

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize	4.280		4.283	4.280*
Standard	4.306		4.306*	4.306*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.026		0.023	0.026*
Standard	0.000		0.000*	0.000*
1 Oversize				
2 Oversize				

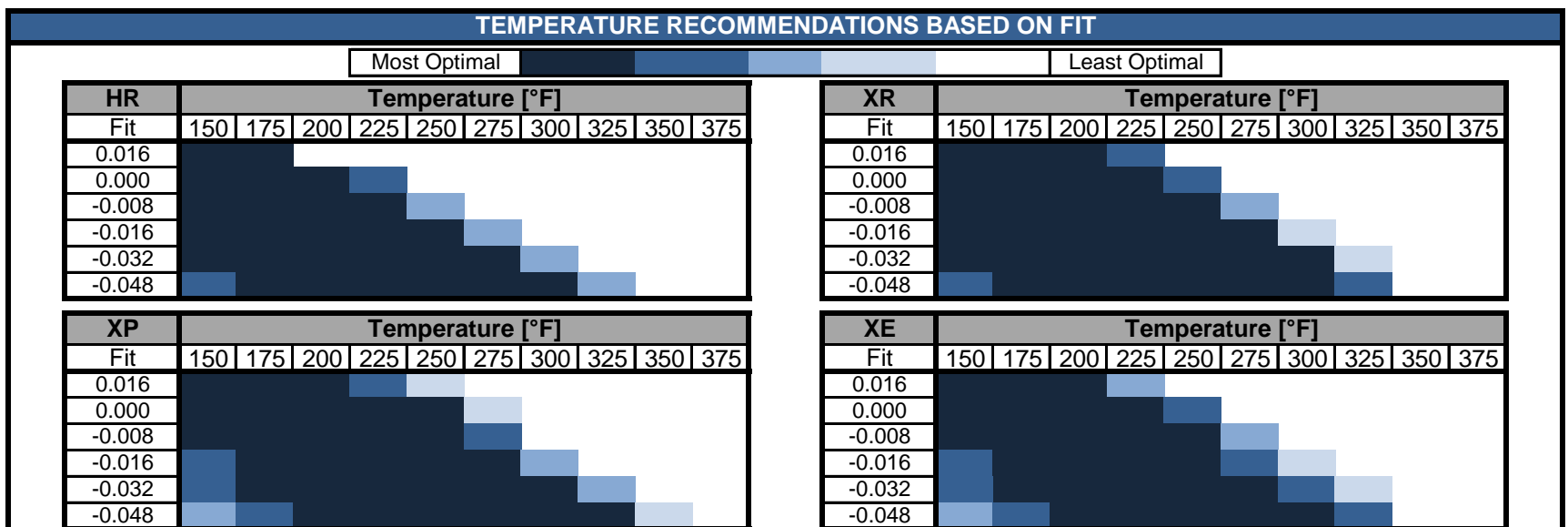
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	252.0	Overall Length (in)	260.0
Contour Length** (in)	244.5	Cutback #1** (in)	8.0
Eccentricity (in)	0.419	Cutback #2** (in)	8.0
Major Diameter (in)	5.143	Tube O.D. (in)	8.00
Weight (lb)	950	Tube I.D. (in)	6.25
Head Diameter*** (in)	5.00	Weight (lb)	1388
Material**	17-4SS		
Thread Form***	3 1/2 API IF		

