



#### Qty. Description

**UPS 40-120 F** 



Note! Product picture may differ from actual product

Product No.: 96401942

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:

Speed no: \* 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. Pump housing:

\* Stator with built-in thermal switch.

Phase: 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: without relay

Liquid:

Pumped liquid: Water Liquid temperature range: -10 .. 120 °C Selected liquid temperature: 60 °C Density: 983.2 kg/m<sup>3</sup>

Technical:

Approvals on nameplate: AAA.EAC

Materials:

Impeller:

Cast iron Pump housing:

EN-JL1040

ASTM 35 B - 40 B Stainless steel

DIN W.-Nr. 1.4301



Qty.	Description

**AISI 304** 

Installation:

Range of ambient temperature: 0 .. 40 °C

Maximum operating pressure: 10 bar

Flange standard: DIN

Pipe connection: DN 40

Pressure rating: PN 6 / PN 10

Port-to-port length: 250 mm

Electrical data:

Power input in speed 1: 440 W
Power input in speed 2: 460 W
Max. power input: 470 W
Mains frequency: 50 Hz

Rated voltage: 1 x 230-240 V

 Current in speed 1:
 2.2 A

 Current in speed 2:
 2.3 A

 Current in speed 3:
 2.2 A

 Cos phi in speed 1:
 0.87

 Cos phi:
 0.93

Capacitor size - run: 12 µF/400 V

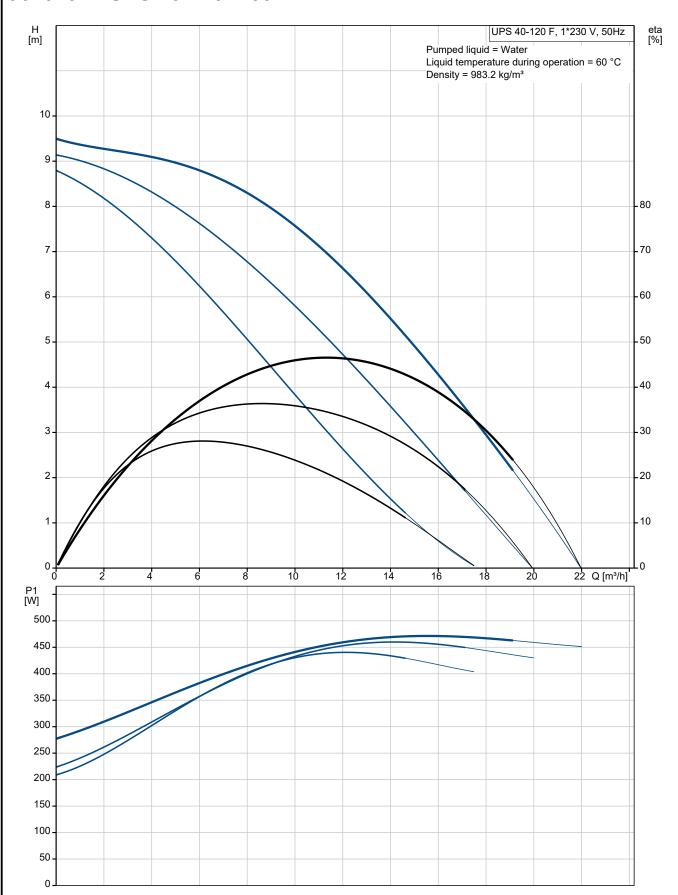
Insulation class (IEC 85): H Enclosure class (IEC 60529): X4D

Others:

