

POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)				
Stator Size	DynaPower			
	HR	XR	XP	XE
STD-1US				
1OS-STD	4.490*		4.490*	4.490*
1.5OS-0.5OS	4.499*		4.499*	4.499*
2OS-1OS				
Nominal Fit at 75°F				
STD-1US				
1OS-STD	-0.001*		-0.001*	-0.001*
1.5OS-0.5OS	-0.010*		-0.010*	-0.010*
2OS-1OS				

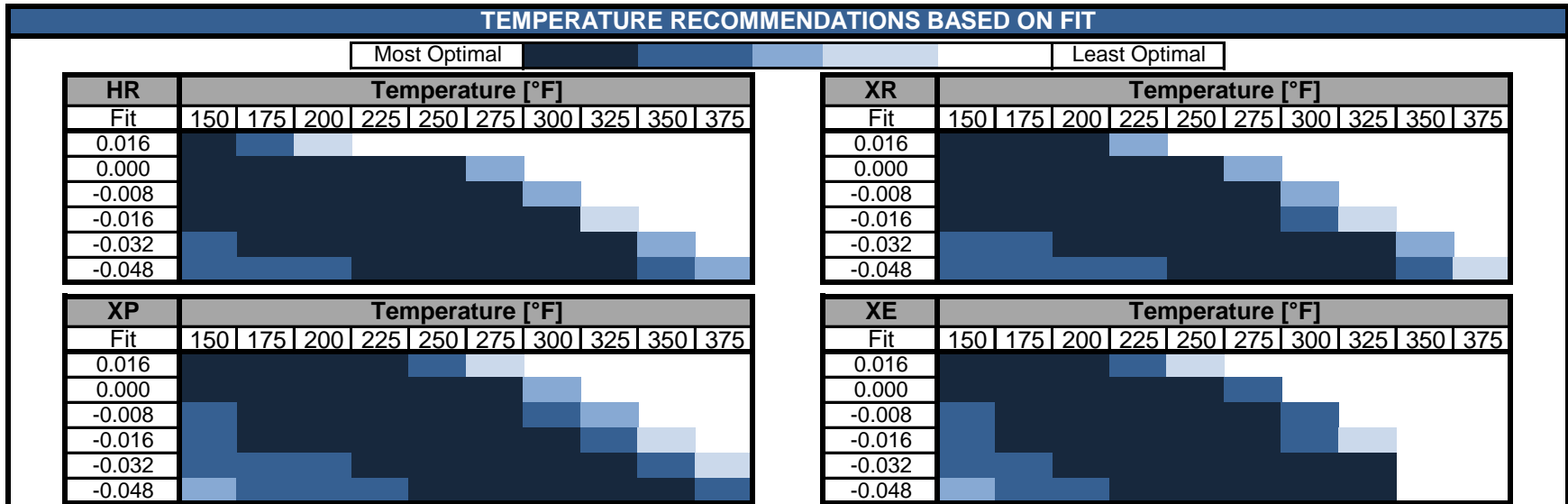
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (in)	294.0	Overall Length (in)	300.0
Contour Length** (in)	288.0	Cutback #1** (in)	7.0
Eccentricity (in)	0.268	Cutback #2** (in)	7.0
Major Diameter (in)	5.024	Tube O.D. (in)	7.00
Weight (lb)	1288	Tube I.D. (in)	5.75
Head Diameter*** (in)	5.00	Weight (lb)	979
Material**	145 KSI 17-4SS		
Thread Form***	API NC35		

