

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	2.737*		2.737	2.737*
Standard	2.746	2.759	2.752	2.752*
1 Oversize	2.763		2.763*	2.763*
2 Oversize		2.773		
Nominal Fit at 75°F				
1 Undersize	0.011*		0.011	0.011*
Standard	0.002	-0.011	-0.004	-0.004*
1 Oversize	-0.015		-0.015*	-0.015*
2 Oversize		-0.025		

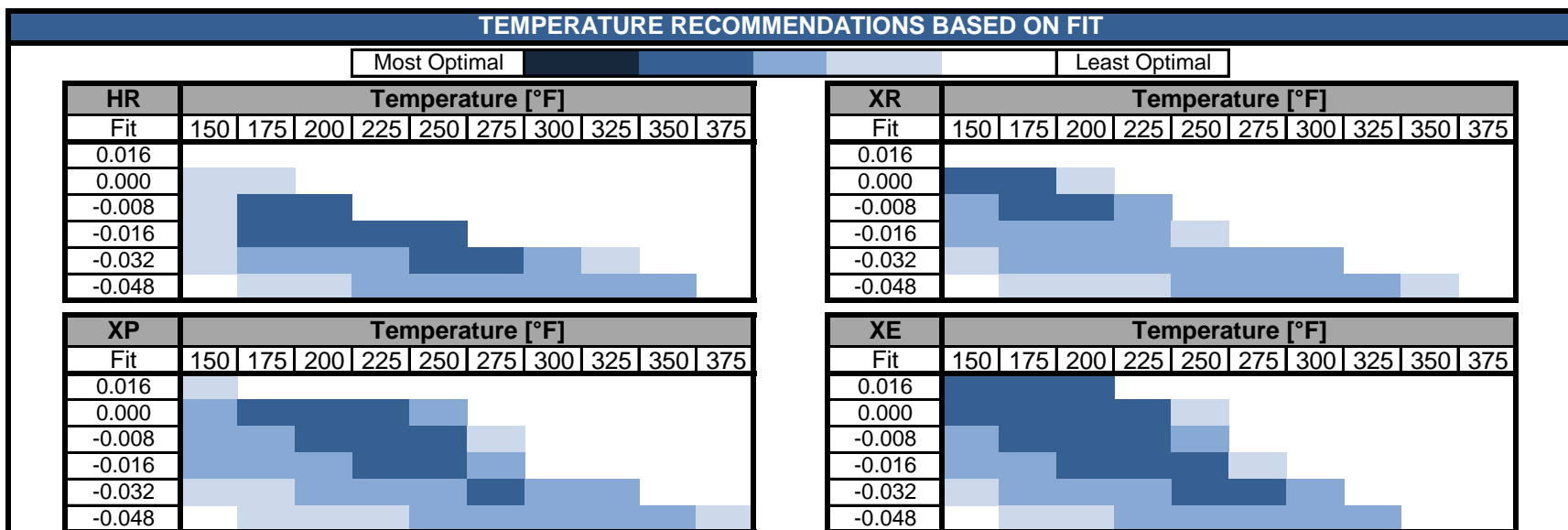
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	220.0	Overall Length (in)	229.3
Contour Length** (in)	214.3	Cutback #1** (in)	8.0
Eccentricity (in)	0.172	Cutback #2** (in)	8.0
Major Diameter (in)	3.091	Tube O.D. (in)	4.75
Weight (lb)	323	Tube I.D. (in)	3.75
Head Diameter*** (in)	2.75	Weight (lb)	425
Material**	17-4SS		
Thread Form***	2 3/8 HEF Mod Flat		