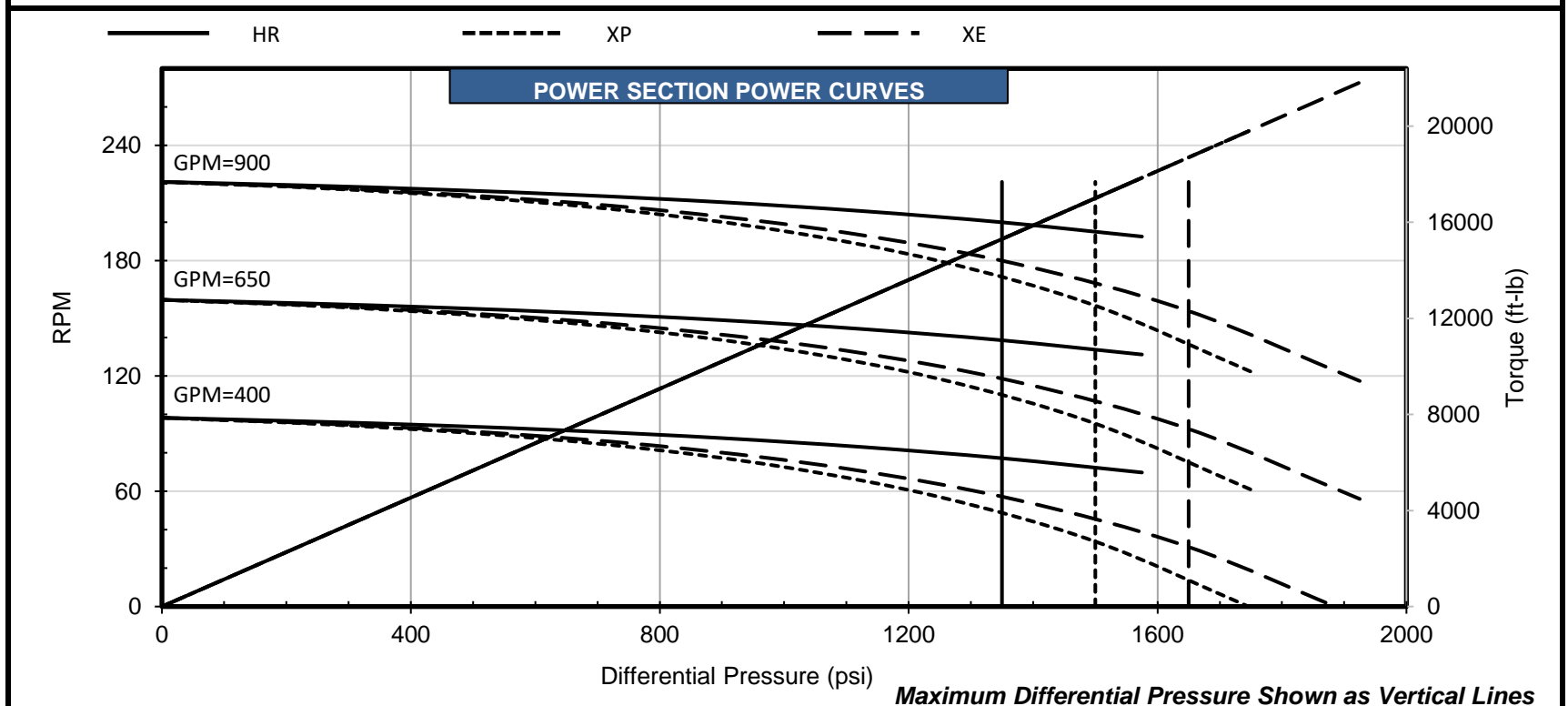
**Representative options given. Verify specific requirements before placing order.

***Customer specified

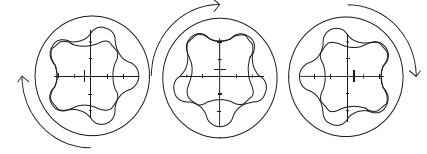
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	11.333 ft-lb/psi				
Flow Range	400 to 900 GPM				
RPG	0.246 rev/gal				
Speed Range	98 to 221 RPM				
Off Bottom Press.	188 psi				
		Max. Diff. Press. (psi)	1350	1500	1650
		Max. Torque (ft-lb)	15300	17000	18700
		Stall Diff. Press. (psi)	2030	2250	2480
		Stall Torque (ft-lb)	22950	25500	28050
		Max. Recommended (HP)	583	507	548
		PSI Per Stage	225	250	275
		PSI Per Cavity	52	58	63
		Temperature Slope (in/°F)	0.000408	0.000408	0.000432



