

Company name: Created by: Phone:

Qty. | Description

1 UPS 40-160 F



Note! Product picture may differ from actual product

Product No.: 96402783 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 nump 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:	Ν
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water 14 248 °F 140 °F 61.35 lb/ft³
Technical: Approvals:	CCSAUS
Materials: Pump housing: Impeller:	Cast iron EN 1561 EN-GJL-250 ASTM 35 B - 40 B Stainless steel EN 1.4301 AISI 304
Installation: Range of ambient temperature: Maximum operating pressure: Type of connection: Pipe connection: Pressure rating for connection: Port-to-port length:	32 104 °F 145.04 psi DIN GF 40/43 PN 10 11 1/2 in

Date:

19/03/2024



Qty. | Description

Country of origin:

Custom tariff no.:

1

Electrical data:	
Power input in speed 1:	0.9253 HP
Power input in speed 2:	760 W
Max. power input:	890 W
Mains frequency:	60 Hz
Rated voltage:	1 x 230 V
Current in speed 1:	3.45 A
Current in speed 2:	3.75 A
Current in speed 3:	4.2 A
Cos phi in speed 1:	0.86
Cos phi in speed 2:	0.89
Cos phi:	0.92
Capacitor size - run:	20 µF/400 V
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	Н
Built-in motor protection:	CONTACT
Others:	
Terminal box position:	1.30H
Net weight:	43.2 lb
Gross weight:	55.3 lb
Shipping volume:	3.46 ft ³

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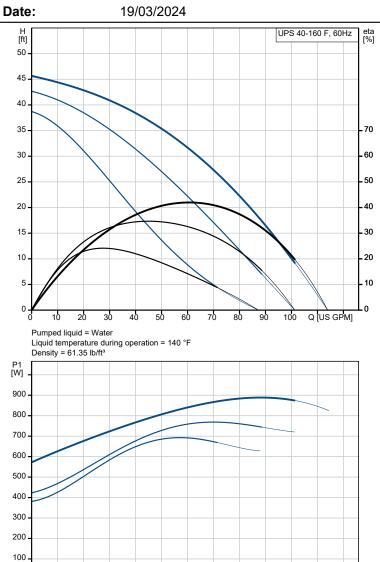
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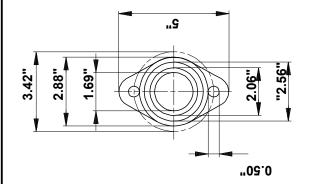
Description	Value	
General information:		
Product name:	UPS 40-160 F	
Product No:	96402783	
EAN number:	5700390681258	
Technical:		
Speed no:	3	
Maximum head:	52.5 ft	
Approvals:	CCSAUS	
Model:	С	
Materials:		
Pump housing:	Cast iron	
Pump housing:	EN 1561 EN-GJL-250	
Pump housing:	ASTM 35 B - 40 B	
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 40/43	
Pressure rating for connection:	PN 10	
Port-to-port length:	11 1/2 in	
Connect code:	F	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	14 248 °F	
Selected liquid temperature:	140 °F	
Density:	61.35 lb/ft ³	
Electrical data:		
Power input in speed 1:	0.9253 HP	
Power input in speed 2:	760 W	
Max. power input:	890 W	
Mains frequency:	60 Hz	
Rated voltage:	1 x 230 V	
Current in speed 1:	3.45 A	
Current in speed 2:	3.75 A	
Current in speed 3:	4.2 A	
Cos phi in speed 1:	0.86	
Cos phi in speed 2:	0.89	
Cos phi:	0.92	
Capacitor size - run:	20 µF/400 V	
Enclosure class (IEC 34-5):	X4D	
Inculation class (IEC 95):	Н	
Insulation class (IEC 85):		
Built-in motor protection:	CONTACT	
Built-in motor protection: Thermal protec:	INT.	
Built-in motor protection: Thermal protec: R a:	INT. 5.6 - 7.35 ohm	
Built-in motor protection: Thermal protec: R a: R s1:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm	
Built-in motor protection: Thermal protec: R a: R s1: R s2:	INT. 5.6 - 7.35 ohm	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay: Others:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm N	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay: Others: Terminal box position:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm N 1.30H	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay: Others: Terminal box position: Net weight:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm N 1.30H 43.2 lb	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay: Others: Terminal box position: Net weight: Gross weight:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm N 1.30H 43.2 lb 55.3 lb	
Built-in motor protection: Thermal protec: R a: R s1: R s2: Controls: Relay: Others: Terminal box position: Net weight:	INT. 5.6 - 7.35 ohm 2.02 - 2.66 ohm 3.75 - 4.95 ohm N 1.30H 43.2 lb	

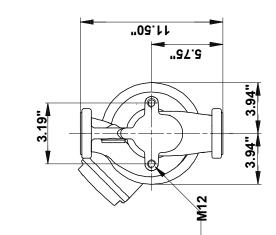


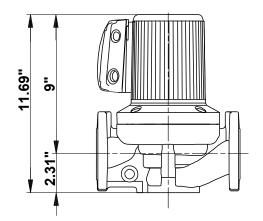


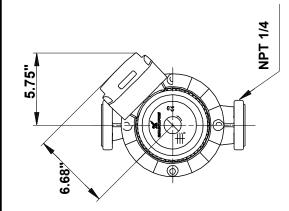
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96402783 UPS 40-160 F 60 Hz









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

19/03/2024