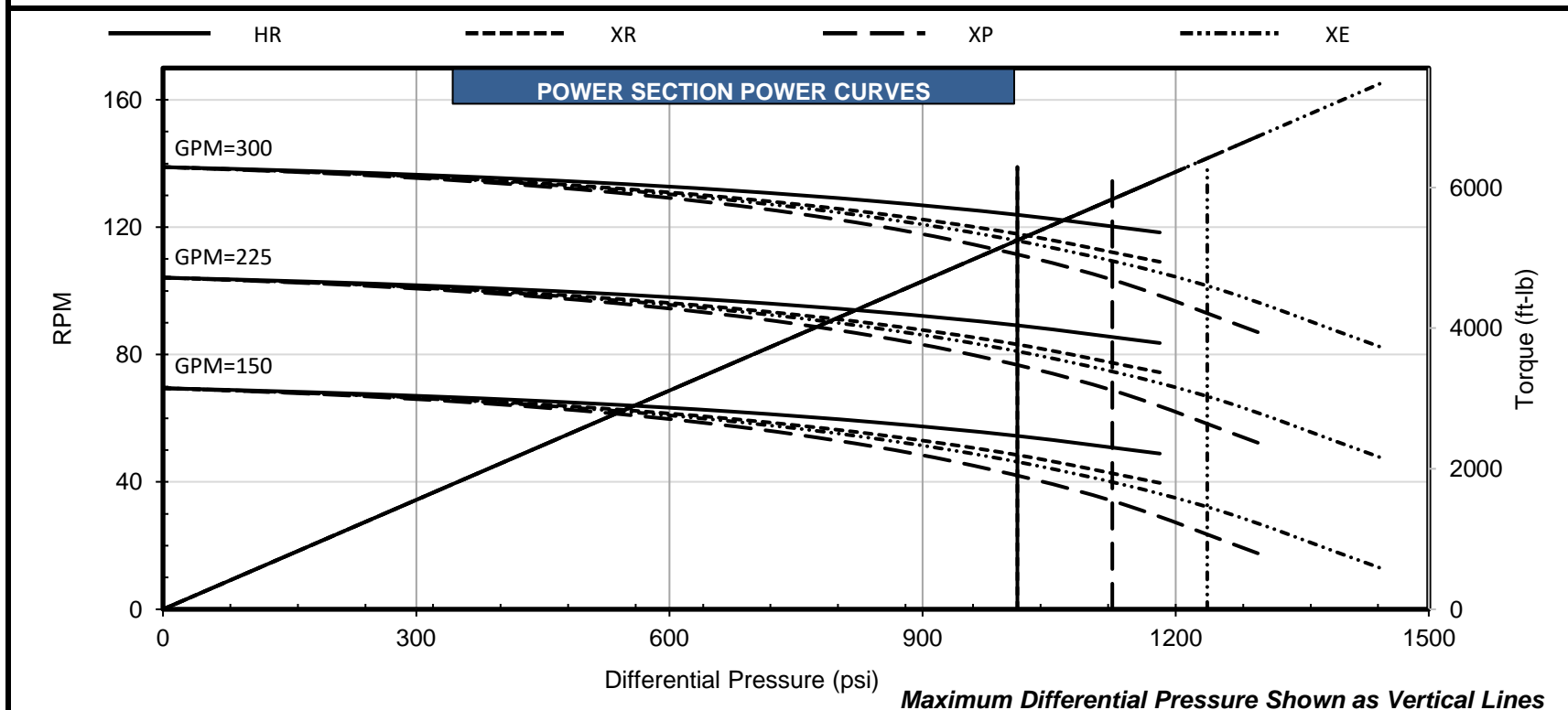
**Representative options given. Verify specific requirements before placing order.

***Customer specified

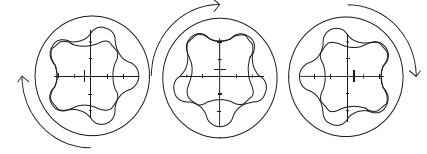
PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	5.185 ft-lb/psi	1010	1010	1130	1240	
Flow Range	150 to 300 GPM	5250	5250	5830	6420	
RPG	0.463 rev/gal	1520	1520	1690	1860	
Speed Range	69 to 139 RPM	7870	7870	8750	9620	
Off Bottom Press.	70 psi	124	118	115	124	
		225	225	250	275	
		35	35	39	43	
	Temperature Slope (in/°F)	0.000235	0.000222	0.000235	0.000244	



