



Date: 12/05/2024

Qty. | Description

1 UPS 25-40 180

Product No.: On request

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 lubricated by the pumped liquid.

The pump has 3-step speed selector.

The pump is characterized by:

- * Ceramic shaft and radial bearings.
- Carbon axial bearing.
- * Stainless steel rotor can and bearing plate.
- * Corrosion-resistant impeller, Composite.
- Cast iron pump housing.

The motor is a 1-phase motor.

No additional motor protection is required.

Liquid:

Pumped liquid: Water
Liquid temperature range: 2 .. 110 °C
Selected liquid temperature: 60 °C
Density: 983.2 kg/m³

Technical:

Rated flow: 1.67 m³/h
Rated head: 2.07 m
TF class: 110
Approvals: VDE,EAC

Materials:

Pump housing: Cast iron

EN 1561 EN-GJL-150

ASTM 30 B Composite

Impeller: Composite PP-GF30

Installation:

Range of ambient temperature: 0 .. 40 °C

Maximum operating pressure: 10 bar

Type of connection: G

Size of connection: 1 1/2 inch
Pressure rating for connection: PN 10
Port-to-port length: 180 mm

Electrical data:

25 W Power input in speed 1: Power input in speed 2: 35 W Max. power input: 45 W Mains frequency: 50 Hz 1 x 230 V Rated voltage: Current in speed 1: 0.12 A Current in speed 2: 0.16 A Current in speed 3: 0.2 A Capacitor size - run: 1.5 µF Enclosure class (IEC 34-5): IP44 Insulation class (IEC 85): Built-in motor protection: **NONE**





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Qty. | Description

1 Others:

Terminal box position: 9H

Net weight: 2.37 kg

Gross weight: 2.5 kg

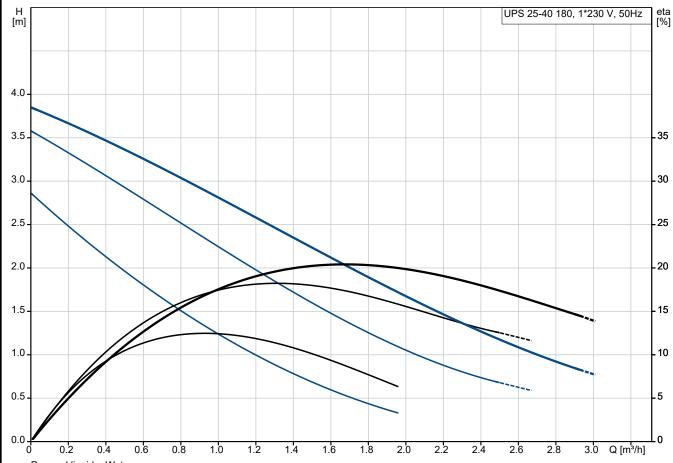
Shipping volume: 0.004 m³



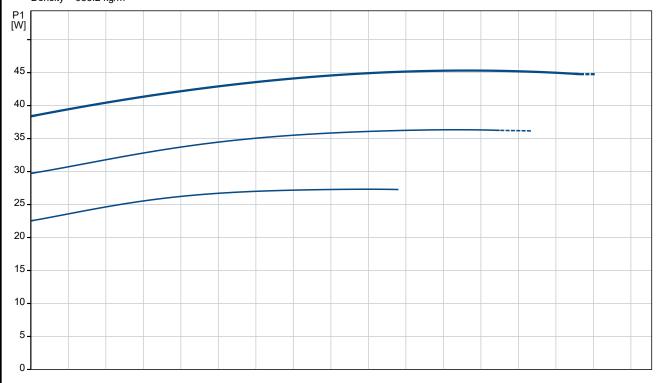


Date: 12/05/2024

On request UPS 25-40 180 50 Hz



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







Date: 12/05/2024

Description	Value				
General information:					
Product name:	UPS 25-40 180				
Product No:	On request On request				
EAN number:					
Technical:					
Speed no:	3				
Rated flow:	1.67 m³/h				
Rated head:	2.07 m				
Maximum head:	40 dm				
TF class:	110				
Approvals:	VDE,EAC				
Materials:					
Pump housing:	Cast iron				
Pump housing:	EN 1561 EN-GJL-150				
Pump housing:	ASTM 30 B				
Impeller:	Composite				
Impeller:	PP-GF30				
Installation:					
Range of ambient temperature:	0 40 °C				
Maximum operating pressure:	10 bar				
Type of connection:	G				
Size of connection:	1 1/2 inch				
Pressure rating for connection:	PN 10				
Port-to-port length:	180 mm				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	2 110 °C				
Selected liquid temperature:	60 °C				
Density:	983.2 kg/m³				
Electrical data:					
Power input in speed 1:	25 W				
Power input in speed 2:	35 W				
Max. power input:	45 W				
Mains frequency:	50 Hz				
Rated voltage:	1 x 230 V				
Current in speed 1:	0.12 A				
Current in speed 2:	0.16 A				
Current in speed 3:	0.2 A				
Capacitor size - run:	1.5 µF				
Enclosure class (IEC 34-5):	IP44				
Insulation class (IEC 85):	F				
Built-in motor protection:	NONE				
Thermal protec:	IMP.				
Others:	***** *				
Terminal box position:	9H				
Net weight:	2.37 kg				
Gross weight:	2.5 kg				

Date.			2,00,2	-02-				
H [m]				U	PS 25-40	180, 1*23	30 V, 50Hz	eta [%]
4.0								
3.5								35
3.0								30
2.5								25
2.0				\leftarrow				20
1.5							\ .	15
1.0								10
0.5								-5
0.0 0.2	0.6	1.0	1.4	1.8	2.2	2.6	Q [m³/h]	⊥₀
Pumped li	quid = Wa	ter				_,0	~ [//]	

Liquid temperature during operation = 60 °C

Density = 983.2 kg/m³

P1

[W]

45

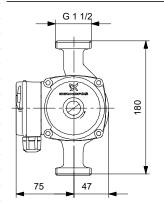
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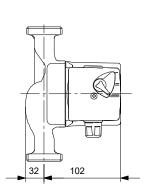
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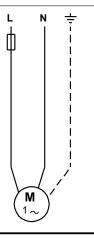
25

10



5 **-**0 **-**



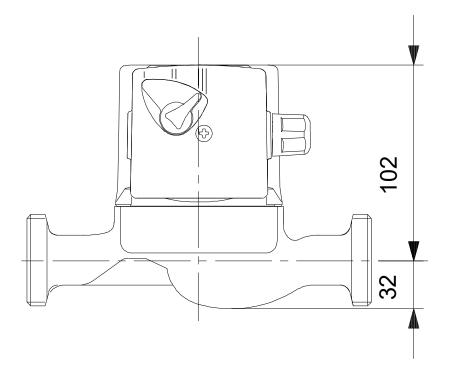


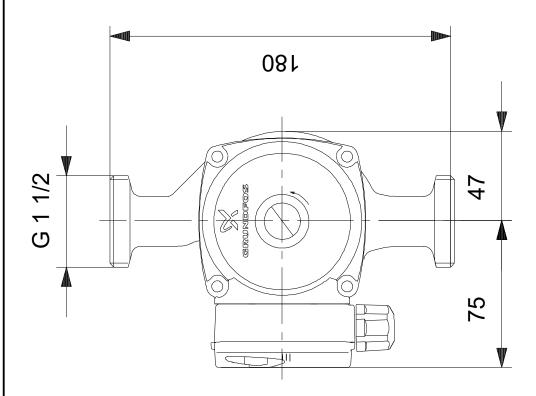




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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.