

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
STD-1US				
1OS-STD				
1.5OS-0.5OS	4.085*		4.085*	4.085*
2OS-1OS				
Nominal Fit at 75°F				
STD-1US				
1OS-STD				
1.5OS-0.5OS	-0.009*		-0.009*	-0.009*
2OS-1OS				

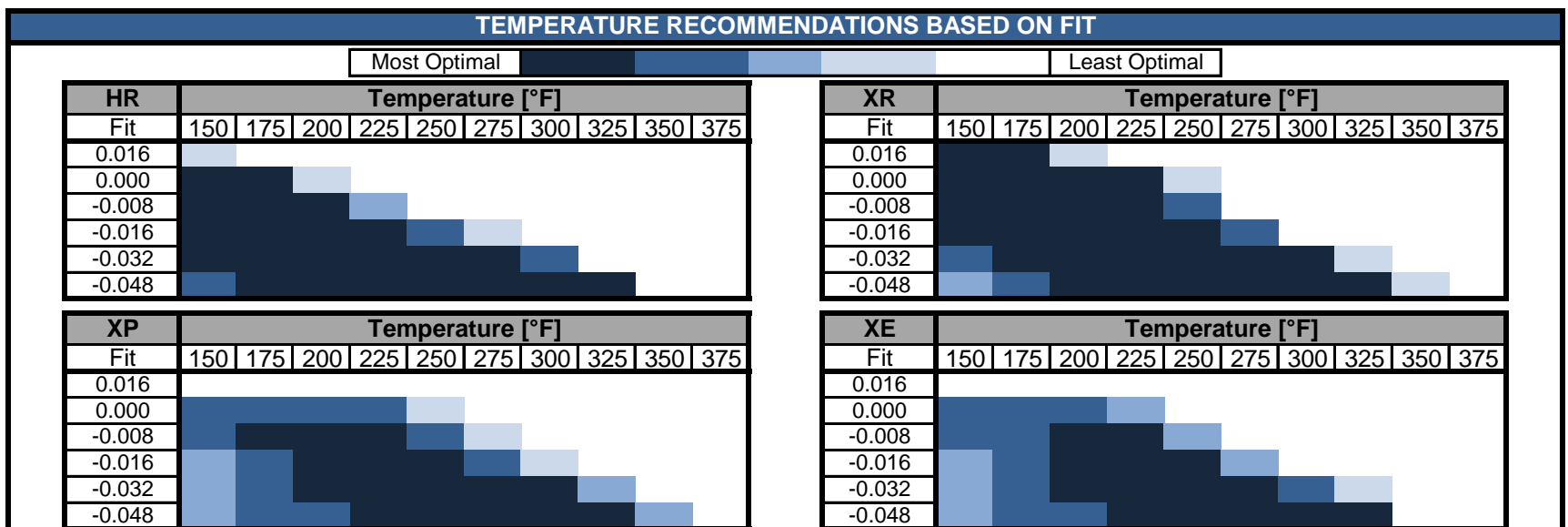
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	252.0	Overall Length (in)	260.0
Contour Length** (in)	244.0	Cutback #1** (in)	10.0
Eccentricity (in)	0.294	Cutback #2** (in)	10.0
Major Diameter (in)	4.663	Tube O.D. (in)	7.00
Weight (lb)	954	Tube I.D. (in)	5.75
Head Diameter*** (in)	4.70	Weight (lb)	879
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

