

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	4.385	4.385*	4.387	4.385*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.001	0.001*	-0.001	0.001*
1 Oversize				
2 Oversize				

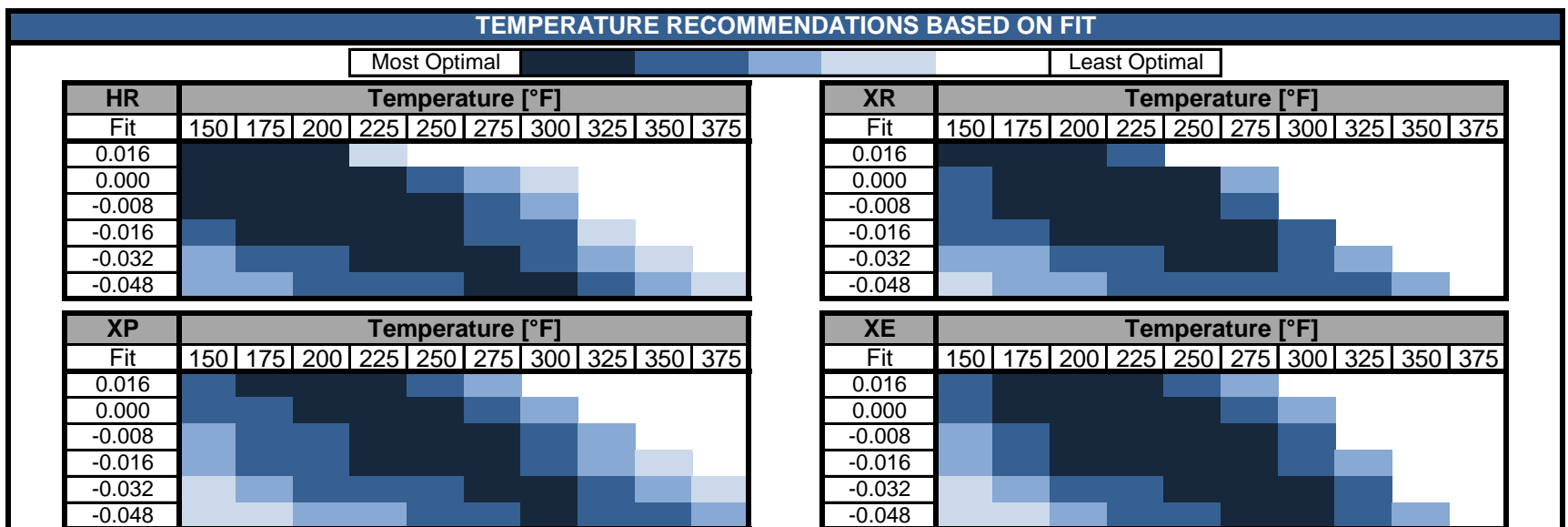
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	293.0	Overall Length (in)	300.0
Contour Length** (in)	286.0	Cutback #1** (in)	8.0
Eccentricity (in)	0.294	Cutback #2** (in)	8.0
Major Diameter (in)	4.973	Tube O.D. (in)	7.00
Weight (lb)	1193	Tube I.D. (in)	5.75
Head Diameter*** (in)	5.00	Weight (lb)	995
Material**	145 KSI 17-4SS		
Thread			
Form***	BLANK		

