

## 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				

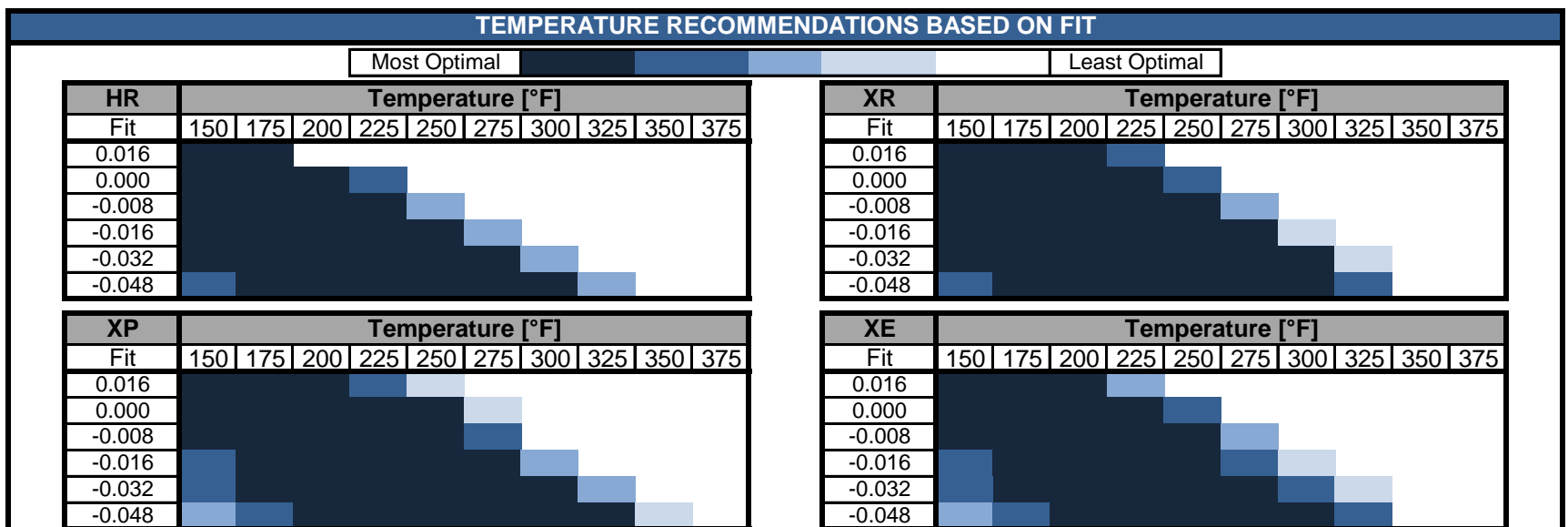
\*Pending production measurements

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)	7.75
Weight (lb)	940	Tube I.D. (in)	6.25
Head Diameter*** (in)	4.35	Weight (lb)	1190
Material**	17-4SS		
Thread Form***	3 1/2 API REG		

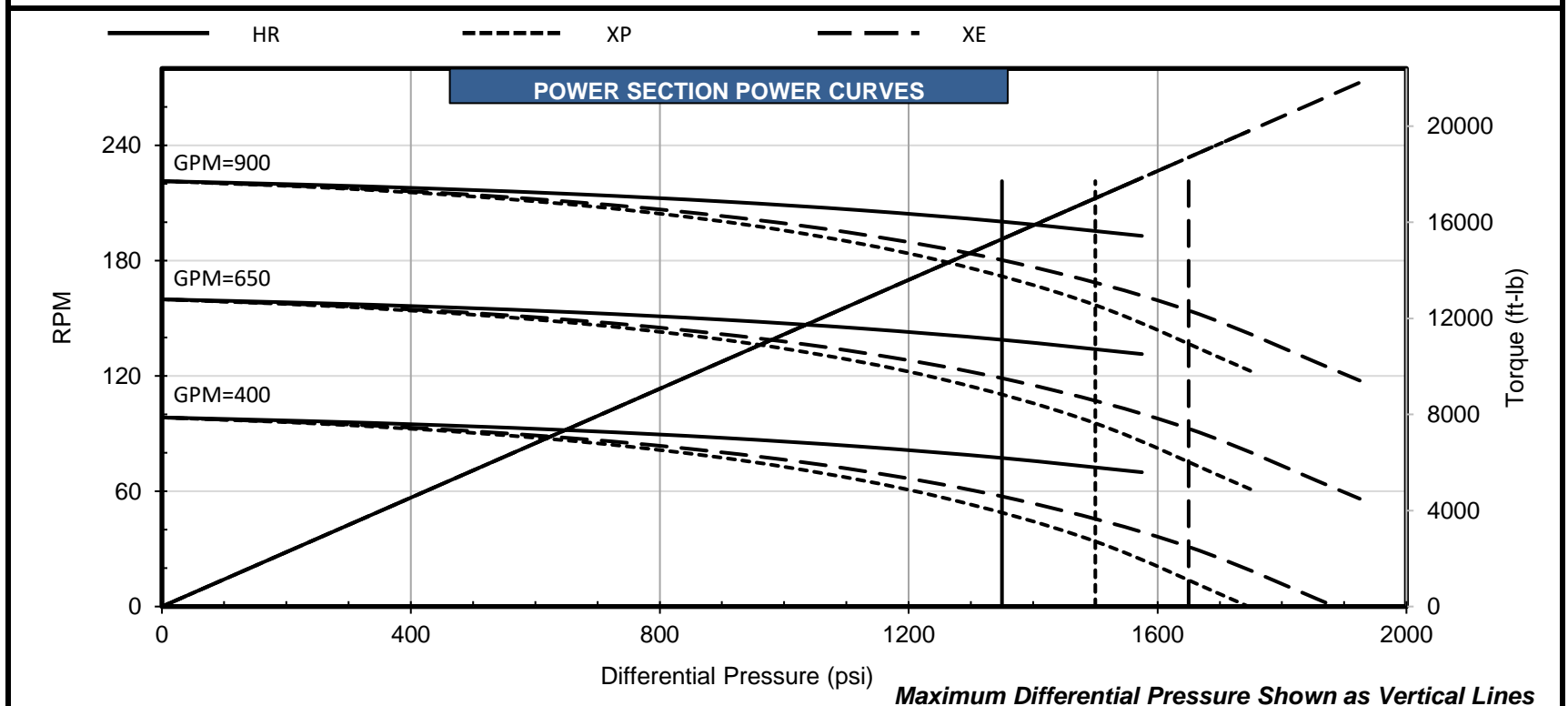
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

