

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
Standard	3.520		3.520*	3.520*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	0.008		0.008*	0.008*
1 Oversize				
2 Oversize				

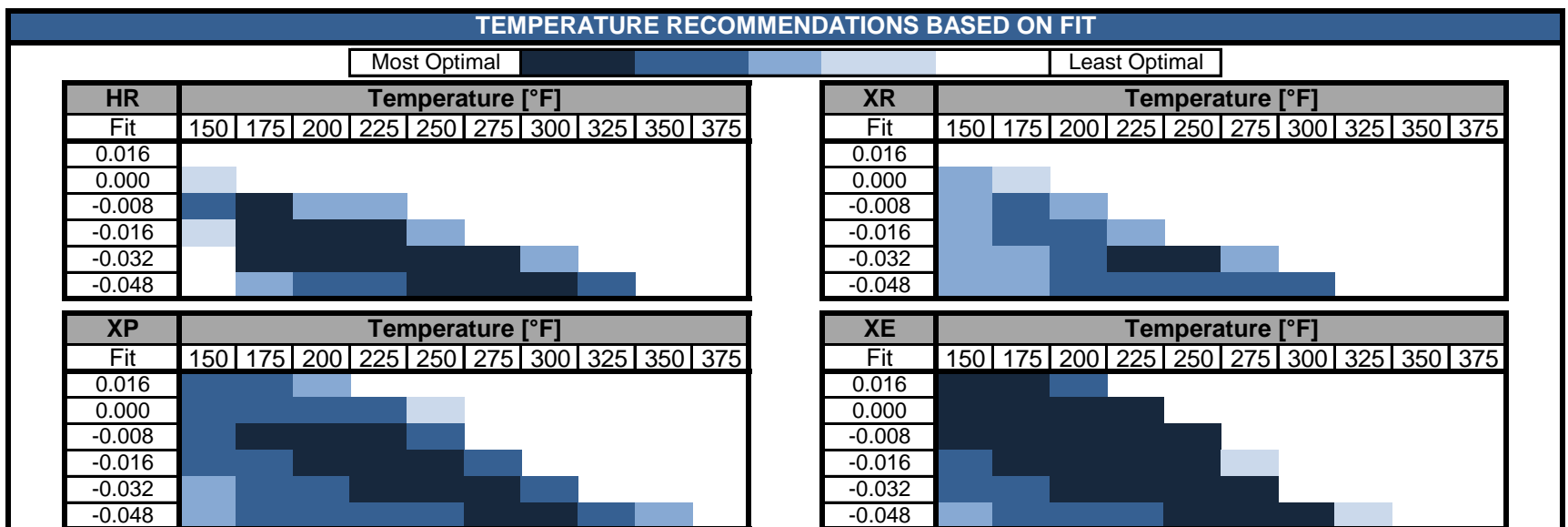
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	96.0	Overall Length (in)	113.0
Contour Length** (in)	90.0	Cutback #1** (in)	12.0
Eccentricity (in)	0.226	Cutback #2** (in)	7.5
Major Diameter (in)	3.980	Tube O.D. (in)	6.50
Weight (lb)	258	Tube I.D. (in)	5.00
Head Diameter*** (in)	4.00	Weight (lb)	465
Material**	17-4SS		
Thread Form***	2 3/8 HEF		

