

## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
1 Undersize				
0.5 Undersize	4.580		4.581	4.580*
Standard	4.588	4.588*	4.587	4.592
1 Oversize	4.611	4.618	4.609*	4.611*
Nominal Fit at 75°F				
1 Undersize				
0.5 Undersize	0.020		0.019	0.020*
Standard	0.012	0.012*	0.013	0.008
1 Oversize	-0.011	-0.018	-0.009*	-0.011*

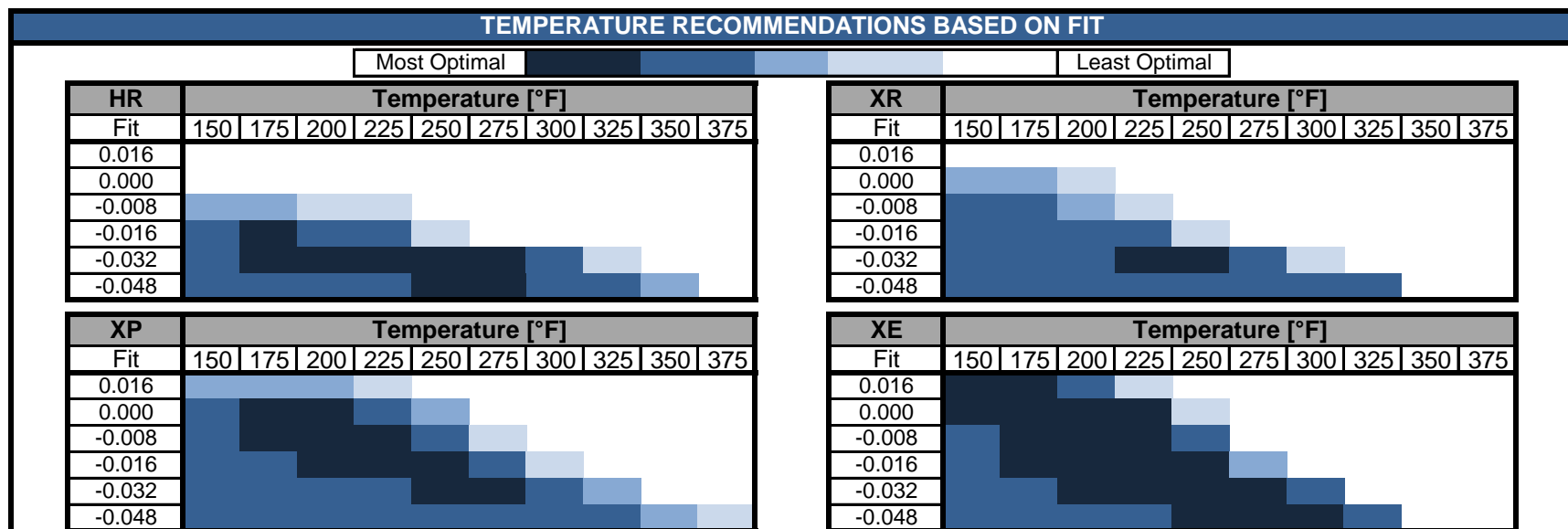
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	308.0	Overall Length (in)	300.0
Contour Length** (in)	286.5	Cutback #1** (in)	8.0
Eccentricity (in)	0.293	Cutback #2** (in)	8.0
Major Diameter (in)	5.186	Tube O.D. (in)	8.25
Weight (lb)	1389	Tube I.D. (in)	6.25
Head Diameter*** (in)	5.80	Weight (lb)	2044
Material**	17-4SS		
Thread Form***	API NC40		