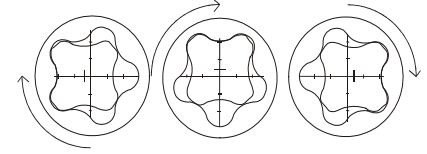
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	11.333 ft-lb/psi				
Flow Range	400 to 900 GPM				
RPG	0.246 rev/gal				
Speed Range	98 to 221 RPM				
Off Bottom Press.	188 psi				
		Max. Diff. Press. (psi)	1350	1500	1650
		Max. Torque (ft-lb)	15300	17000	18700
		Stall Diff. Press. (psi)	2030	2250	2480
		Stall Torque (ft-lb)	22950	25500	28050
		Max. Recommended (HP)	584	508	549
		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

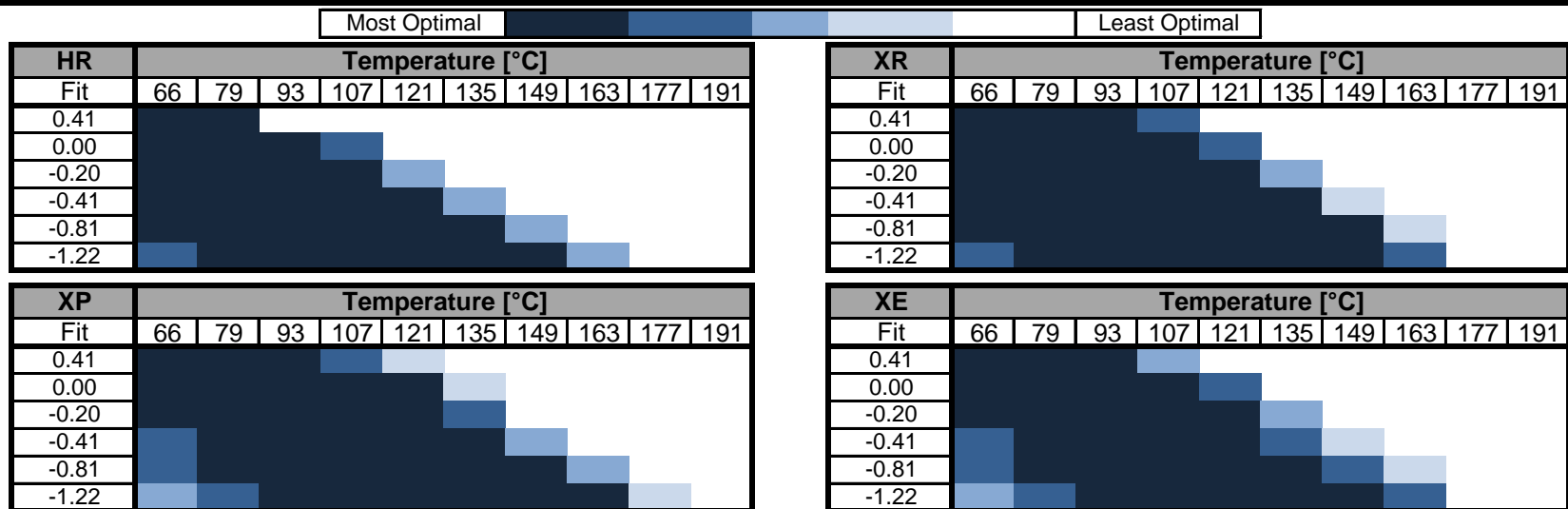
ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	6400.8	Overall Length (mm)	6604.0
Contour Length** (mm)	6210.3	Cutback #1** (mm)	203.2
Eccentricity (mm)	10.63	Cutback #2** (mm)	203.2
Major Diameter (mm)	130.63	Tube O.D. (mm)	196.9
Weight (kg)	426	Tube I.D. (mm)	158.8
Head Diameter*** (mm)	110.49	Weight (kg)	540
Material**	17-4SS		
Thread Form***	3 1/2 API REG		

