

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.640*		2.640*	2.640*
Standard	2.650		2.654	2.650*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.010*		0.010*	0.010*
Standard	0.000		-0.004	0.000*
1 Oversize				
2 Oversize				

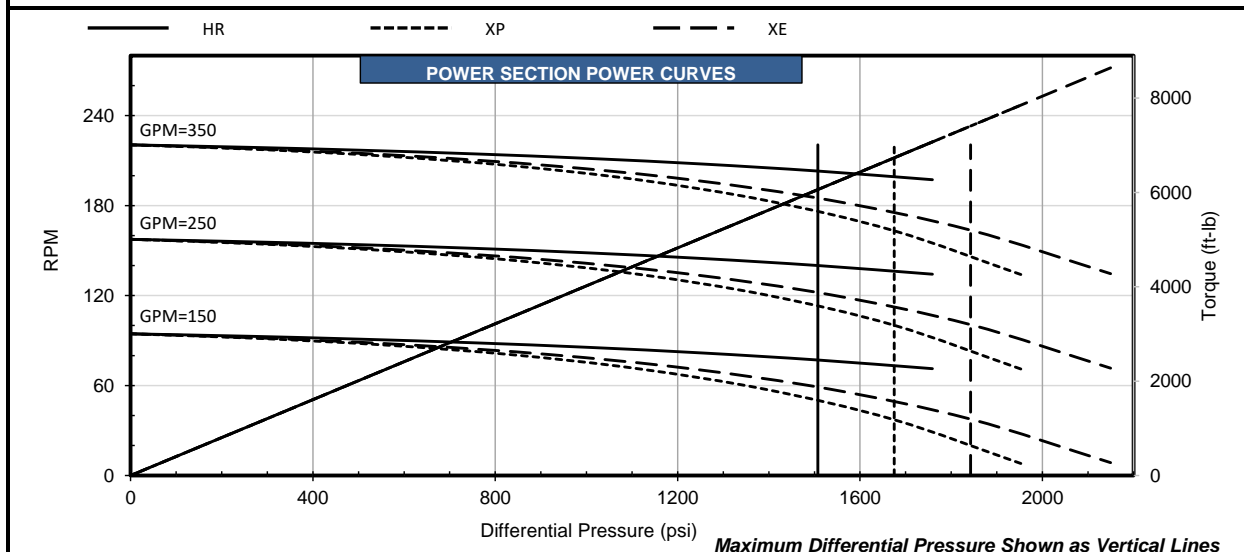
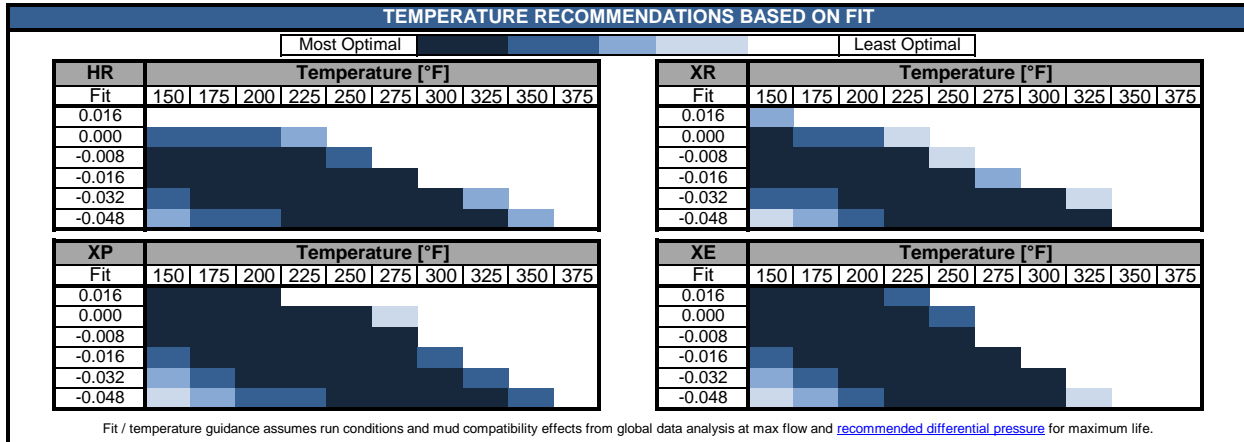
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	241.0	Overall Length (in)	250.0
Contour Length** (in)	232.3	Cutback #1** (in)	8.0
Eccentricity (in)	0.235	Cutback #2** (in)	8.0
Major Diameter (in)	3.120	Tube O.D. (in)	5.00
Weight (lb)	380	Tube I.D. (in)	4.00
Head Diameter*** (in)	3.25	Weight (lb)	482
Material**	17-4SS		
Thread Form***	BLANK		

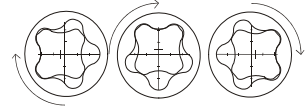
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	4.020 ft-lb/psi				
Flow Range	150 to 350 GPM				
RPG	0.630 rev/gal				
Speed Range	95 to 221 RPM				
Off Bottom Press.	103 psi				
		Max. Diff. Press. (psi)	1510	1680	1840
		Max. Torque (ft-lb)	6060	6730	7410
		Stall Diff. Press. (psi)	2260	2510	2760
		Stall Torque (ft-lb)	9090	10100	11110
		Max. Recommended (HP)	234	209	231
		PSI Per Stage	225	250	275
		PSI Per Cavity	43	48	52
		Temperature Slope (in/°F)	0.000306	0.000306	0.000330