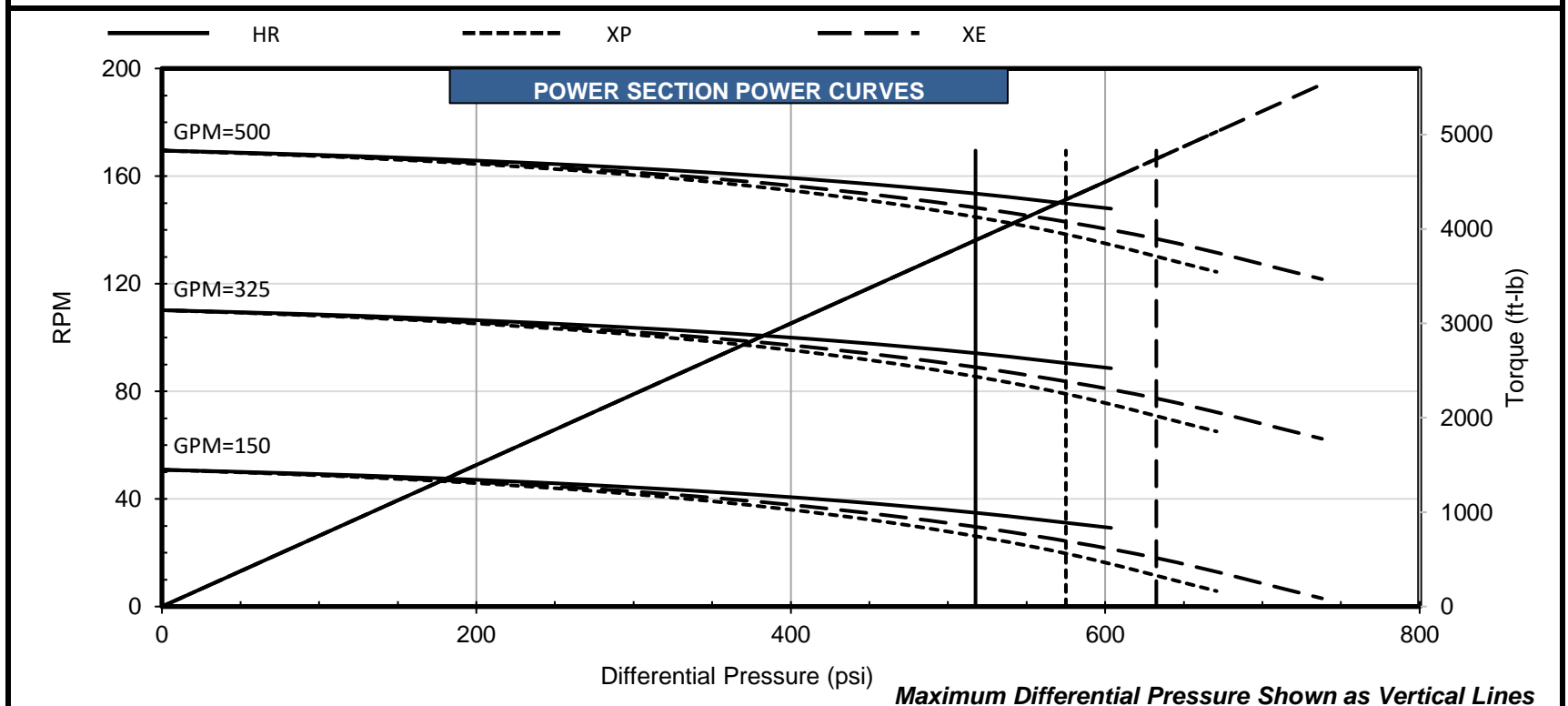
**Representative options given. Verify specific requirements before placing order.

***Customer specified

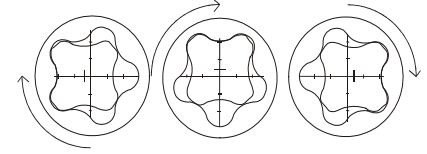
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	7.498 ft-lb/psi				
Flow Range	150 to 500 GPM				
RPG	0.339 rev/gal				
Speed Range	51 to 170 RPM				
Off Bottom Press.	72 psi				
		Max. Diff. Press. (psi)	520	580	630
		Max. Torque (ft-lb)	3880	4310	4740
		Stall Diff. Press. (psi)	780	860	950
		Stall Torque (ft-lb)	5820	6470	7110
		Max. Recommended (HP)	113	114	123
		PSI Per Stage	225	250	275
		PSI Per Cavity	45	50	55
		Temperature Slope (in/°F)	0.000284	0.000279	0.000293



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	89.41		89.41*	89.41*
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

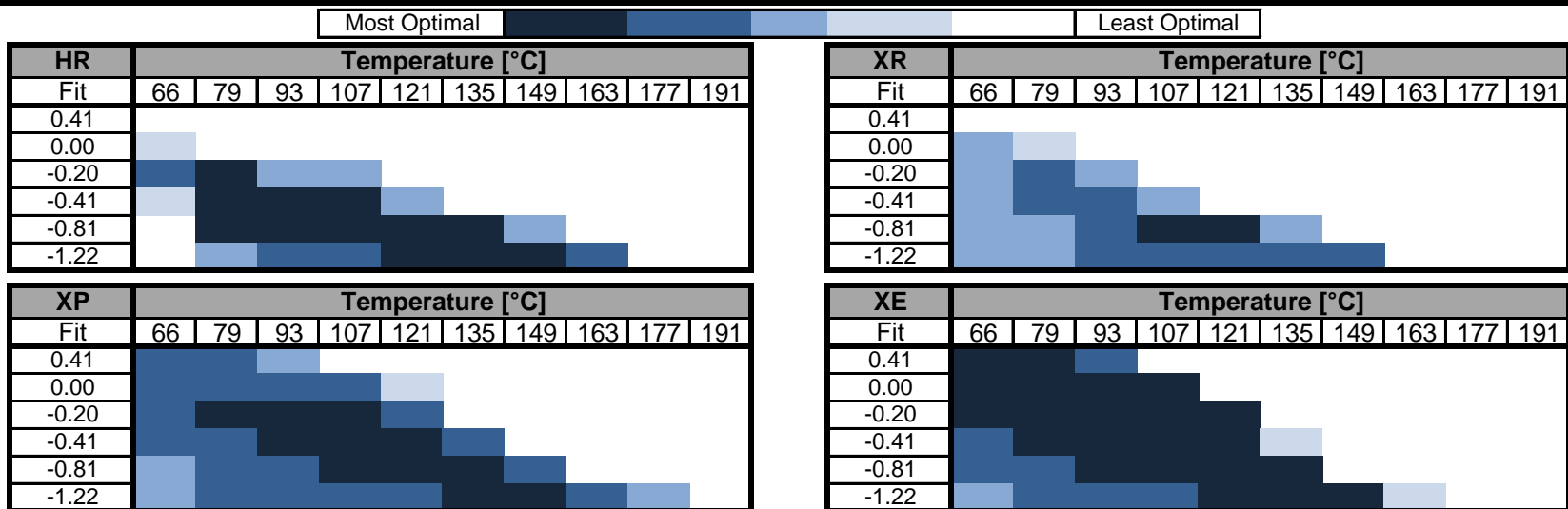
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	2438.4	Overall Length (mm)	2870.2
Contour Length** (mm)	2286.0	Cutback #1** (mm)	304.8
Eccentricity (mm)	5.74	Cutback #2** (mm)	190.5
Major Diameter (mm)	101.09	Tube O.D. (mm)	165.1
Weight (kg)	117	Tube I.D. (mm)	127.0
Head Diameter*** (mm)	101.60	Weight (kg)	211
Material**	17-4SS		
Thread Form***	2 3/8 HEF		

