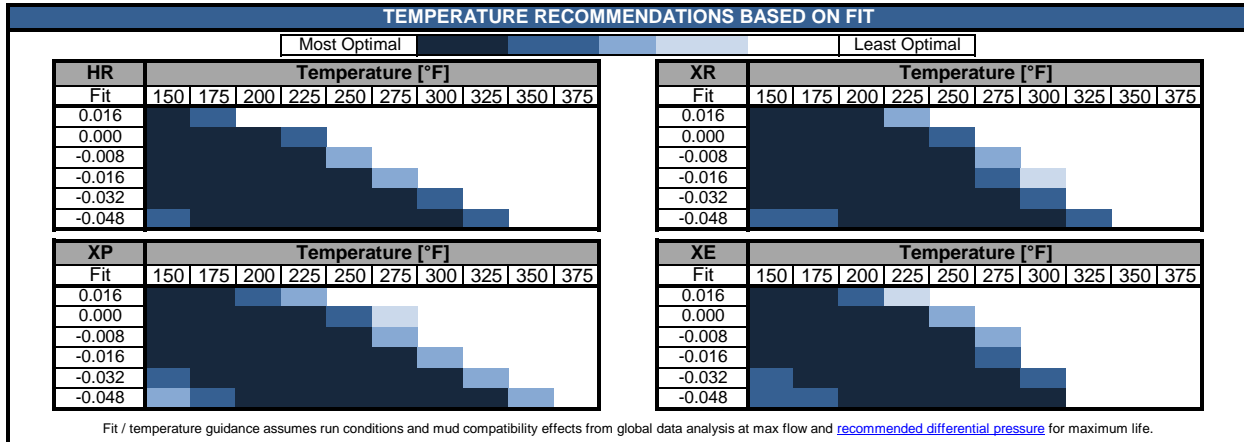
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	267.0	Overall Length (in)	275.0
Contour Length** (in)	259.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.302	Cutback #2** (in)	8.0
Major Diameter (in)	4.747	Tube O.D. (in)	7.00
Weight (lb)	867	Tube I.D. (in)	5.75
Head Diameter*** (in)	4.75	Weight (lb)	925
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

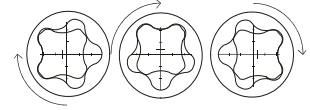
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	10.691 ft-lb/psi				
Flow Range	400 to 750 GPM				
RPG	0.241 rev/gal				
Speed Range	96 to 181 RPM				
Off Bottom Press.	142 psi				
		Max. Diff. Press. (psi)	1460	1630	1790
		Max. Torque (ft-lb)	15640	17370	19110
		Stall Diff. Press. (psi)	2190	2440	2680
		Stall Torque (ft-lb)	23450	26060	28670
		Max. Recommended (HP)	503	479	520
		PSI Per Stage	225	250	275
		PSI Per Cavity	37	41	45
		Temperature Slope (in/°F)	0.000351	0.000351	0.000372



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	105.16		105.23*	105.16*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.08		0.00*	0.08*
1 Oversize				
2 Oversize				