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	67.06*		67.06*	67.06*
Standard	67.31		67.41	67.31*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.25*		0.25*	0.25*
Standard	0.00		-0.10	0.00*
1 Oversize				
2 Oversize				

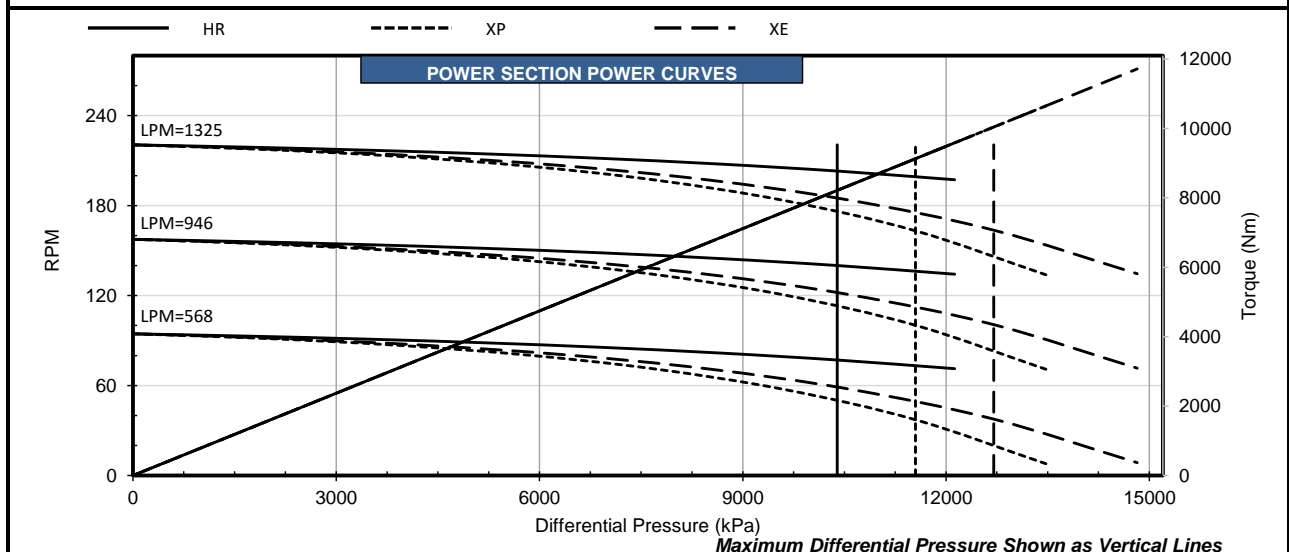
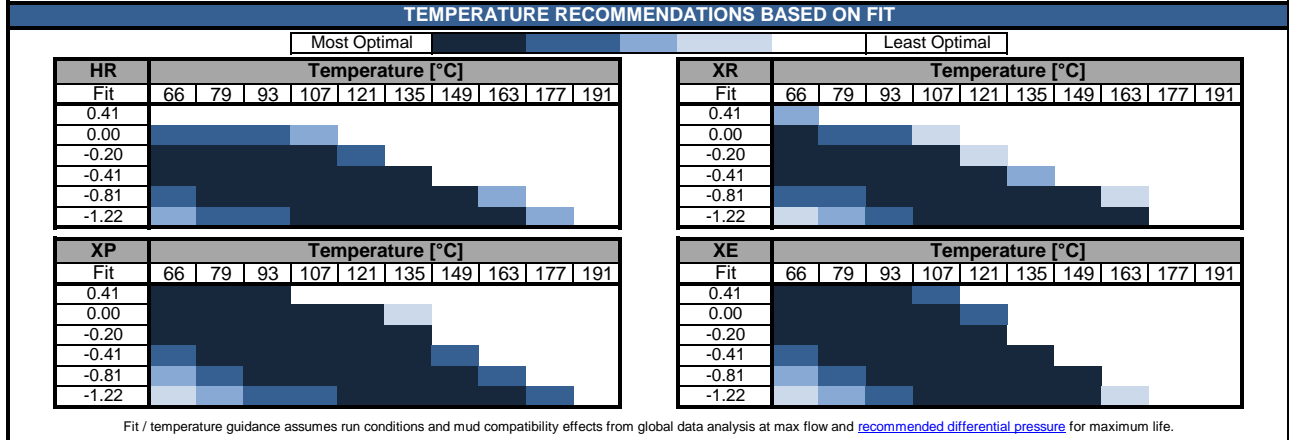
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6121.4	Overall Length (mm)	6350.0
Contour Length** (mm)	5900.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	5.97	Cutback #2** (mm)	203.2
Major Diameter (mm)	79.25	Tube O.D. (mm)	127.0
Weight (kg)	172	Tube I.D. (mm)	101.6
Head Diameter*** (mm)	82.55	Weight (kg)	219
Material**	17-4SS		
Thread Form**	BLANK		

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

***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	0.791 Nm/kPa				
Flow Range	568 to 1325 Litre/min				
RPG	0.166 rev/litre				
Speed Range	95 to 221 RPM				
Off Bottom Press.	710 kPa				
		Max. Diff. Press. (kPa)	10411	11583	12686
		Max. Torque (Nm)	8216	9125	10047
		Stall Diff. Press. (kPa)	15582	17306	19030
		Stall Torque (Nm)	12324	13694	15063
		Max. Recommended (kW)	175	156	172
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	296	331	359
		Temperature Slope (mm/°C)	0.0140	0.0140	0.0151



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.