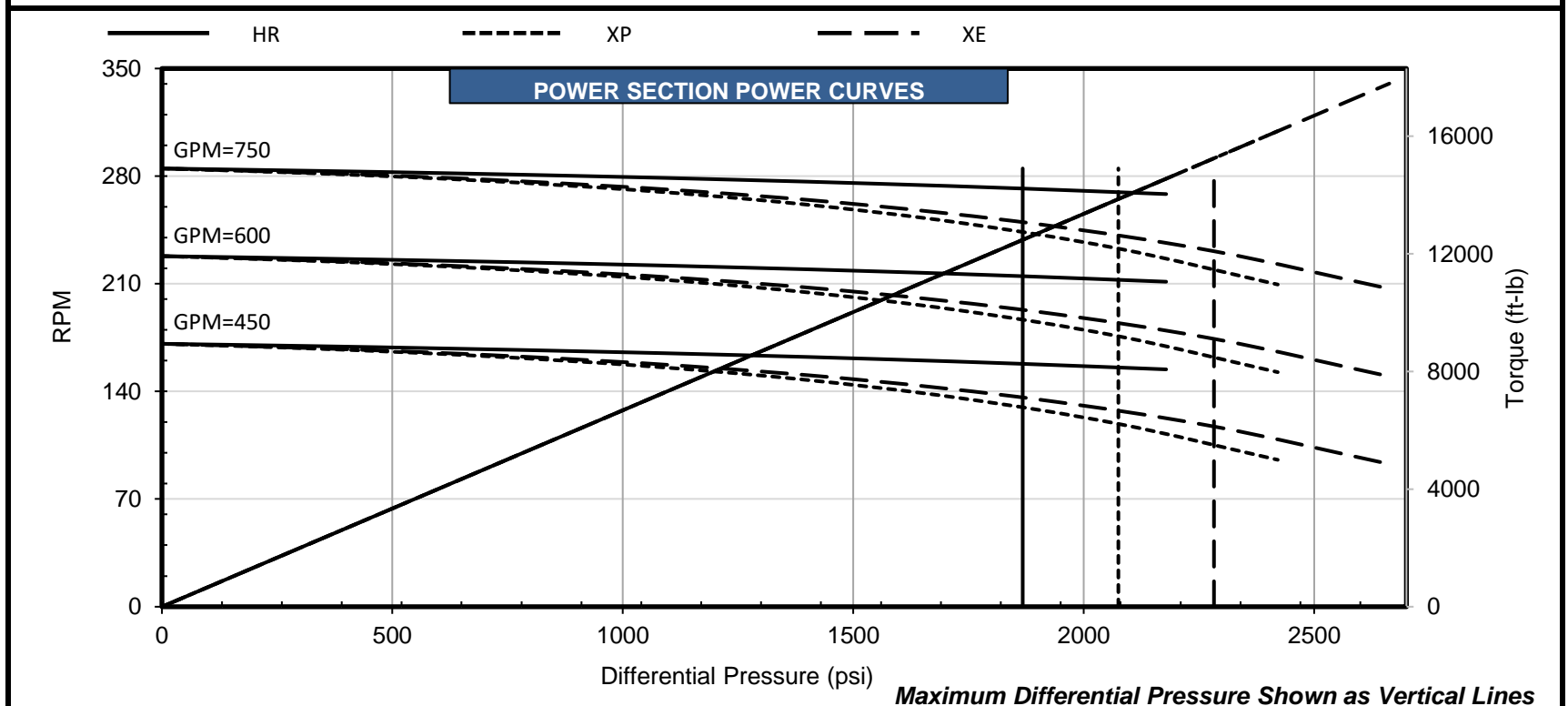
**Representative options given. Verify specific requirements before placing order.

***Customer specified

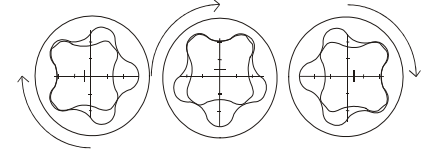
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	6.680 ft-lb/psi				
Flow Range	450 to 750 GPM				
RPG	0.380 rev/gal				
Speed Range	171 to 285 RPM				
Off Bottom Press.	209 psi				
		Max. Diff. Press. (psi)	1870	2080	2280
		Max. Torque (ft-lb)	12470	13860	15250
		Stall Diff. Press. (psi)	2800	3110	3420
		Stall Torque (ft-lb)	18710	20790	22870
		Max. Recommended (HP)	646	615	671
		PSI Per Stage	225	250	275
		PSI Per Cavity	42	46	51
		Temperature Slope (in/°F)	0.000381	0.000381	0.000402



