

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE:	TYPE OF SERVICE:	
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

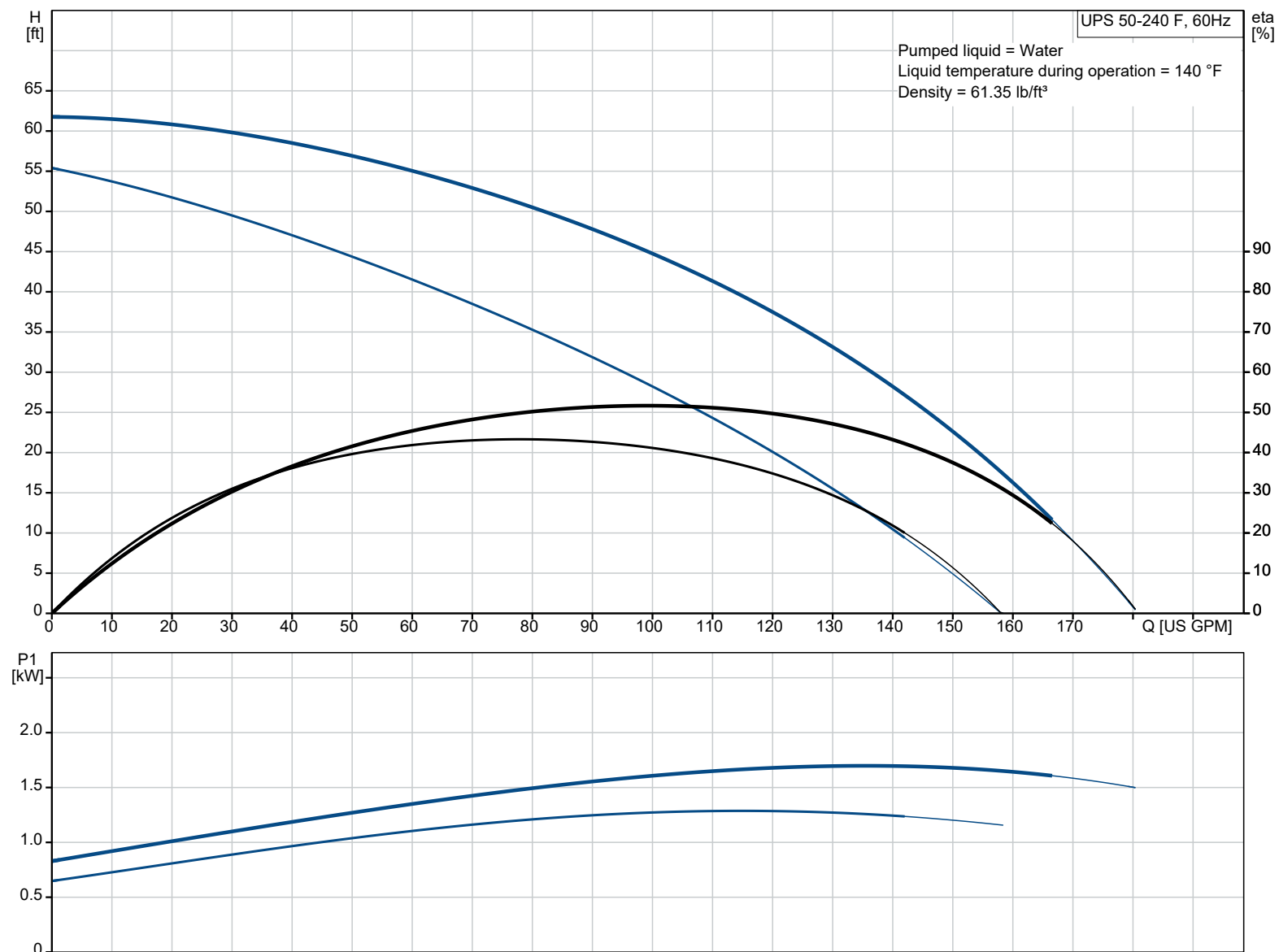


UPS 50-240 F

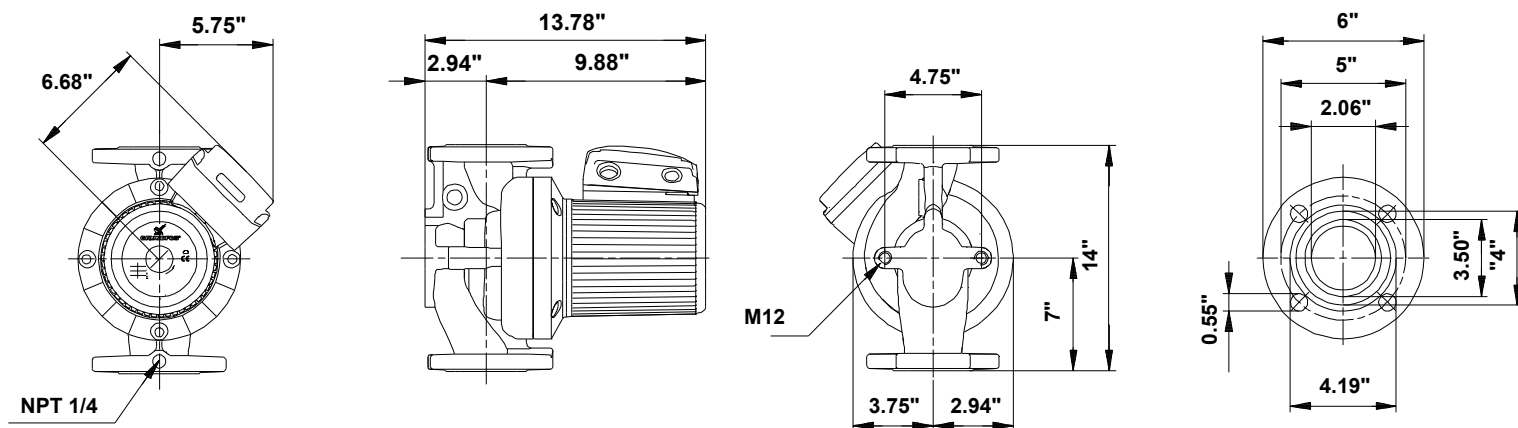
UPS is a three-speed circulator pump designed for heating and air-conditioning systems and is also used for central and district heating systems. The pump provides reliable and maintenance-free operation.