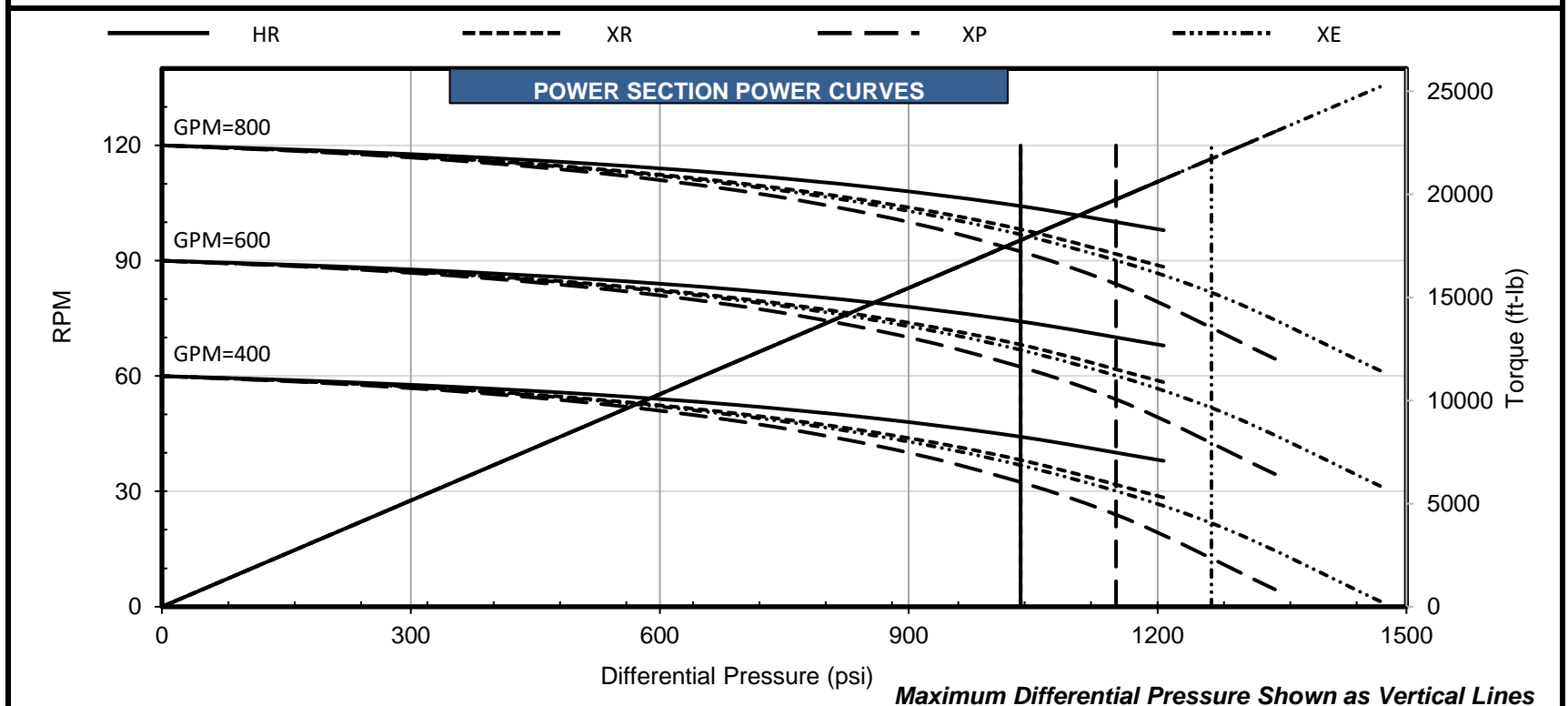
**Representative options given. Verify specific requirements before placing order.

***Customer specified

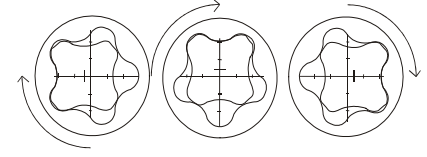
PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	17.173 ft-lb/psi					
Flow Range	400 to 800 GPM					
RPG	0.150 rev/gal					
Speed Range	60 to 120 RPM					
Off Bottom Press.	102 psi					
		Max. Diff. Press. (psi)	1040	1040	1150	1270
		Max. Torque (ft-lb)	17770	17770	19750	21720
		Stall Diff. Press. (psi)	1550	1550	1730	1900
		Stall Torque (ft-lb)	26660	26660	29620	32590
		Max. Recommended (HP)	353	332	316	338
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	40	40	44	48
		Temperature Slope (in/°F)	0.000283	0.000260	0.000283	0.000300



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	111.38	111.38*	111.43	111.38*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.03	0.03*	-0.03	0.03*
1 Oversize				
2 Oversize				

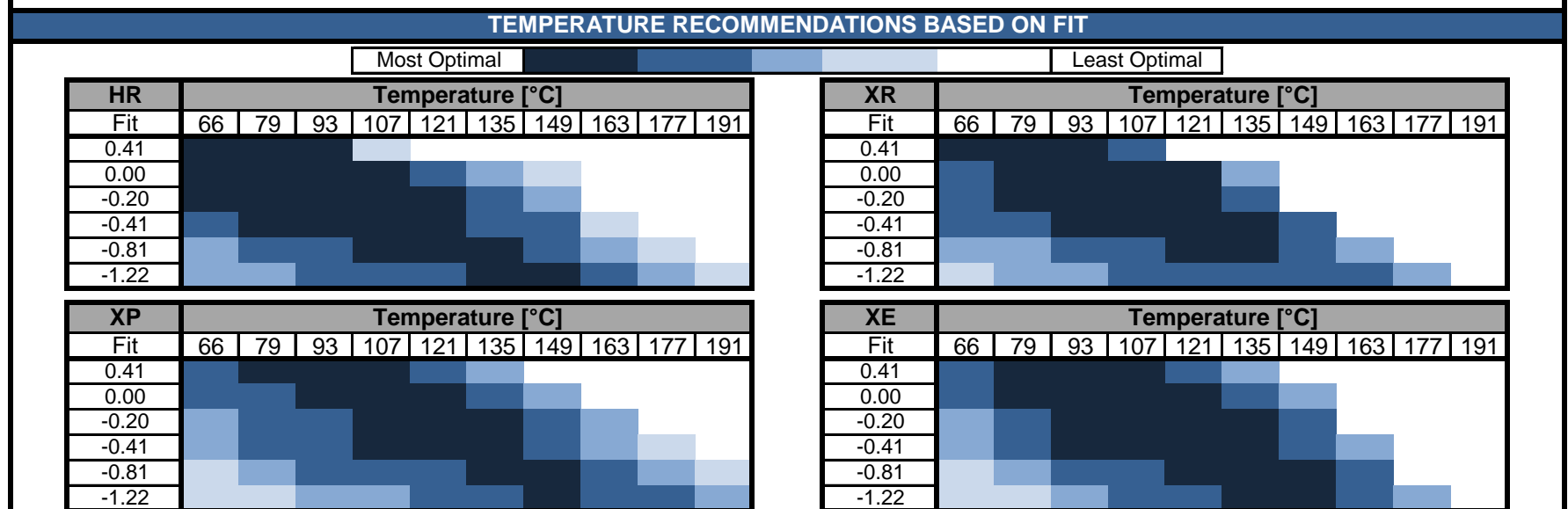
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7442.2	Overall Length (mm)	7620.0
Contour Length** (mm)	7264.4	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.46	Cutback #2** (mm)	203.2
Major Diameter (mm)	126.31	Tube O.D. (mm)	177.8
Weight (kg)	541	Tube I.D. (mm)	146.1
Head Diameter*** (mm)	127.00	Weight (kg)	451
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