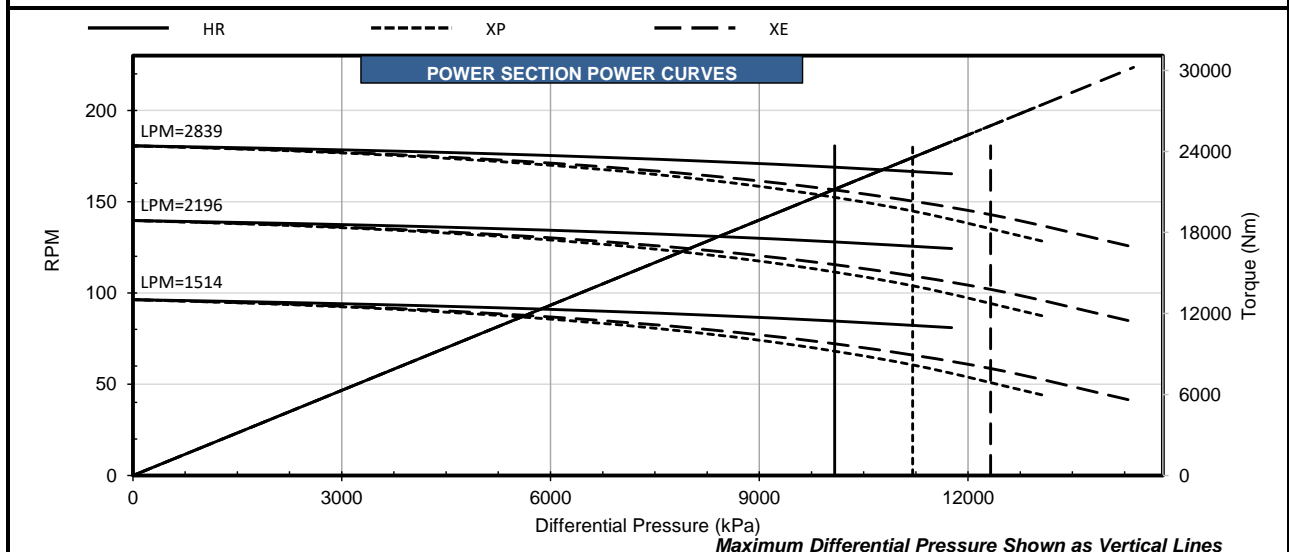
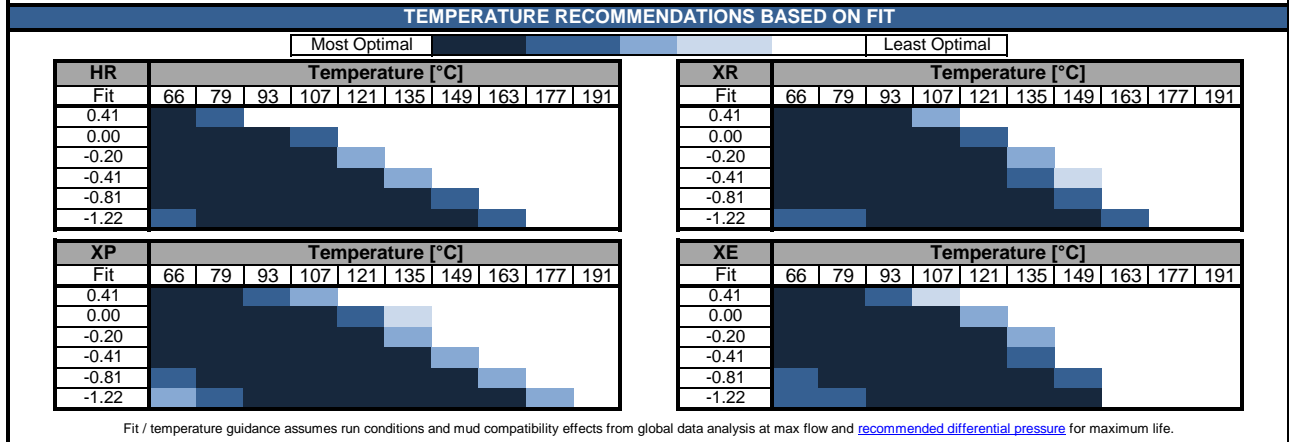
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6781.8	Overall Length (mm)	6985.0
Contour Length** (mm)	6578.6	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.66	Cutback #2** (mm)	203.2
Major Diameter (mm)	120.57	Tube O.D. (mm)	177.8
Weight (kg)	393	Tube I.D. (mm)	146.1
Head Diameter*** (mm)	120.65	Weight (kg)	420
Material**	145 KSI 17-4SS		
Thread Form**	BLANK		

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\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	2.102 Nm/kPa				
Flow Range	1514 to 2839 Litre/min				
RPG	0.064 rev/litre				
Speed Range	96 to 181 RPM				
Off Bottom Press.	979 kPa				
		Max. Diff. Press. (kPa)	10066	11238	12342
		Max. Torque (Nm)	21205	23551	25910
		Stall Diff. Press. (kPa)	15100	16823	18478
		Stall Torque (Nm)	31794	35333	38871
		Max. Recommended (kW)	375	357	388
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	255	283	310
		Temperature Slope (mm/°C)	0.0160	0.0160	0.0170



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