Net weight: 19.1 kg Gross weight: 19.6 kg Shipping volume: 0.026 m³



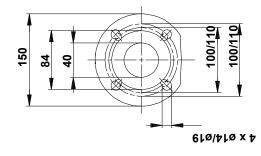


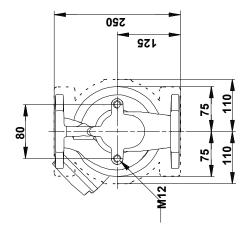


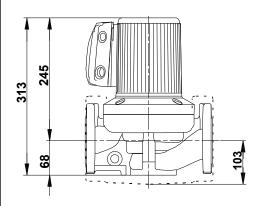


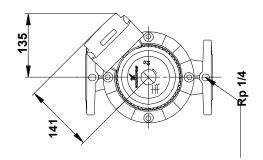
Description	Value	H [m]	UPS 40-120 F, 1*230 V, 50Hz
General information:	THING	F-4	Pumped liquid = Water
Product name:	UPS 40-120 F		Liquid temperature during operation = 60 °C Density = 983.2 kg/m³
Product No:	96401942	10	
EAN number:	5700390655297	9-	
Price:		_ \	
Technical:		8-	-80
Speed no:	3	7	70
Head max:	120 dm		10
Approvals on nameplate:	AAA,EAC	6 -	-60
Materials:	AAA,LAC		
Pump housing:	Cast iron	5 -	50
Pump housing:	EN-JL1040	4	40
Pump housing:	ASTM 35 B - 40 B		
Impeller:		3-	30
•	Stainless steel		20
Impeller:	DIN WNr. 1.4301		
Impeller:	AISI 304	1	10
Installation:	0 40.00	//	
Range of ambient temperature:	0 40 °C	0	5 10 15 20 Q [m³/h]
Maximum operating pressure:	10 bar	P1 [W]	
Flange standard:	DIN	[vv]	
Pipe connection:	DN 40		
Pressure rating:	PN 6 / PN 10	400 -	
Port-to-port length:	250 mm	300	
Liquid:		300	
Pumped liquid:	Water	200	
Liquid temperature range:	-10 120 °C		
Selected liquid temperature:	60 °C	100	
Density:	983.2 kg/m³		
Electrical data:		0	
Power input in speed 1:	440 W	135	313 150
Power input in speed 2:	460 W	141	80
Max. power input:	470 W		
Mains frequency:	50 Hz		
Rated voltage:	1 x 230-240 V		M12 82 82 82 82 82 82 82 82 82 82 82 82 82
Current in speed 1:	2.2 A		100/11
Current in speed 2:	2.3 A	Rp 1/4	103
Current in speed 3:	2.2 A		
Cos phi in speed 1:	0.87		
Cos phi in speed 2:	0.87		
Cos phi:	0.93		
Capacitor size - run:	12 μF/400 V		
Insulation class (IEC 85):	Н		
Enclosure class (IEC 60529):	X4D		
Motor protec:	CONTACT		
Thermal protec:	external		
Controls:	Ontomal		1 <sub>~</sub>
Relay:	without relay		<u> </u>
Pos term box:	1.30H		
Others:	1.0011	<sub>_</sub>	7 9 9 9 9 9
	10.1 ka		T T T T
Net weight:	19.1 kg	Т	「1 T2 ⇌ N L
Gross weight:	19.6 kg	ĸ	<u> </u>
Shipping volume:	0.026 m³	Stop [-\ K-\	
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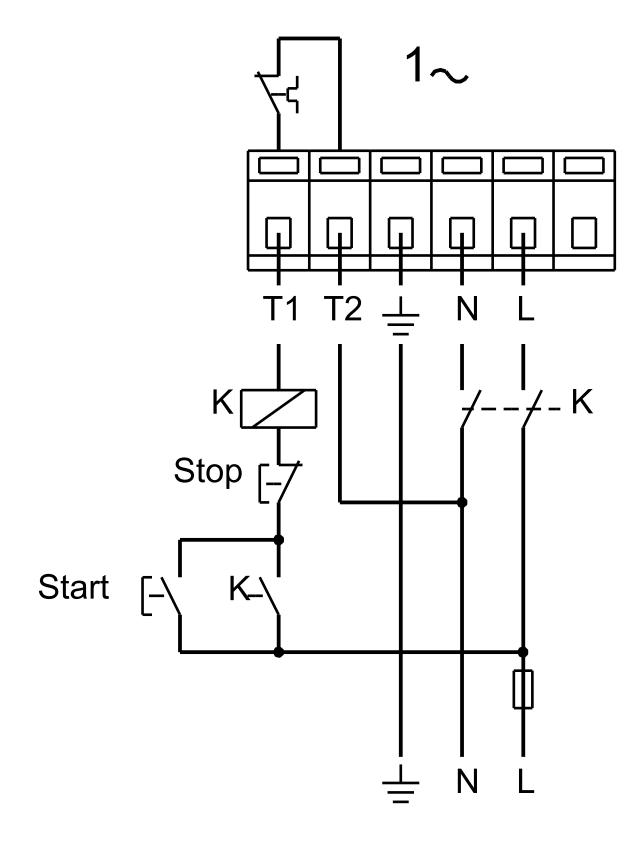






Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.  $\ensuremath{^{\circ}}$ 





Note! All units are in [mm] unless others are stated.





### Qty. | Description

UPS 40-120 F



Note! Product picture may differ from actual product

Product No.: 96401944

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.

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:

Speed no: \* 3 speed motor.

- \* Ceramic radial bearings.
- Carbon axial bearing.
- \* Stainless steel rotor can, bearing plate

and rotor cladding.

\* Aluminium alloy stator housing.

Pump housing: \* Cast iron pump housing.

\* Stator with built-in thermal switch.

Phase: The motor is a 3-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: without relay

Liquid:

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

Technical:

Approvals on nameplate: AAA,EAC

Materials:

Pump housing: Cast iron

EN-JL1040

ASTM 35 B - 40 B

Impeller: Stainless steel

DIN W.-Nr. 1.4301



Qty.   Description	n
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**AISI 304** 

X4D

Installation:

Range of ambient temperature: 0 .. 40 °C

Maximum operating pressure: 10 bar

Flange standard: DIN

Pipe connection: DN 40

Pressure rating: PN 6 / PN 10

Port-to-port length: 250 mm

Electrical data:

Power input in speed 1: 290 W
Power input in speed 2: 330 W
Max. power input: 460 W
Mains frequency: 50 Hz

Rated voltage: 3 x 400-415 V Current in speed 1: 0.49 A Current in speed 2: 0.56 A Current in speed 3: 0.92 A Cos phi in speed 1: 0.85 Cos phi in speed 2: 0.85 Cos phi: 0.72 Insulation class (IEC 85): F

Others:

 Net weight:
 19.1 kg

 Gross weight:
 19.5 kg

 Shipping volume:
 0.029 m³

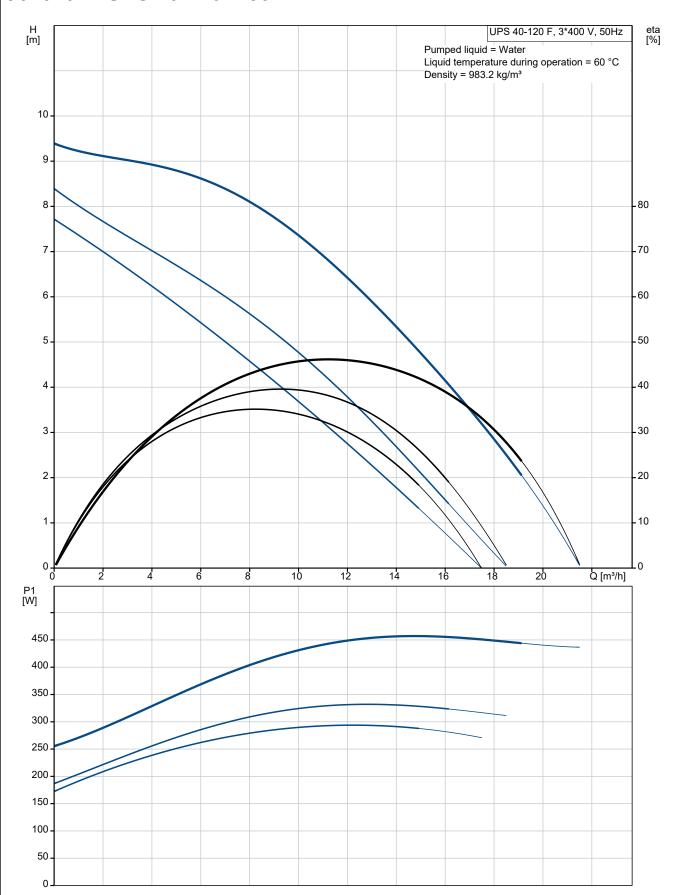
 Danish VVS No.:
 380715041

 Norwegian NRF no.:
 9042414

Enclosure class (IEC 60529):