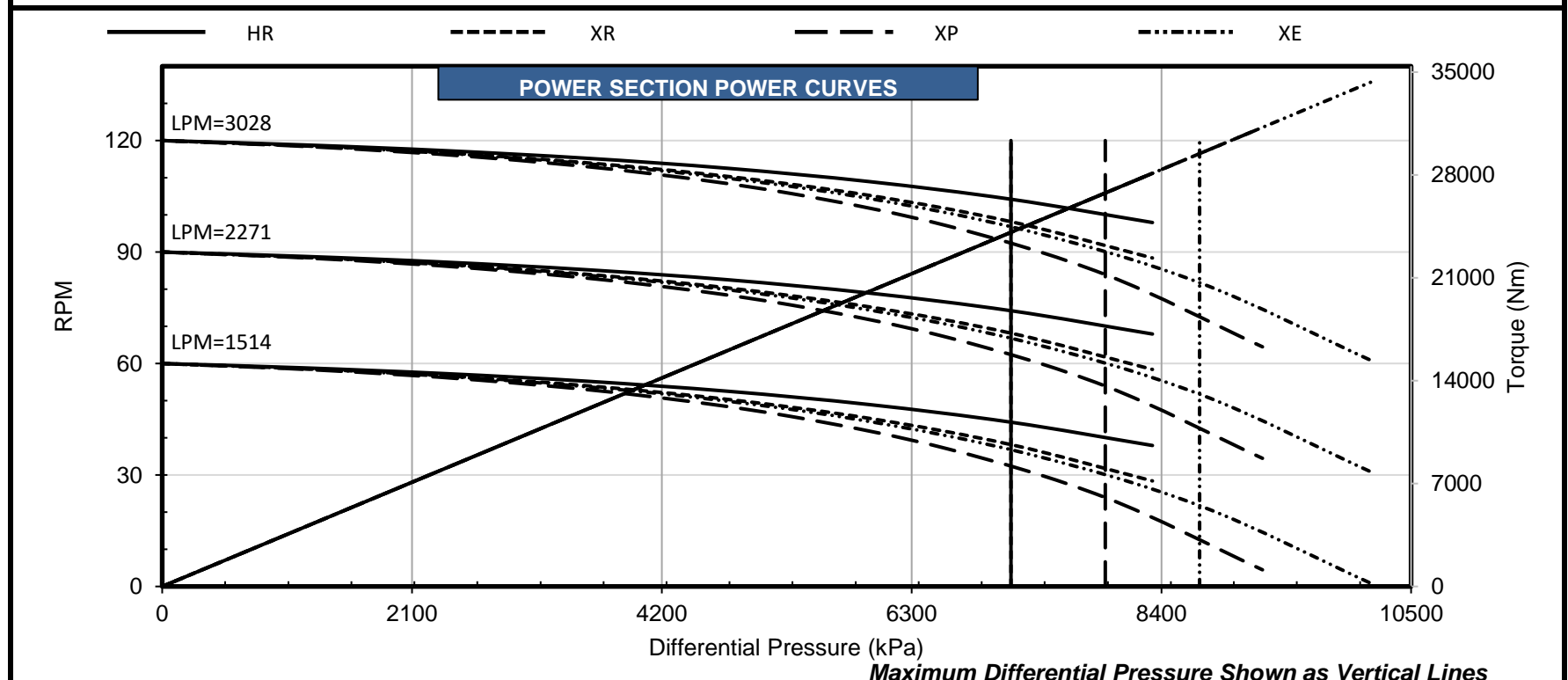
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.377 Nm/kPa					
Flow Range	1514 to 3028 Litre/min					
RPG	0.040 rev/litre					
Speed Range	60 to 120 RPM					
Off Bottom Press.	703 kPa					
		Max. Diff. Press. (kPa)	7171	7171	7929	8756
		Max. Torque (Nm)	24093	24093	26777	29448
		Stall Diff. Press. (kPa)	10687	10687	11928	13100
		Stall Torque (Nm)	36146	36146	40159	44186
		Max. Recommended (kW)	263	248	235	252
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	276	276	303	331
		Temperature Slope (mm/°C)	0.0130	0.0119	0.0130	0.0137



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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