

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	2.465		2.465*	2.465*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.008		0.008*	0.008*
1 Oversize				
2 Oversize				

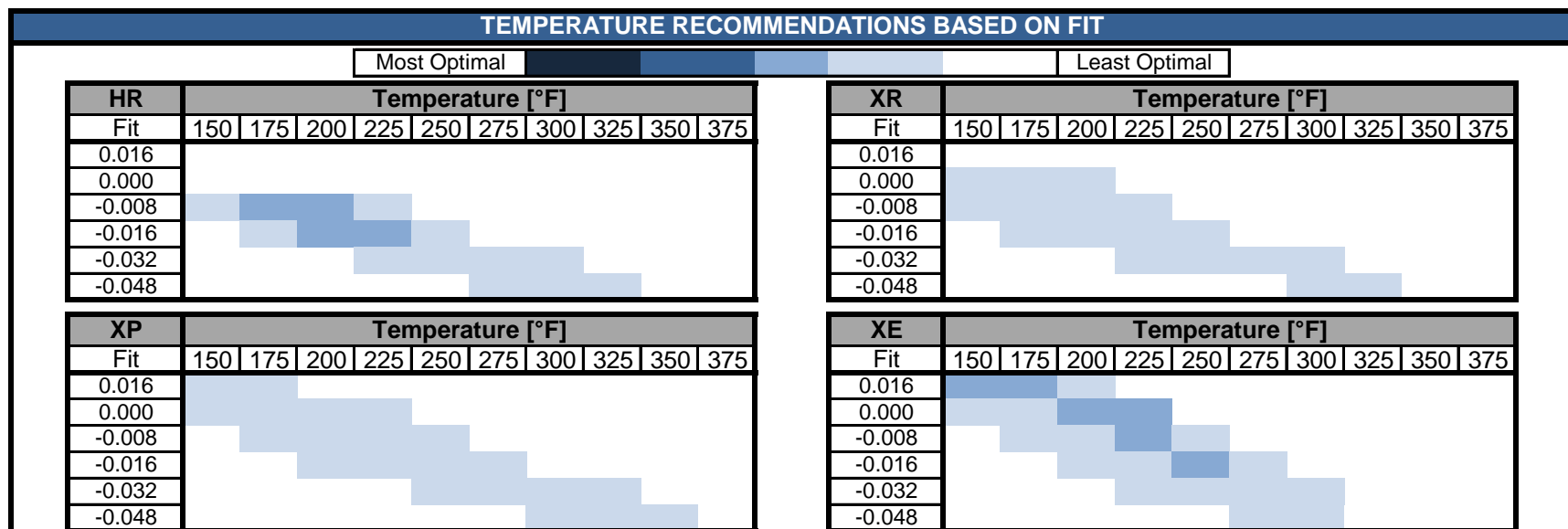
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	242.0	Overall Length (in)	250.0
Contour Length** (in)	236.3	Cutback #1** (in)	7.5
Eccentricity (in)	0.163	Cutback #2** (in)	7.5
Major Diameter (in)	2.798	Tube O.D. (in)	4.75
Weight (lb)	276	Tube I.D. (in)	3.75
Head Diameter*** (in)	2.99	Weight (lb)	527
Material**	17-4SS		
Thread Form***	2 3/8 HEF Mod Flat		