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

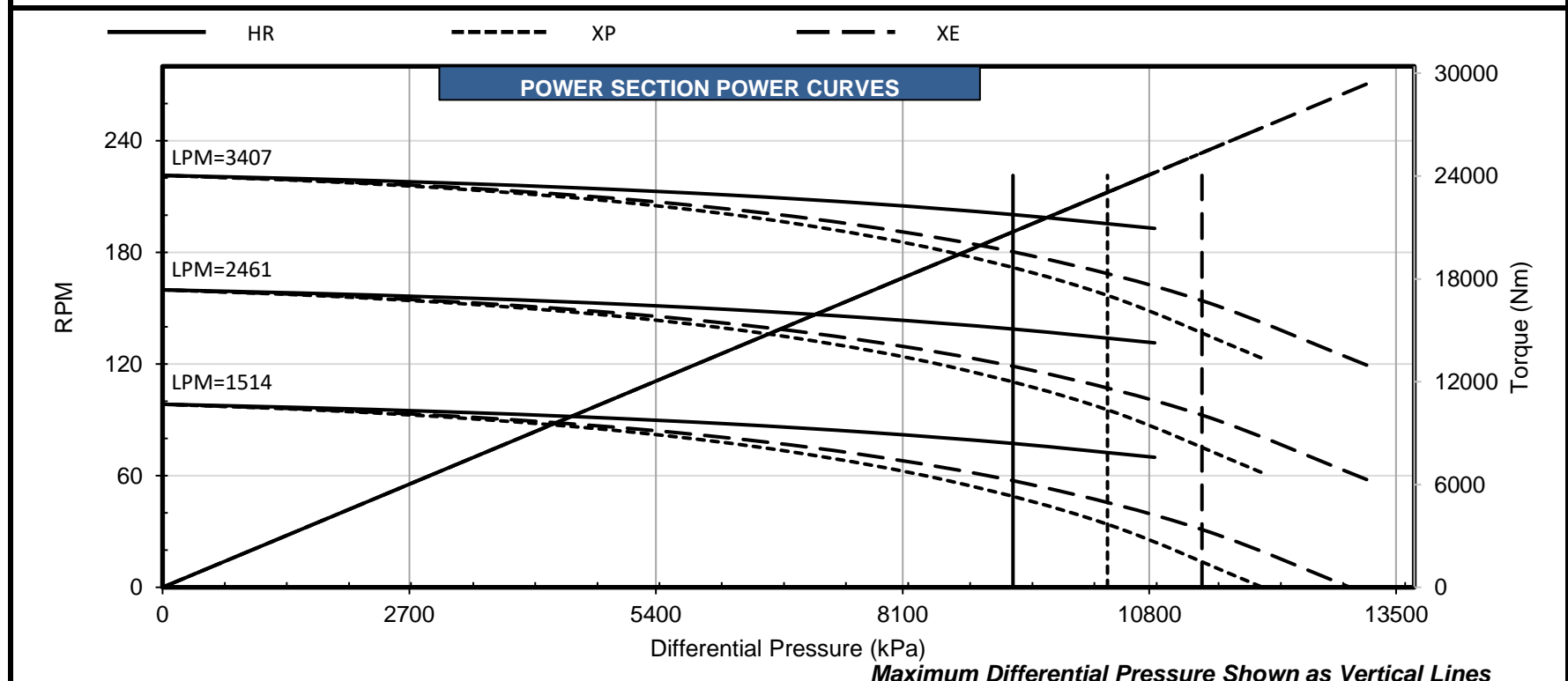
\*\*\*Customer specified

PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	2.229 Nm/kPa	9308		10342	11376
Flow Range	1514 to 3407 Litre/min	20744		23049	25354
RPG	0.065 rev/litre	13996		15513	17099
Speed Range	98 to 221 RPM	31116		34573	38031
Off Bottom Press.	1296 kPa	435		379	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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