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

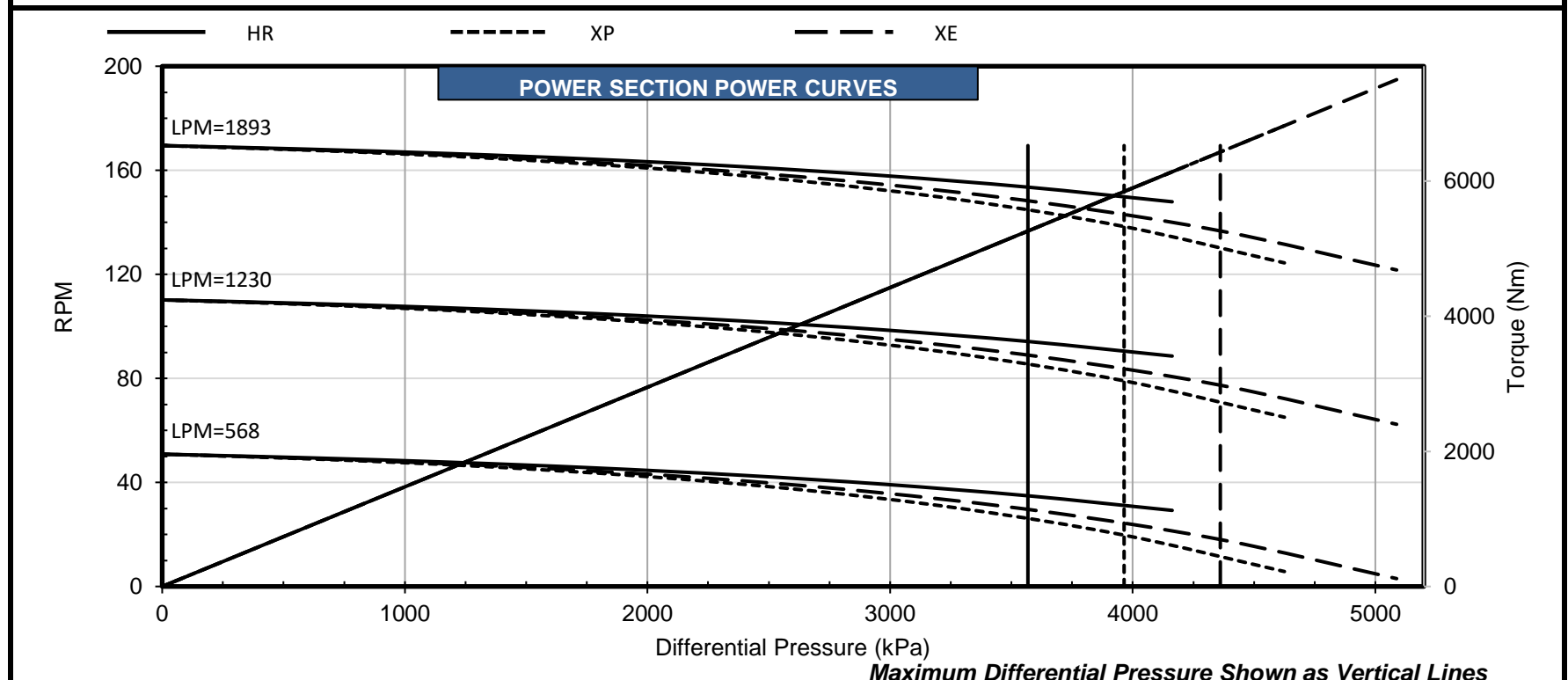
***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.474 Nm/kPa				
Flow Range	568 to 1893 Litre/min				
RPG	0.090 rev/litre				
Speed Range	51 to 170 RPM				
Off Bottom Press.	496 kPa				
		Max. Diff. Press. (kPa)	3585	3999	4344
		Max. Torque (Nm)	5261	5844	6427
		Stall Diff. Press. (kPa)	5378	5929	6550
		Stall Torque (Nm)	7891	8772	9640
		Max. Recommended (kW)	85	85	92
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	310	345	379
		Temperature Slope (mm/°C)	0.0130	0.0127	0.0134

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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