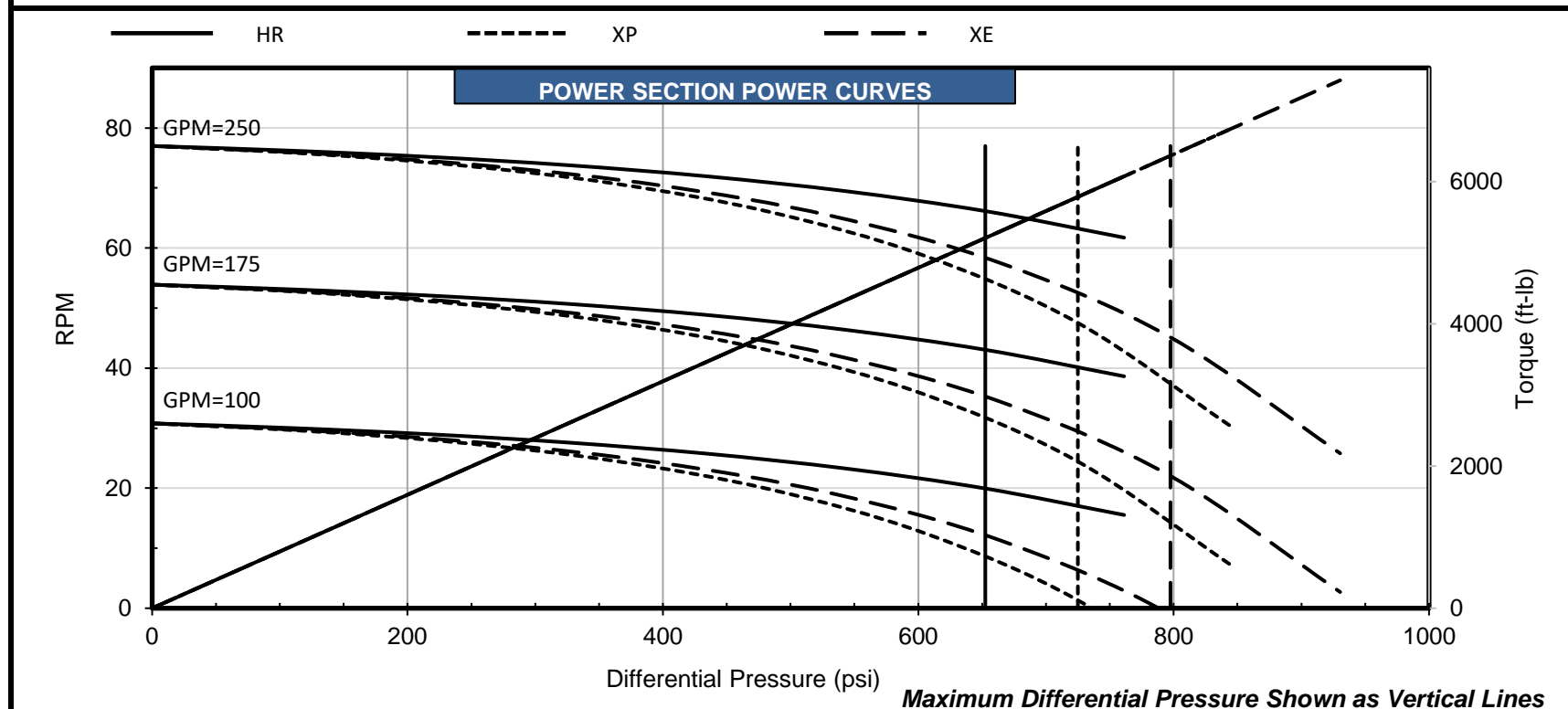
**Representative options given. Verify specific requirements before placing order.

***Customer specified

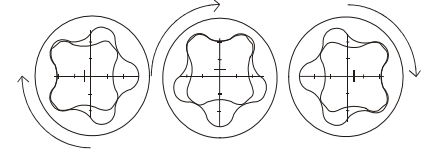
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	7.981 ft-lb/psi				
Flow Range	100 to 250 GPM				
RPG	0.308 rev/gal				
Speed Range	31 to 77 RPM				
Off Bottom Press.	39 psi				
		Max. Diff. Press. (psi)	650	730	800
		Max. Torque (ft-lb)	5210	5790	6370
		Stall Diff. Press. (psi)	980	1090	1200
		Stall Torque (ft-lb)	7810	8680	9550
		Max. Recommended (HP)	66	52	55
		PSI Per Stage	225	250	275
		PSI Per Cavity	40	45	49
		Temperature Slope (in/°F)	0.000268	0.000268	0.000280



Fit / temperature guidance assumes run conditions and mud compatibility effects from global data analysis at max flow and [recommended differential pressure](#) for maximum life.