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	69.52*		69.52	69.52*
Standard	69.75	70.08	69.90	69.90*
1 Oversize	70.18		70.18*	70.18*
2 Oversize		70.43		
Nominal Fit at 75°F				
1 Undersize	0.28*		0.28	0.28*
Standard	0.05	-0.28	-0.10	-0.10*
1 Oversize	-0.38		-0.38*	-0.38*
2 Oversize		-0.64		

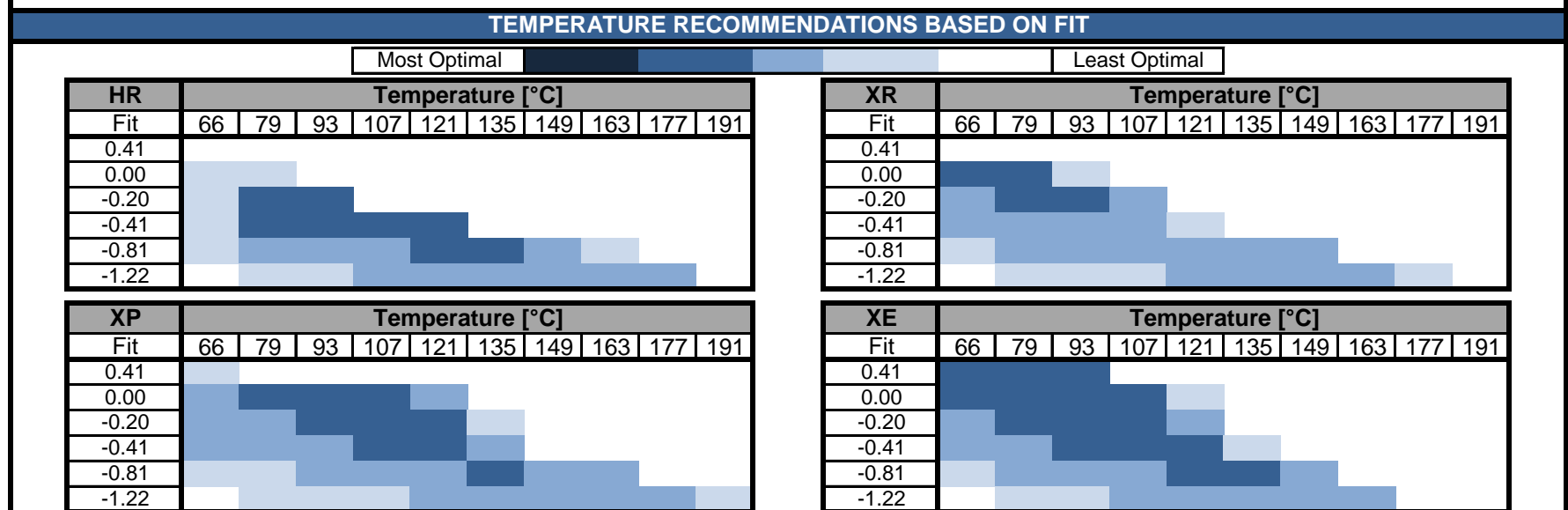
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	5588.0	Overall Length (mm)	5824.2
Contour Length** (mm)	5443.2	Cutback #1** (mm)	203.2
Eccentricity (mm)	4.36	Cutback #2** (mm)	203.2
Major Diameter (mm)	78.51	Tube O.D. (mm)	120.7
Weight (kg)	147	Tube I.D. (mm)	95.3
Head Diameter*** (mm)	69.85	Weight (kg)	193
Material**	17-4SS		
Thread Form***	2 3/8 HEF Mod Flat		