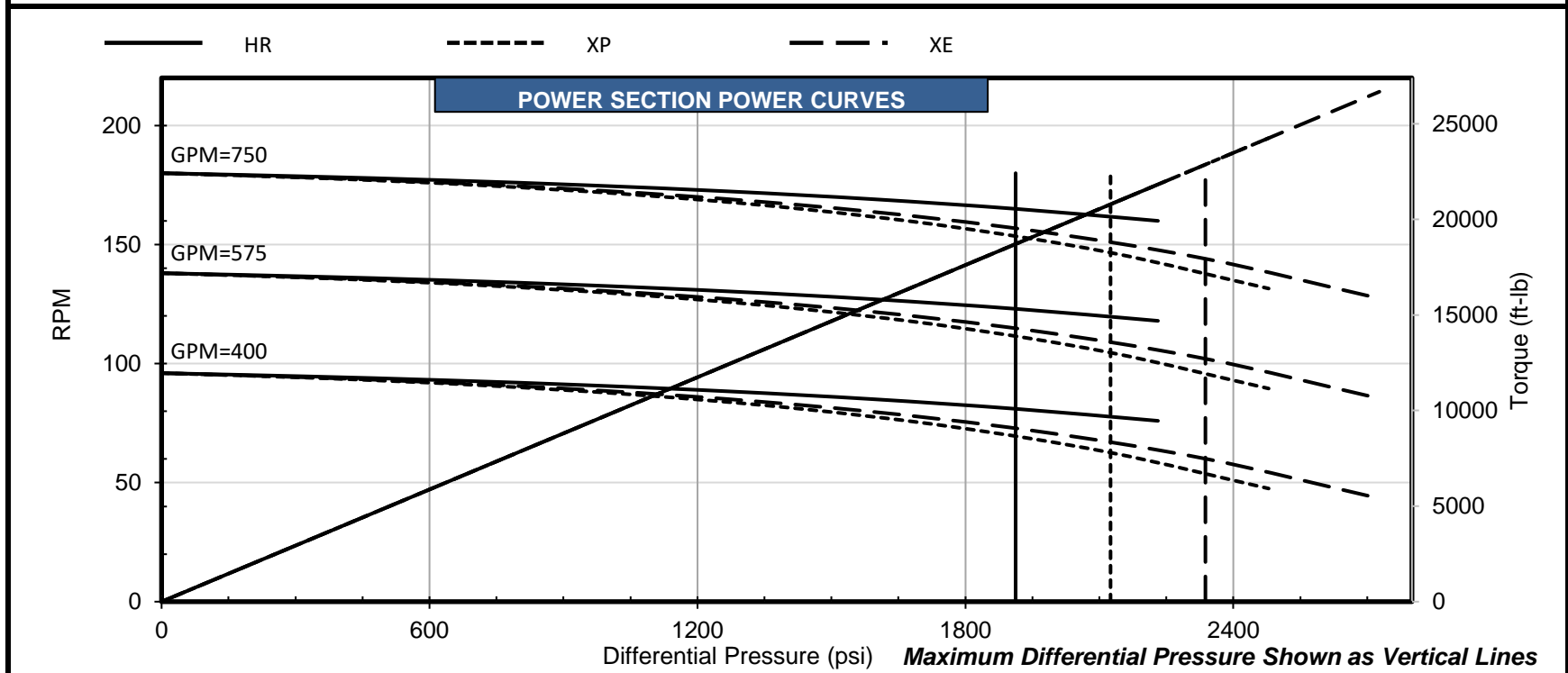
**Representative options given. Verify specific requirements before placing order.

***Customer specified

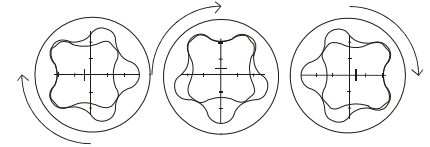
PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	9.783 ft-lb/psi				
Flow Range	400 to 750 GPM				
RPG	0.240 rev/gal				
Speed Range	96 to 180 RPM				
Off Bottom Press.	158 psi				
		Max. Diff. Press. (psi)	1910	2130	2340
		Max. Torque (ft-lb)	18710	20790	22870
		Stall Diff. Press. (psi)	2870	3190	3510
		Stall Torque (ft-lb)	28060	31180	34300
		Max. Recommended (HP)	588	580	627
		PSI Per Stage	225	250	275
		PSI Per Cavity	31	35	38
		Temperature Slope (in/°F)	0.000262	0.000262	0.000274