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
STD-1US				
1OS-STD				
1.5OS-0.5OS	103.76*		103.76*	103.76*
2OS-1OS				
Nominal Fit at 75°F				
STD-1US				
1OS-STD				
1.5OS-0.5OS	-0.23*		-0.23*	-0.23*
2OS-1OS				

*Pending production measurements

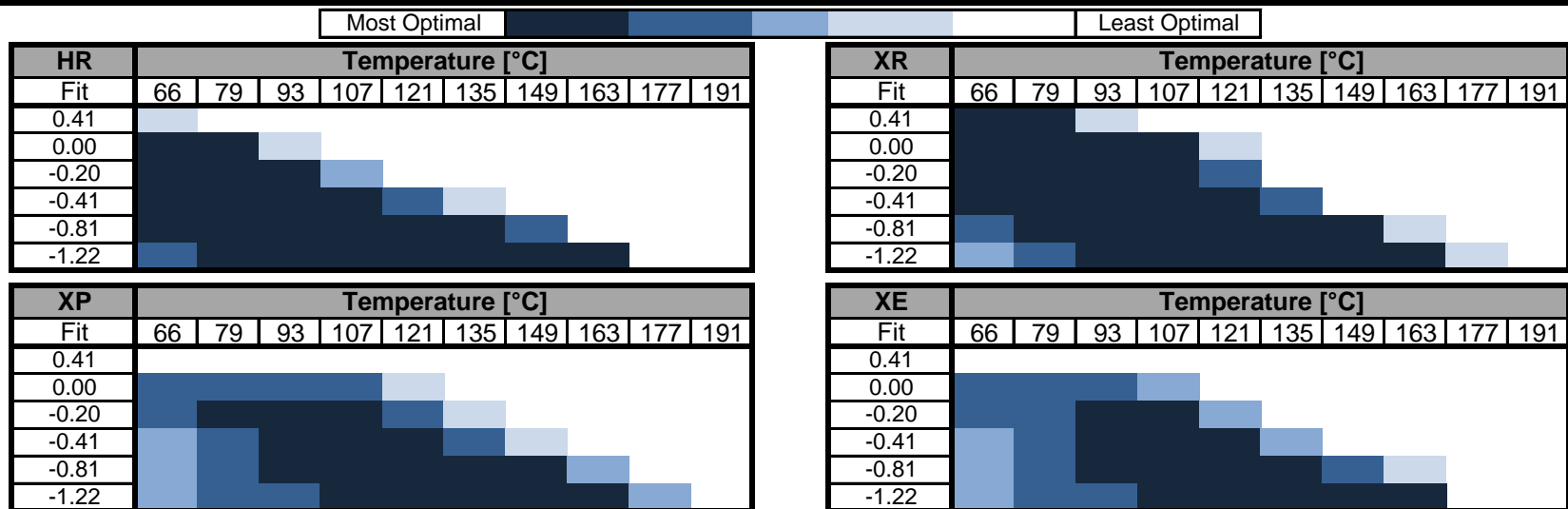
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6400.8	Overall Length (mm)	6604.0
Contour Length** (mm)	6197.6	Cutback #1** (mm)	254.0
Eccentricity (mm)	7.45	Cutback #2** (mm)	254.0
Major Diameter (mm)	118.44	Tube O.D. (mm)	177.8
Weight (kg)	433	Tube I.D. (mm)	146.1
Head Diameter*** (mm)	119.38	Weight (kg)	399
Material**	145 KSI 17-4SS		
Thread Form***	BLANK		