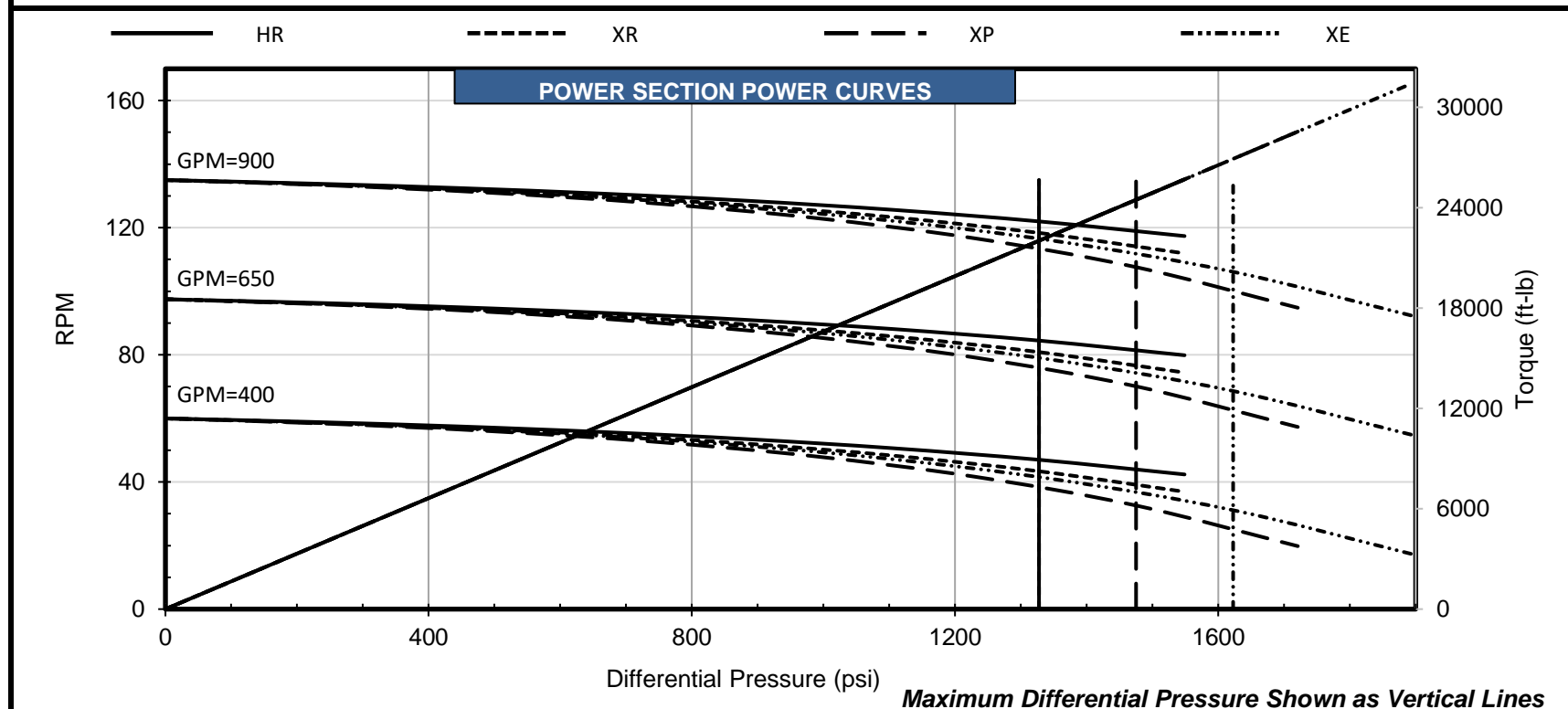
\*\*Representative options given. Verify specific requirements before placing order.

\*\*\*Customer specified

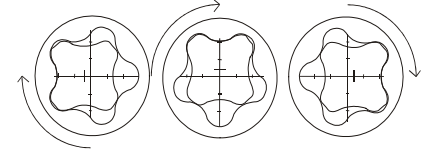
PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	16.589 ft-lb/psi					
Flow Range	400 to 900 GPM					
RPG	0.150 rev/gal					
Speed Range	60 to 135 RPM					
Off Bottom Press.	138 psi					
		Max. Diff. Press. (psi)	1330	1330	1480	1620
		Max. Torque (ft-lb)	22020	22020	24470	26920
		Stall Diff. Press. (psi)	1990	1990	2210	2430
		Stall Torque (ft-lb)	33030	33030	36700	40370
		Max. Recommended (HP)	511	496	501	544
		PSI Per Stage	225	225	250	275
		PSI Per Cavity	33	33	37	40
		Temperature Slope (in/°F)	0.000290	0.000269	0.000290	0.000300