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	14 .. 248 °F	Max. power input:	1700 W
Temperature:	140 °F	Maximum ambient temperature:	104 °F	Rated voltage:	460 V
Specific Gravity:	0.985	Pipe connection:	GF 50	Mains frequency:	60 Hz
		Product number:	96402883	Enclosure class:	X4D
				Thermal protection:	EXT.

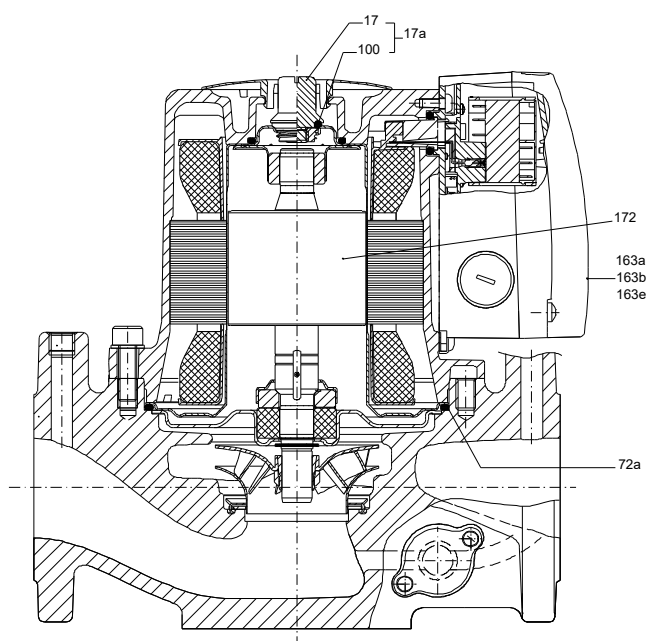


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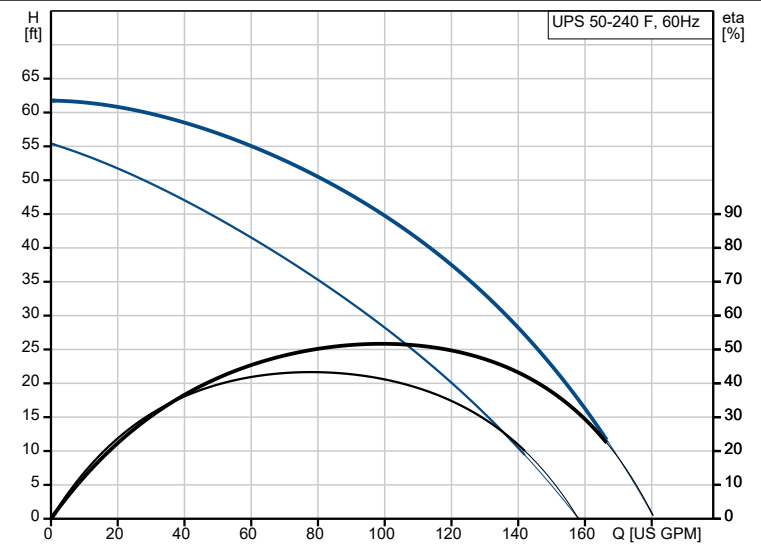


Materials:

Pump housing:	Cast iron
Pump housing:	ASTM 35 B - 40 B
Impeller:	Stainless steel
Impeller:	AISI 304
Impeller:	EN 1.4301



Description	Value
General information:	
Product name:	UPS 50-240 F
Product No:	96402883
EAN number:	5700390684945
Technical:	
Speed no:	2
Maximum head:	78.74 ft
Approvals:	CCSAUS
Model:	C
Materials:	
Pump housing:	Cast iron
Pump housing:	EN 1561 EN-GJL-250
Pump housing:	ASTM 35 B - 40 B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Installation:	
Range of ambient temperature:	32 .. 104 °F
Maximum operating pressure:	145.04 psi
Type of connection:	DIN
Pipe connection:	GF 50
Pressure rating for connection:	PN 10
Port-to-port length:	14 in
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	14 .. 248 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft³
Electrical data:	
Power input in speed 2:	1300 W
Max. power input:	1700 W
Mains frequency:	60 Hz
Rated voltage:	3 x 460 V
Current in speed 2:	1.98 A
Current in speed 3:	2.65 A
Cos phi in speed 2:	0.83
Cos phi:	0.81
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	H
Built-in motor protection:	CONTACT
Thermal protec:	EXT.
Winding resistance:	15.6 - 20.6 ohm
Controls:	
Relay:	N
Others:	
Terminal box position:	1.30H
Net weight:	60.6 lb
Gross weight:	72.8 lb
Shipping volume:	3.46 ft³
Country of origin:	RS
Custom tariff no.:	8413.70.2005



Pumped liquid = Water
Liquid temperature during operation = 140 °F
Density = 61.35 lb/ft³