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	114.05*		114.05*	114.05*
1.5OS-0.5OS	114.27*		114.27*	114.27*
2OS-1OS				
Nominal Fit at 75°F				
STD-1US				
1OS-STD	-0.03*		-0.03*	-0.03*
1.5OS-0.5OS	-0.25*		-0.25*	-0.25*
2OS-1OS				

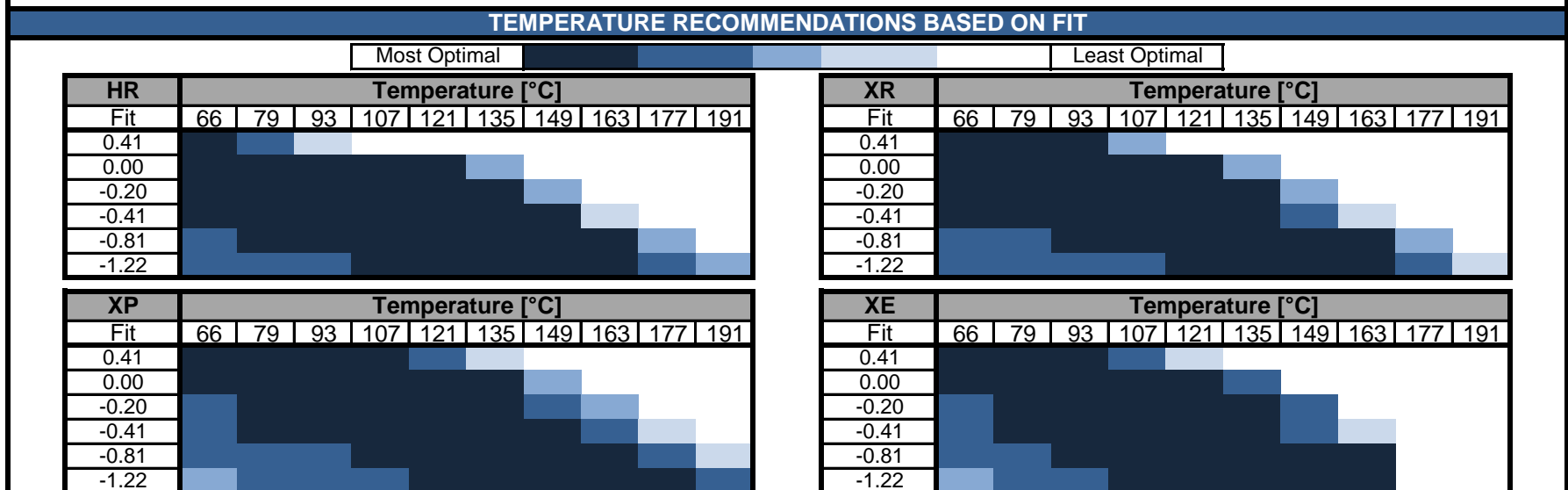
*Pending production measurements

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Overall Length** (mm)	7467.6	Overall Length (mm)	7620.0
Contour Length** (mm)	7315.2	Cutback #1** (mm)	177.8
Eccentricity (mm)	6.79	Cutback #2** (mm)	177.8
Major Diameter (mm)	127.61	Tube O.D. (mm)	177.8
Weight (kg)	584	Tube I.D. (mm)	146.1
Head Diameter*** (mm)	127.00	Weight (kg)	444
Material**	145 KSI 17-4SS		
Thread Form***	API NC35		

