GRUNDFOS

Company name:
Created by:
Phone:

Date: 13/07/2024

Qty.	Description
1	**UPS 32-120/2 F 220**

Note! Product picture may differ from actual product

Product No.: 96401837

The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing.
The bearings are lubricatd by the pumped liquid.

In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.
The pump is characterized by:

* 3 speed motor.
* Ceramic radial bearings.
* Carbon axial bearing.
* Stainless steel rotor can, bearing plate and rotor cladding.
* Aluminium alloy stator housing.
* Cast iron pump housing.
* Stator with built-in thermal switch.

The motor is a 1-phase motor.

The pump is supplied with a standard module in the terminal box.
The standard module is to be connected to the mains supply via external contactor.

Controls:

Relay:	N

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-10 .. 120 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m³

Technical:

Rated flow:	8.04 m³/h
Rated head:	7.26 m
Approvals:	AAA,EAC

Materials:

Pump housing:	Cast iron EN 1561 EN-GJL-250 35 B - 40 B
Impeller:	Stainless steel EN 1.4301

GRUNDFOS

Company name:
Created by:
Phone:

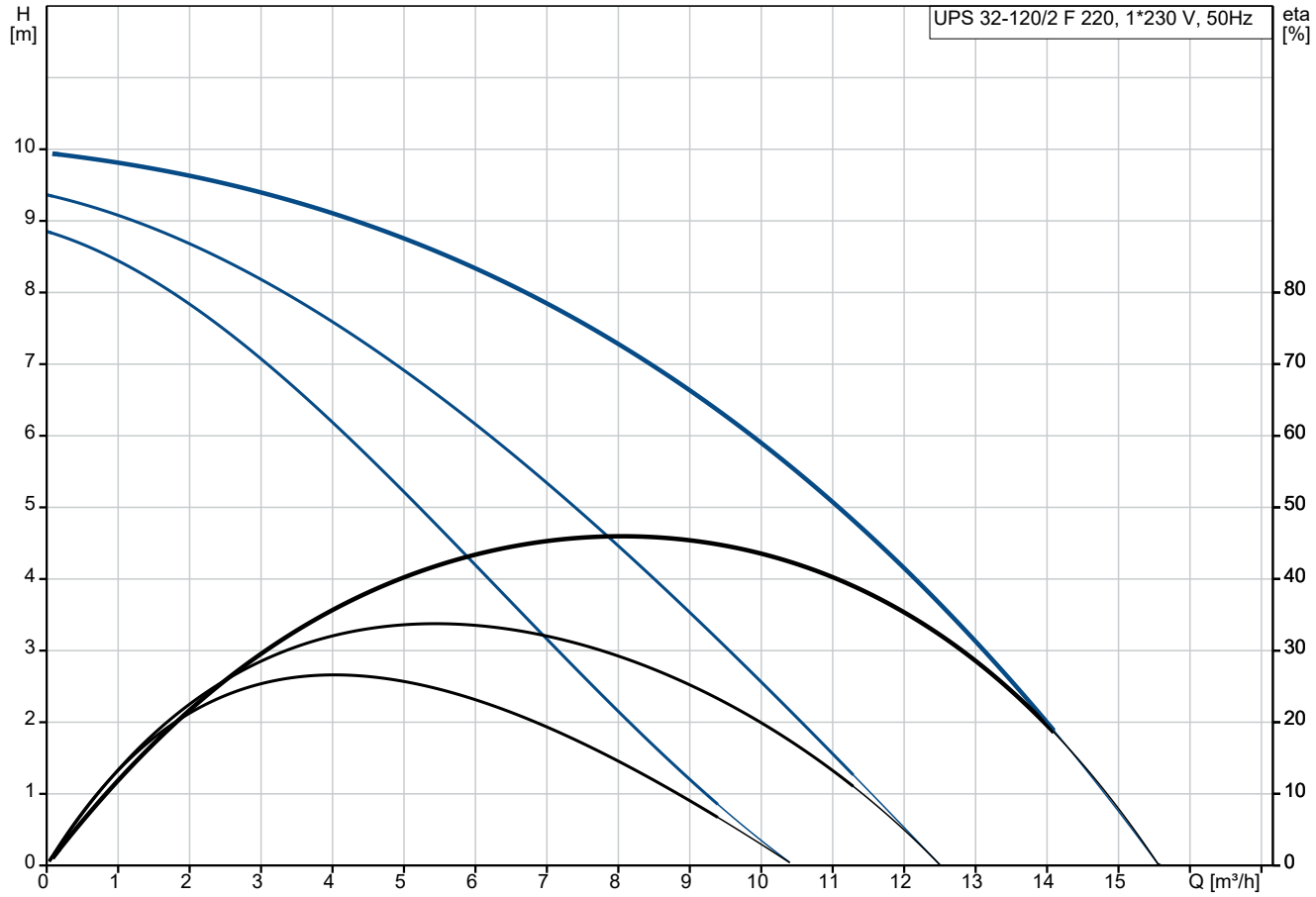
Date: 13/07/2024

Qty.	Description	
1		304
	Installation:	
	Range of ambient temperature:	0 .. 40 °C
	Maximum operating pressure:	10 bar
	Type of connection:	DIN
	Size of connection:	DN 32
	Pressure rating for connection:	PN 6/10
	Port-to-port length:	220 mm
	Electrical data:	
	Power input in speed 1:	320 W
	Power input in speed 2:	340 W
	Max. power input:	380 W
	Mains frequency:	50 Hz
	Rated voltage:	1 x 230-240 V
	Current in speed 1:	1.55 A
	Current in speed 2:	1.65 A
	Current in speed 3:	1.75 A
	Cos phi in speed 1:	0.9
	Cos phi in speed 2:	0.9
	Cos phi:	0.94
	Capacitor size - run:	10 µF/400 V
	Number of poles:	2
	Enclosure class (IEC 34-5):	X4D
	Insulation class (IEC 85):	H
	Built-in motor protection:	CONTACT
	Others:	
	Terminal box position:	1.30H
	Net weight:	15.2 kg
	Gross weight:	16.4 kg
	Shipping volume:	0.026 m³

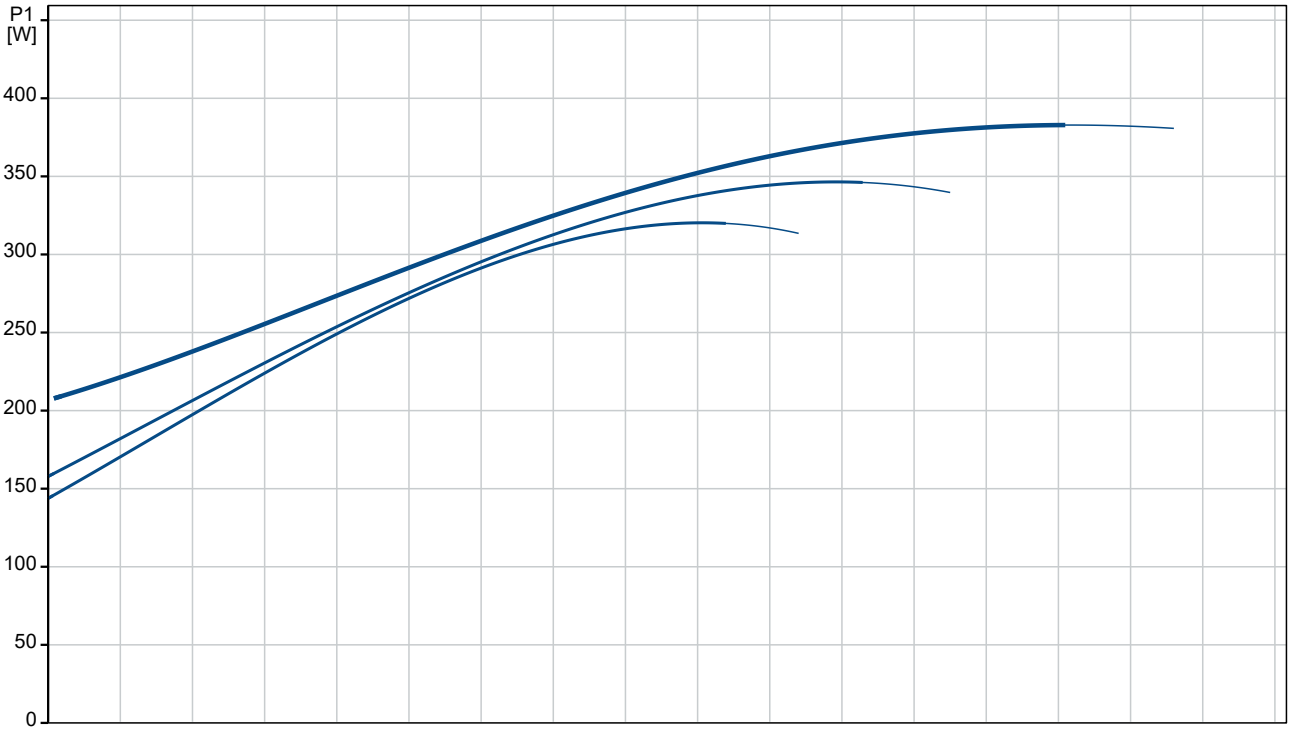
Company name:
Created by:
Phone:

Date: 13/07/2024

96401837 UPS 32-120/2 F 220 50 Hz



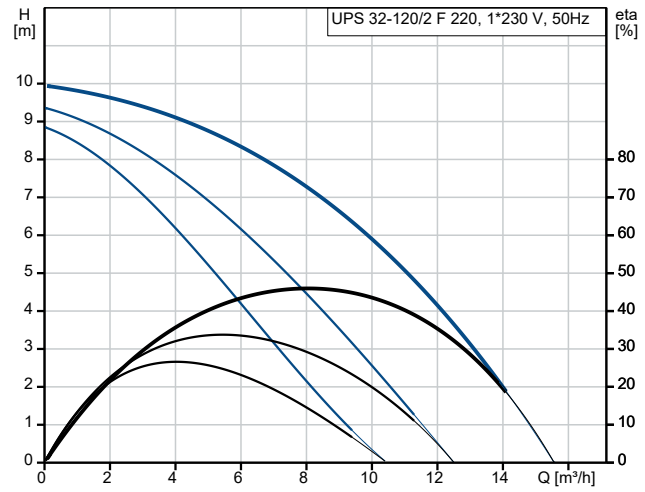
Pumped liquid = Water
Liquid temperature during operation = 60 °C
Density = 983.2 kg/m³



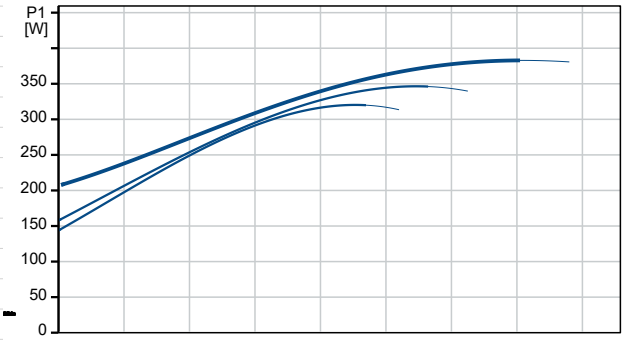
Company name:
Created by:
Phone:

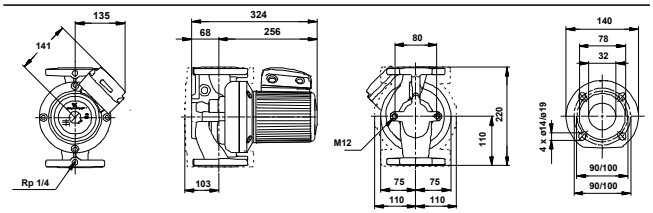
Date: 13/07/2024

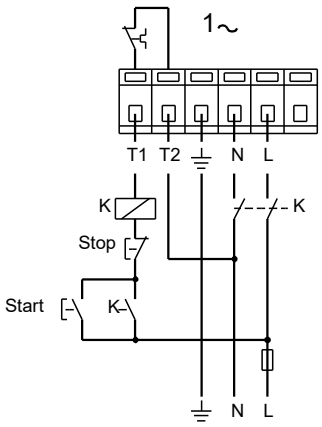
Description	Value
General information:	
Product name:	UPS 32-120/2 F 220
Product No:	96401837
EAN number:	5700390905071
Technical:	
Speed no:	3
Rated flow:	8.04 m³/h
Rated head:	7.26 m
Maximum head:	120 dm
Approvals:	AAA,EAC
Model:	C
Materials:	
Pump housing:	Cast iron
Pump housing:	EN 1561 EN-GJL-250
Pump housing:	35 B - 40 B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	304
Installation:	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	10 bar
Type of connection:	DIN
Size of connection:	DN 32
Pressure rating for connection:	PN 6/10
Port-to-port length:	220 mm
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 120 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m³
Electrical data:	
Power input in speed 1:	320 W
Power input in speed 2:	340 W
Max. power input:	380 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230-240 V
Current in speed 1:	1.55 A
Current in speed 2:	1.65 A
Current in speed 3:	1.75 A
Cos phi in speed 1:	0.9
Cos phi in speed 2:	0.9
Cos phi:	0.94
Capacitor size - run:	10 µF/400 V
Number of poles:	2
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	H
Built-in motor protection:	CONTACT
Thermal protec:	EXT.
Controls:	
Relay:	N
Others:	
Terminal box position:	1.30H
Net weight:	15.2 kg
Gross weight:	16.4 kg
Shipping volume:	0.026 m³



Pumped liquid = Water
Liquid temperature during operation = 60 °C
Density = 983.2 kg/m³



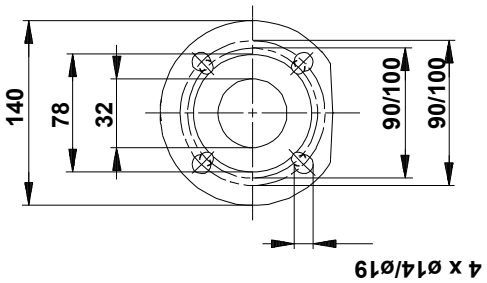


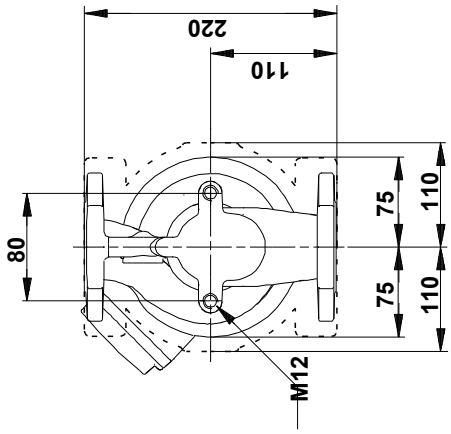


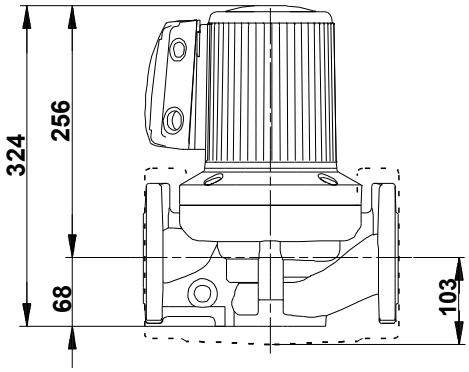
Company name:
Created by:
Phone:

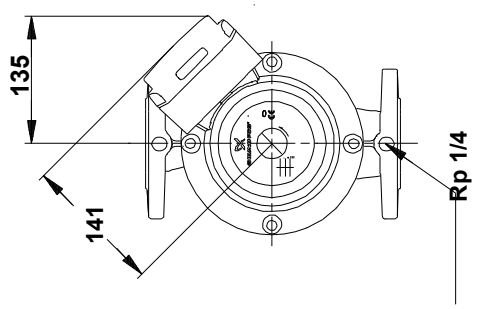
Date: 13/07/2024

96401837 UPS 32-120/2 F 220 50 Hz









Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.