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	62.61		62.61*	62.61*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.20		0.20*	0.20*
1 Oversize				
2 Oversize				

*Pending production measurements

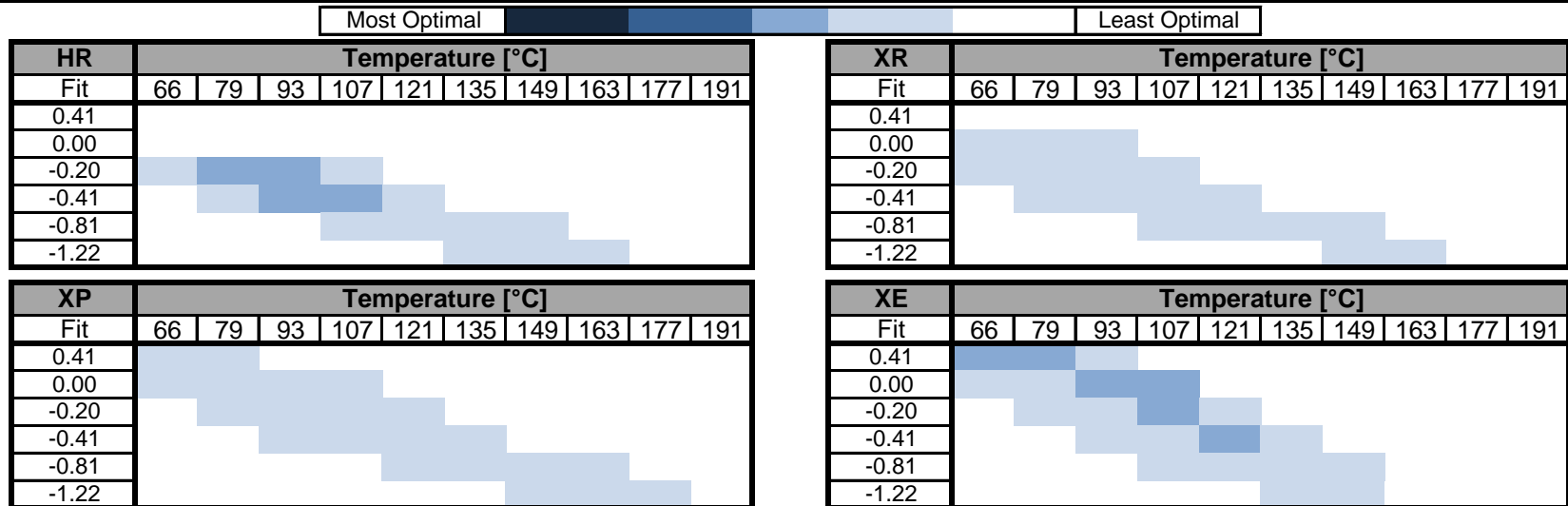
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6146.8	Overall Length (mm)	6350.0
Contour Length** (mm)	6002.0	Cutback #1** (mm)	190.5
Eccentricity (mm)	4.13	Cutback #2** (mm)	190.5
Major Diameter (mm)	71.07	Tube O.D. (mm)	120.7
Weight (kg)	125	Tube I.D. (mm)	95.3
Head Diameter*** (mm)	75.95	Weight (kg)	239
Material**	17-4SS		
Thread Form***	2 3/8 HEF Mod Flat		