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				
0.5 Undersize	116.33		116.36	116.33*
Standard	116.54	116.54*	116.51	116.64
1 Oversize	117.12	117.30	117.07*	117.12*
Nominal Fit at 75°F				
1 Undersize				
0.5 Undersize	0.51		0.48	0.51*
Standard	0.30	0.30*	0.33	0.20
1 Oversize	-0.28	-0.46	-0.23*	-0.28*

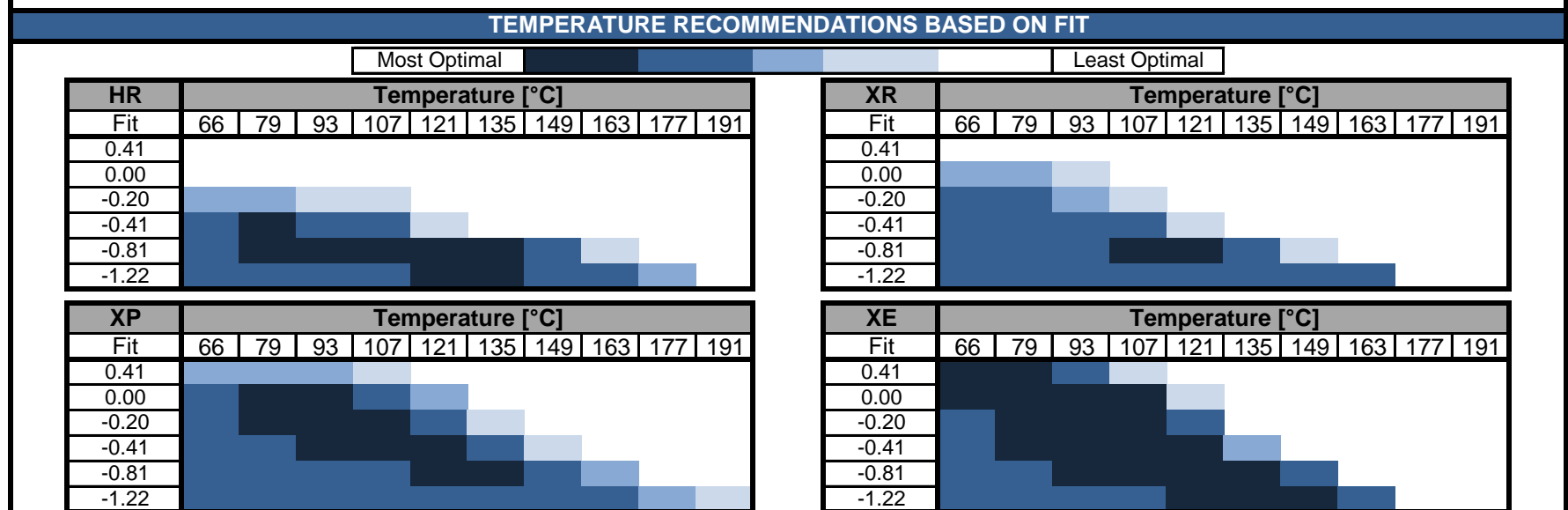
\*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7823.2	Overall Length (mm)	7620.0
Contour Length** (mm)	7277.1	Cutback #1** (mm)	203.2
Eccentricity (mm)	7.44	Cutback #2** (mm)	203.2
Major Diameter (mm)	131.72	Tube O.D. (mm)	209.6
Weight (kg)	630	Tube I.D. (mm)	158.8
Head Diameter*** (mm)	147.32	Weight (kg)	927
Material**	17-4SS		
Thread Form***	API NC40		