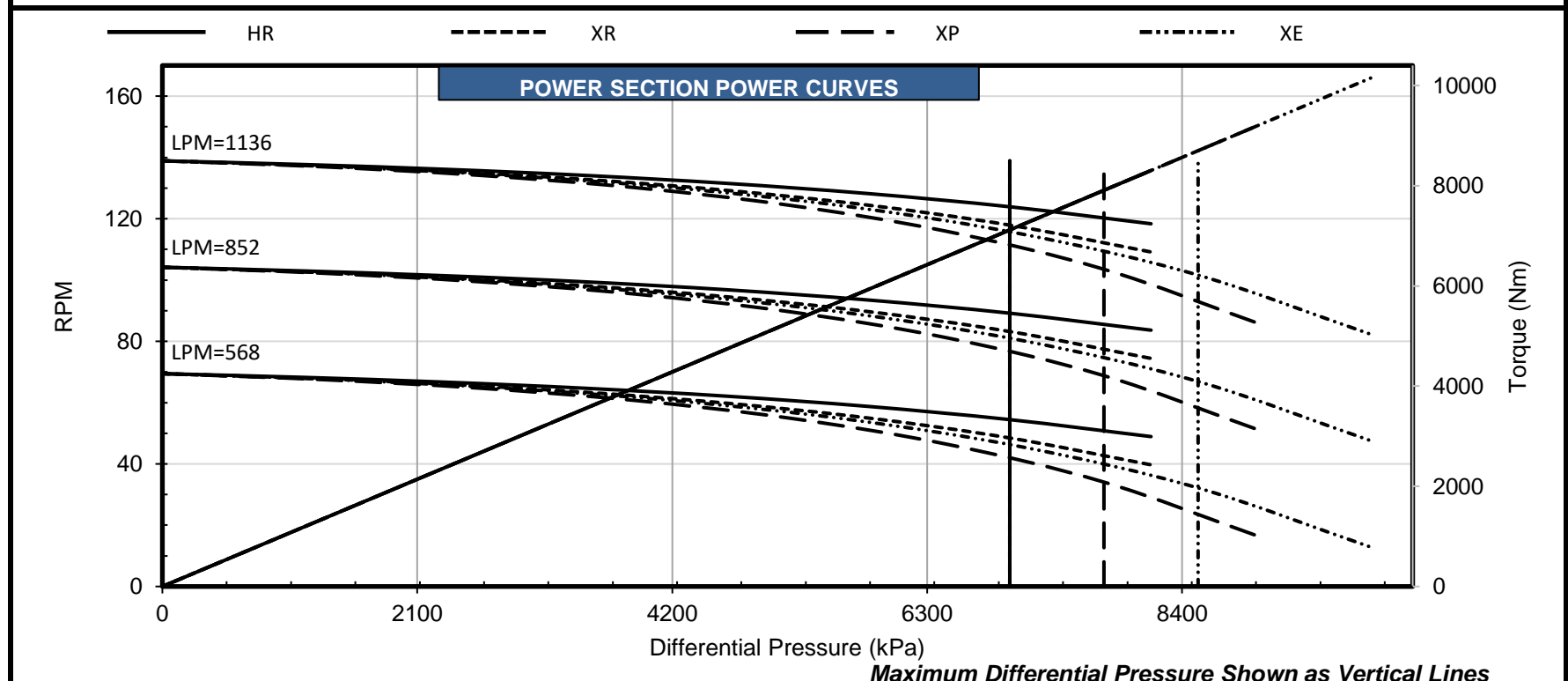
**Representative options given. Verify specific requirements before placing order.

***Customer specified

PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	1.020 Nm/kPa	6964	6964	7791	8550	Max. Diff. Press. (kPa)
Flow Range	568 to 1136 Litre/min	7118	7118	7904	8704	Max. Torque (Nm)
RPG	0.122 rev/litre	10480	10480	11652	12824	Stall Diff. Press. (kPa)
Speed Range	69 to 139 RPM	10670	10670	11863	13043	Stall Torque (Nm)
Off Bottom Press.	483 kPa	92	88	86	93	Max. Recommended (kW)
		1551	1551	1724	1896	kPa Per Stage
		241	241	269	296	kPa Per Cavity
		0.0108	0.0102	0.0108	0.0112	Temperature Slope (mm/°C)



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.