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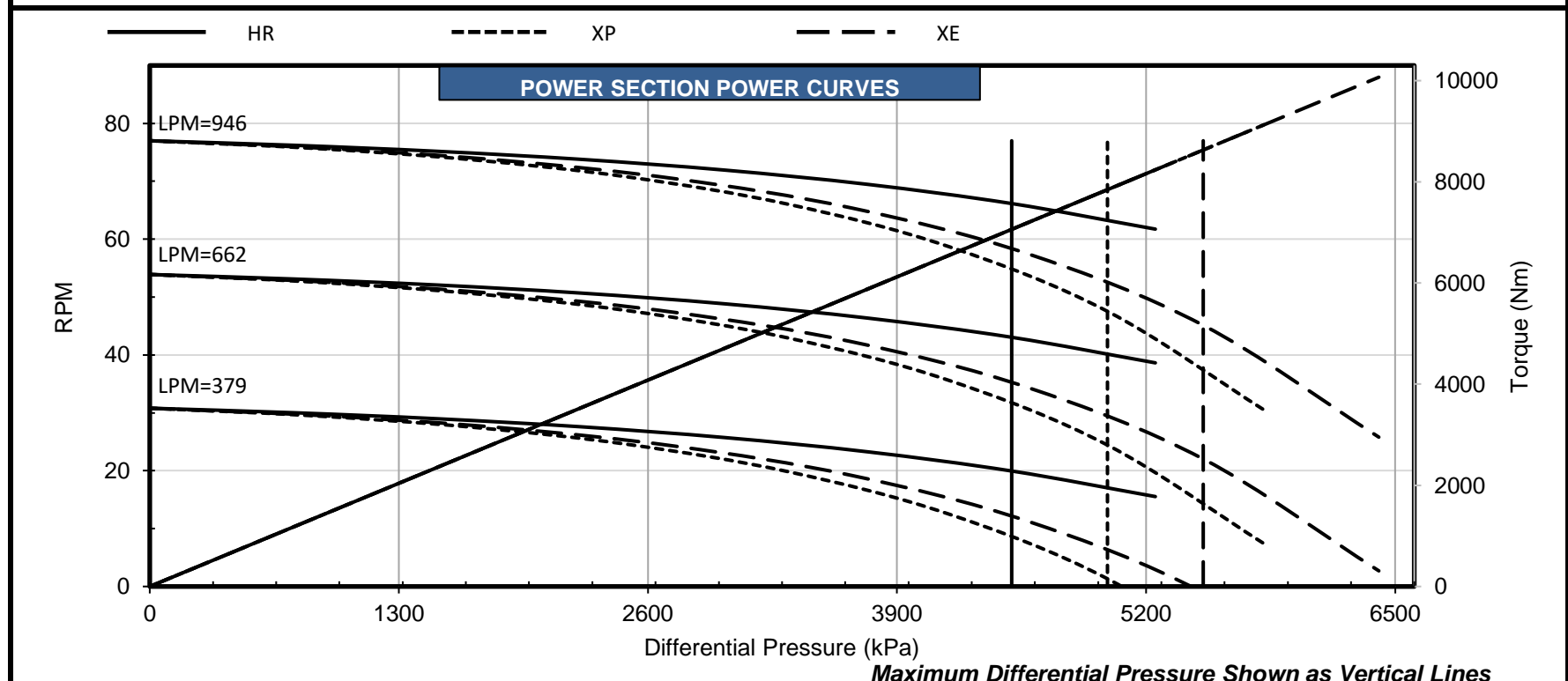
***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.569 Nm/kPa				
Flow Range	379 to 946 Litre/min				
RPG	0.081 rev/litre				
Speed Range	31 to 77 RPM				
Off Bottom Press.	269 kPa				
		Max. Diff. Press. (kPa)	4482	5033	5516
		Max. Torque (Nm)	7064	7850	8637
		Stall Diff. Press. (kPa)	6757	7515	8274
		Stall Torque (Nm)	10589	11769	12948
		Max. Recommended (kW)	49	39	41
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	276	310	338
		Temperature Slope (mm/°C)	0.0122	0.0122	0.0128

TEMPERATURE RECOMMENDATIONS BASED ON FIT



Fit / temperature guidance assumes run conditions and mud compatibility effects from global data analysis at max flow and [recommended differential pressure](#) for maximum life.



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