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	108.71		108.79	108.71*
Standard	109.37		109.37*	109.37*
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize	0.66		0.58	0.66*
Standard	0.00		0.00*	0.00*
1 Oversize				
2 Oversize				

*Pending production measurements

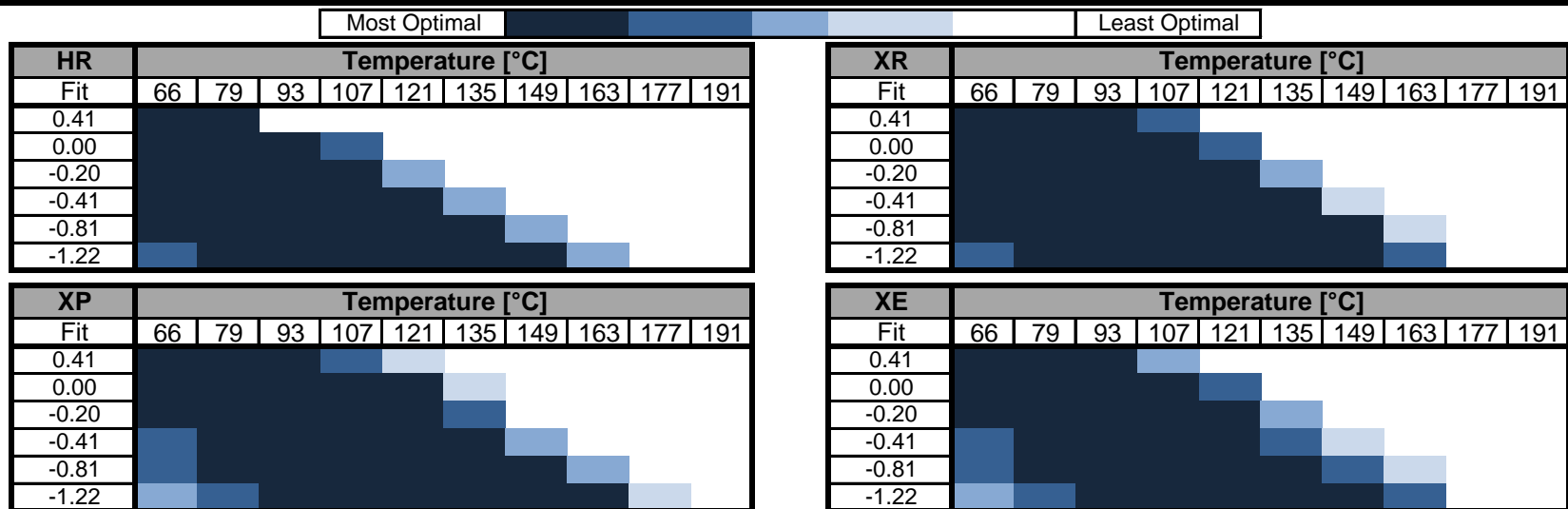
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6400.8	Overall Length (mm)	6604.0
Contour Length** (mm)	6210.3	Cutback #1** (mm)	203.2
Eccentricity (mm)	10.63	Cutback #2** (mm)	203.2
Major Diameter (mm)	130.63	Tube O.D. (mm)	203.2
Weight (kg)	431	Tube I.D. (mm)	158.8
Head Diameter*** (mm)	127.00	Weight (kg)	630
Material**	17-4SS		
Thread Form***	3 1/2 API IF		