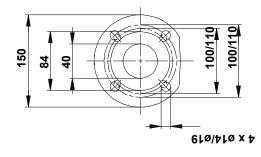


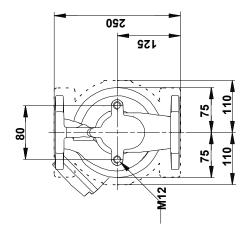


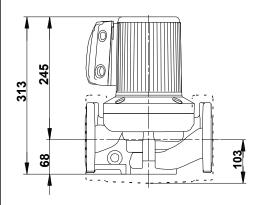


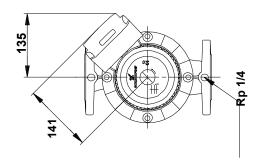
Description	Value	H [m]	UPS 40-120 F, 3*400 V, 50Hz	eta [%]
General information:	valuo		Pumped liquid = Water	
Product name:	UPS 40-120 F	10	Liquid temperature during operation = 60 °C Density = 983.2 kg/m³	
Product No:	96401944			
EAN number:	5708601058875	9		
Price:				
Technical:		8		- 80
Speed no:	3	7		<b>-</b> 70
Head max:	120 dm			
Approvals on nameplate:	AAA,EAC	6 -		- 60
Materials:		5		<b>-</b> 50
Pump housing:	Cast iron			-00
Pump housing:	EN-JL1040	4		<b>-</b> 40
Pump housing:	ASTM 35 B - 40 B	3		- 30
Impeller:	Stainless steel	3		- 30
Impeller:	DIN WNr. 1.4301	2		<b>-</b> 20
Impeller:	AISI 304			
Installation:		1 <del>/</del>		<b>-</b> 10
Range of ambient temperature:	0 40 °C			- 0
Maximum operating pressure:	10 bar	0' 2'	4 6 8 10 12 14 16 18 Q [m³/h]	
Flange standard:	DIN	P1 [W]		
Pipe connection:	DN 40			
Pressure rating:	PN 6 / PN 10	400		
Port-to-port length:	250 mm			
Liquid:		300		
Pumped liquid:	Water	200		
Liquid temperature range:	-10 120 °C	200		
Selected liquid temperature:	60 °C	100		
Density:	983.2 kg/m³			
Electrical data:	3	0		
Power input in speed 1:	290 W	135	313	150
Power input in speed 2:	330 W	141	68 245 80	84
Max. power input:	460 W			
Mains frequency:	50 Hz			
Rated voltage:	3 x 400-415 V		M12 M12	
Current in speed 1:	0.49 A			100/110
Current in speed 2:	0.56 A	Rp 1/4	103 75 75 110 110	100/110
Current in speed 3:	0.92 A			
Cos phi in speed 1:	0.85			
Cos phi in speed 2:	0.85			
Cos phi:	0.72			
Insulation class (IEC 85):	F			
Enclosure class (IEC 60529):	X4D			
Motor protec:	CONTACT			
Thermal protec:	external			
Controls:				
Relay:	without relay	τ	ٺ	
Pos term box:	1.30H		T	
Others:				
Net weight:	19.1 kg		<u> </u>	
Gross weight:	19.5 kg		<del>  '   '   '   '   '   '   '</del> 「1 T2	
Shipping volume:	0.029 m³	'		
Danish VVS No.:	380715041	ĸ□	בן   '/-'/-י\- к	
Norwegian NRF no.:	9042414	Stop [-	<del>-</del>	
		Crop [-	<b>7</b>	
		Start [-\ K-\	<u> </u>	
		<u> </u>	<b>└</b> ┐	
			N ≟ L3 L2 L1	











Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.  $\ensuremath{^{\circ}}$ 