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

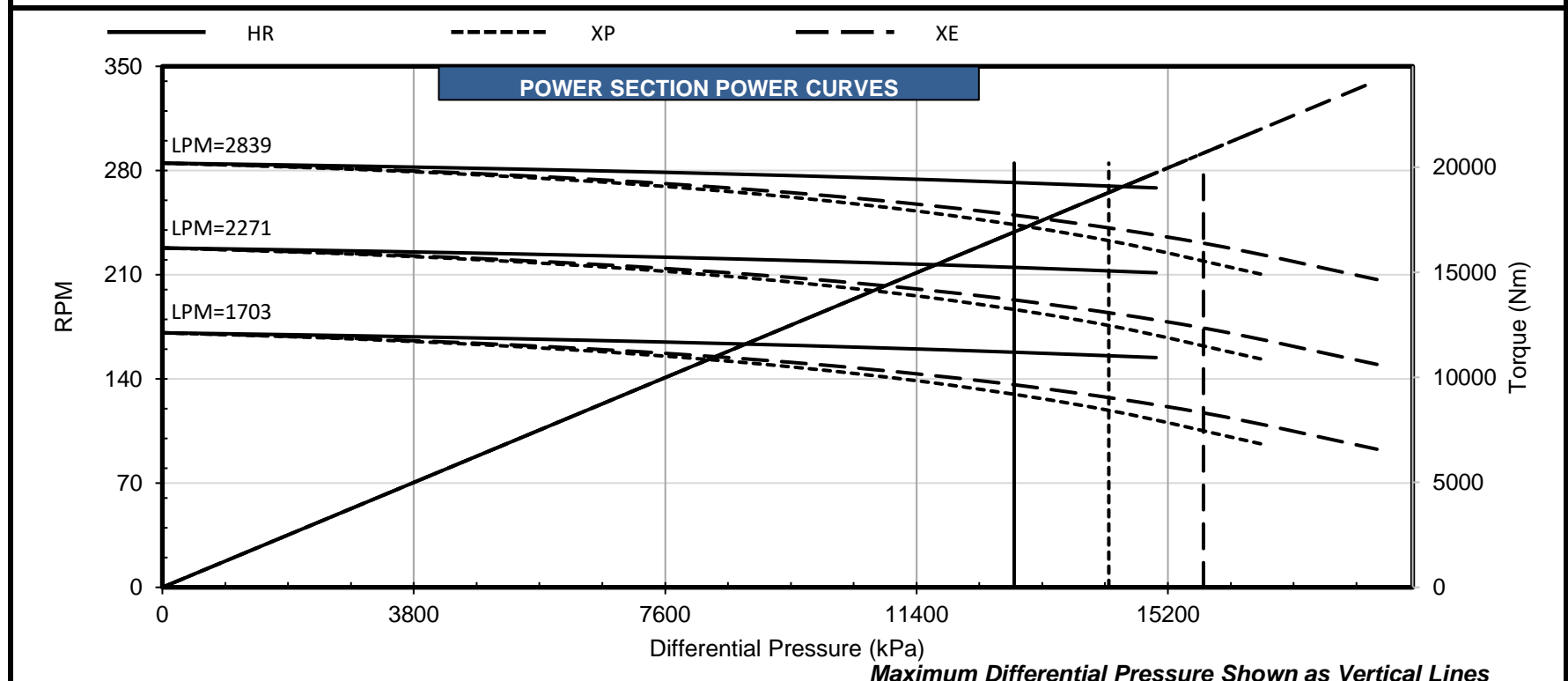
***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.314 Nm/kPa				
Flow Range	1703 to 2839 Litre/min				
RPG	0.100 rev/litre				
Speed Range	171 to 285 RPM				
Off Bottom Press.	1441 kPa				
		Max. Diff. Press. (kPa)	12893	14341	15720
		Max. Torque (Nm)	16907	18792	20676
		Stall Diff. Press. (kPa)	19305	21443	23580
		Stall Torque (Nm)	25367	28187	31008
		Max. Recommended (kW)	482	459	501
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	290	317	352
		Temperature Slope (mm/°C)	0.0174	0.0174	0.0184

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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