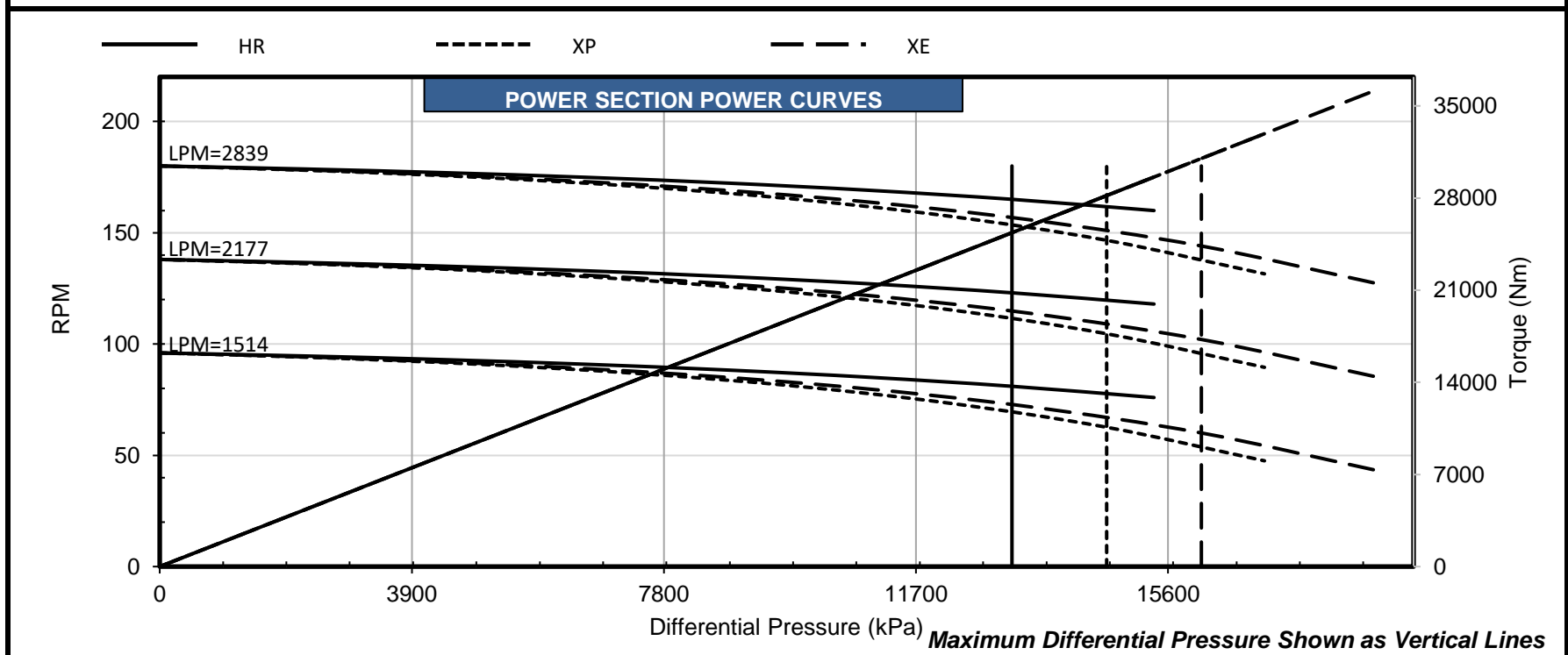
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PERFORMANCE SPECIFICATIONS					
		HR	XR	XP	XE
Torque Slope	1.924 Nm/kPa				
Flow Range	1514 to 2839 Litre/min				
RPG	0.063 rev/litre				
Speed Range	96 to 180 RPM				
Off Bottom Press.	1089 kPa				
		Max. Diff. Press. (kPa)	13169	14686	16134
		Max. Torque (Nm)	25367	28187	31008
		Stall Diff. Press. (kPa)	19788	21994	24201
		Stall Torque (Nm)	38044	42274	46505
		Max. Recommended (kW)	439	433	468
		kPa Per Stage	1551	1724	1896
		kPa Per Cavity	214	241	262
		Temperature Slope (mm/°C)	0.0120	0.0120	0.0125



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