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

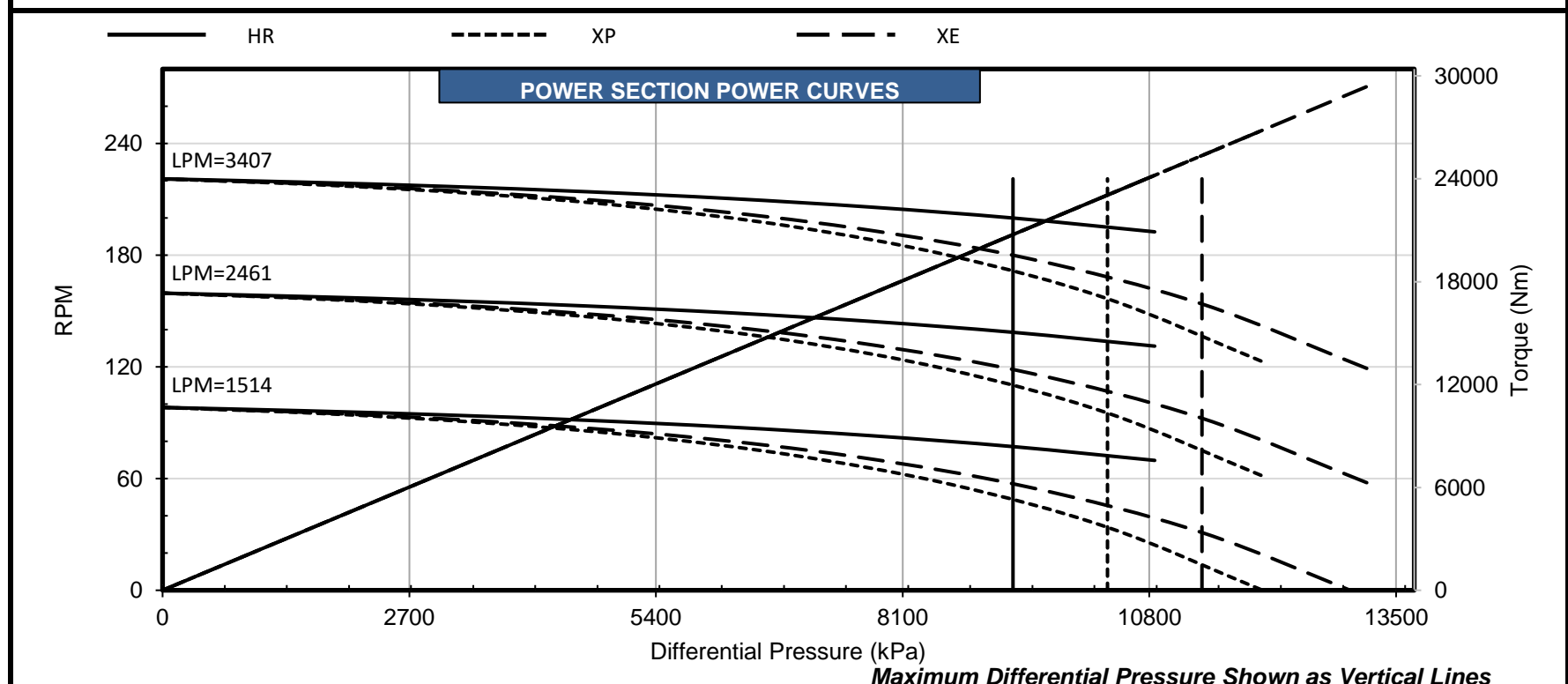
***Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	2.229 Nm/kPa				
Flow Range	1514 to 3407 Litre/min				
RPG	0.065 rev/litre				
Speed Range	98 to 221 RPM				
Off Bottom Press.	1296 kPa				
		Max. Diff. Press. (kPa)	9308	10342	11376
		Max. Torque (Nm)	20744	23049	25354
		Stall Diff. Press. (kPa)	13996	15513	17099
		Stall Torque (Nm)	31116	34573	38031
		Max. Recommended (kW)	435	378	409
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	359	400	434
		Temperature Slope (mm/°C)	0.0187	0.0187	0.0198

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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