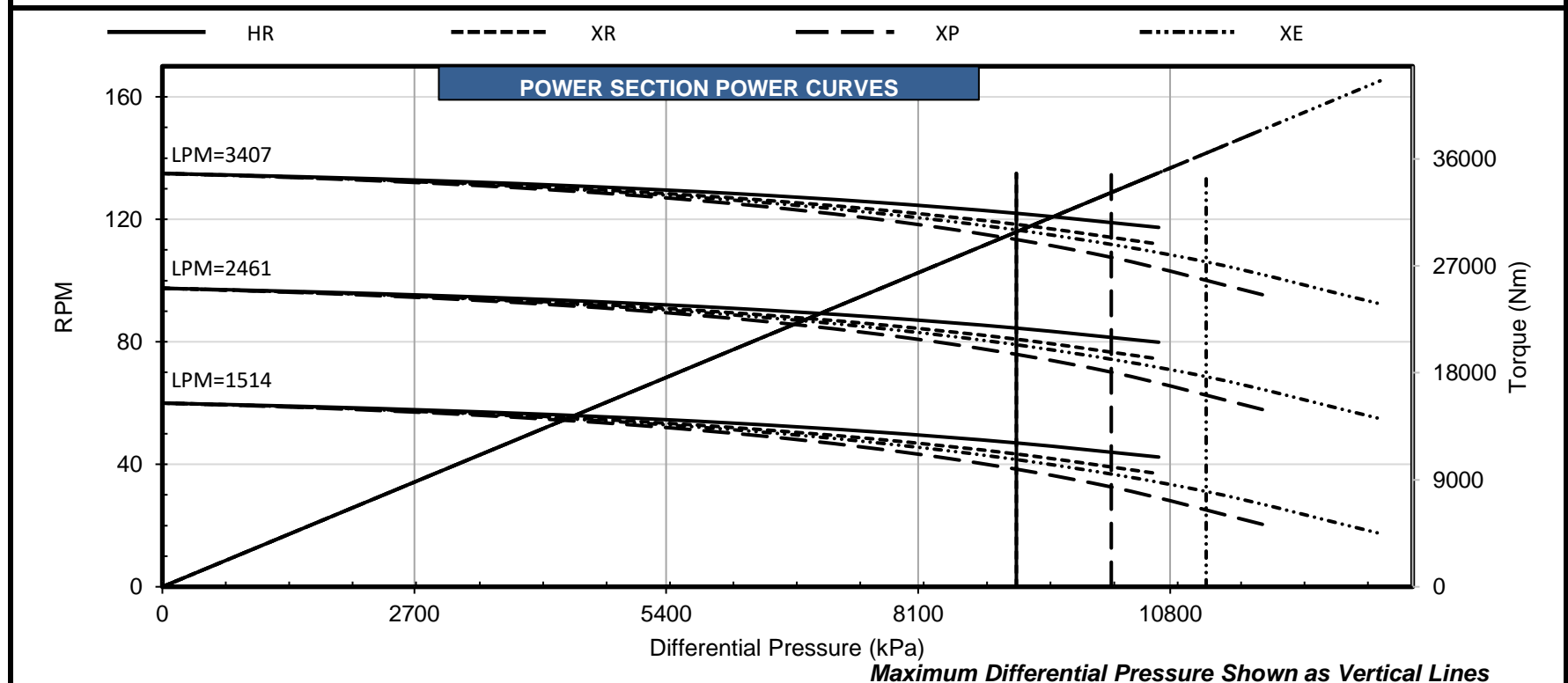
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PERFORMANCE SPECIFICATIONS						
		HR	XR	XP	XE	
Torque Slope	3.262 Nm/kPa	9170	9170	10204	11170	
Flow Range	1514 to 3407 Litre/min	29855	29855	33177	36499	
RPG	0.040 rev/litre	13721	13721	15237	16754	
Speed Range	60 to 135 RPM	44783	44783	49759	54734	
Off Bottom Press.	951 kPa	382	370	374	406	
		kPa Per Stage	1551	1551	1724	1896
		kPa Per Cavity	228	228	255	276
		Temperature Slope (mm/°C)	0.0132	0.0123	0.0132	0.0137



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