GRUNDFOS

Company name:
Created by:
Phone:
Email:
Date:

Qty.	Description
1	**Unilift KP 250 AV 1**

Note! Product picture may differ from actual product

Product No.: 012H1400
Submersible drainage pump

Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase canned motor in insulation class F with thermal overload protection.

The pump is fitted with suction strainer and a carrying handle and is supplied with a 5 m mains cable and vertical level switch for automatic start and stop.

The impeller is a semi-open impeller for 10 mm free passage suitable for pumping groundwater, surface water, rain water and similar liquids.

The pump has a double shaft seal consisting of two lip seals with grease in-between.

The pump has an outer casing ensuring continuous cooling of the motor by the pumped liquid. The rotor shaft operates in two maintenance-free carbon bearings cooled by the pumped liquid

The motor is filled with a non-toxic motor liquid.

Liquid:

Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 50 °C
Density at selected liquid temperature:	998.2 kg/m³

Technical:

Maximum particle size:	10 mm

Materials:

Pump housing:	Stainless steel DIN W.-Nr. 1.4301

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Qty.	Description	
		AISI 304
	Impeller:	Stainless steel
		DIN W.-Nr. 1.4031
		AISI 304
	Installation:	
	Pump outlet:	Rp 1 1/4
	Maximum installation depth:	2 m
	Electrical data:	
	Power input - P1:	480 W
	Mains frequency:	50 Hz
	Rated voltage:	1 x 220-230 V
	Rated current:	2.3 A
	Capacitor size - run:	8 µF/400 V
	Enclosure class (IEC 34-5):	IP68
	Insulation class (IEC 85):	F
	Length of cable:	5 m
	Type of cable plug:	SCHUKO
	Others:	
	Net weight:	6.5 kg
	Gross weight:	7 kg
	Shipping volume:	0.013 m³

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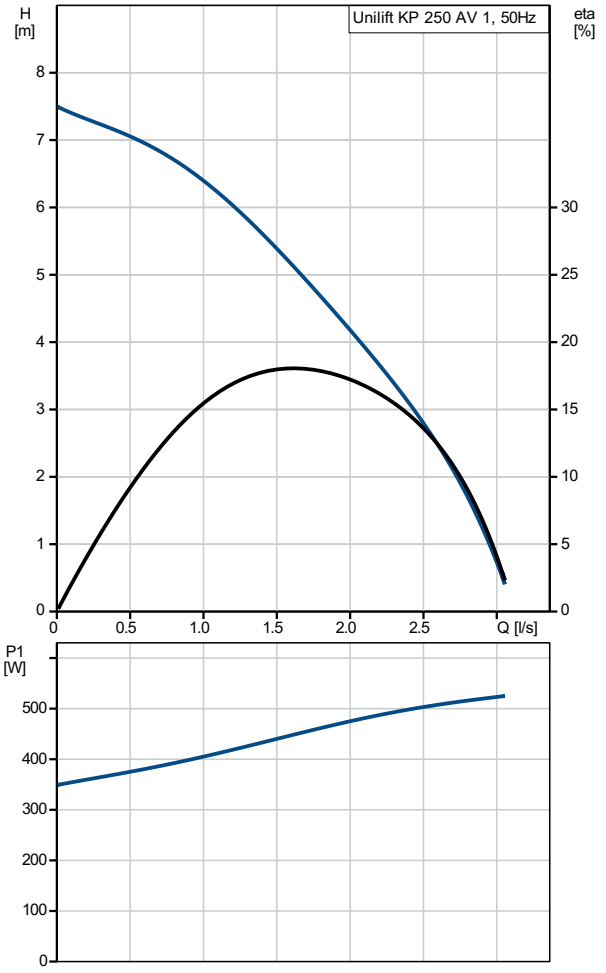
Description	Value
General information:	
Product name:	Unilift KP 250 AV 1
Product No:	012H1400
EAN number:	5700391116544
	5700391116544
Technical:	
Max flow:	3.11 l/s
Head max:	7.5 m
Maximum particle size:	10 mm
Model:	A
Materials:	
Pump housing:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Impeller:	Stainless steel
	DIN W.-Nr. 1.4031
	AISI 304
Installation:	
Pump outlet:	Rp 1 1/4
Maximum installation depth:	2 m
Liquid:	
Pumped liquid:	Any Newtonian liquid
Liquid temperature range:	0 .. 50 °C
Density at selected liquid temperature:	998.2 kg/m³
Electrical data:	
Power input - P1:	480 W
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230 V
Rated current:	2.3 A
Capacitor size - run:	8 µF/400 V
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	CONTACT
Thermal protec:	internal
Length of cable:	5 m
Type of cable plug:	SCHUKO
Controls:	
Level switch:	vertical level switch
Others:	
Net weight:	6.5 kg
Gross weight:	7 kg
Shipping volume:	0.013 m³



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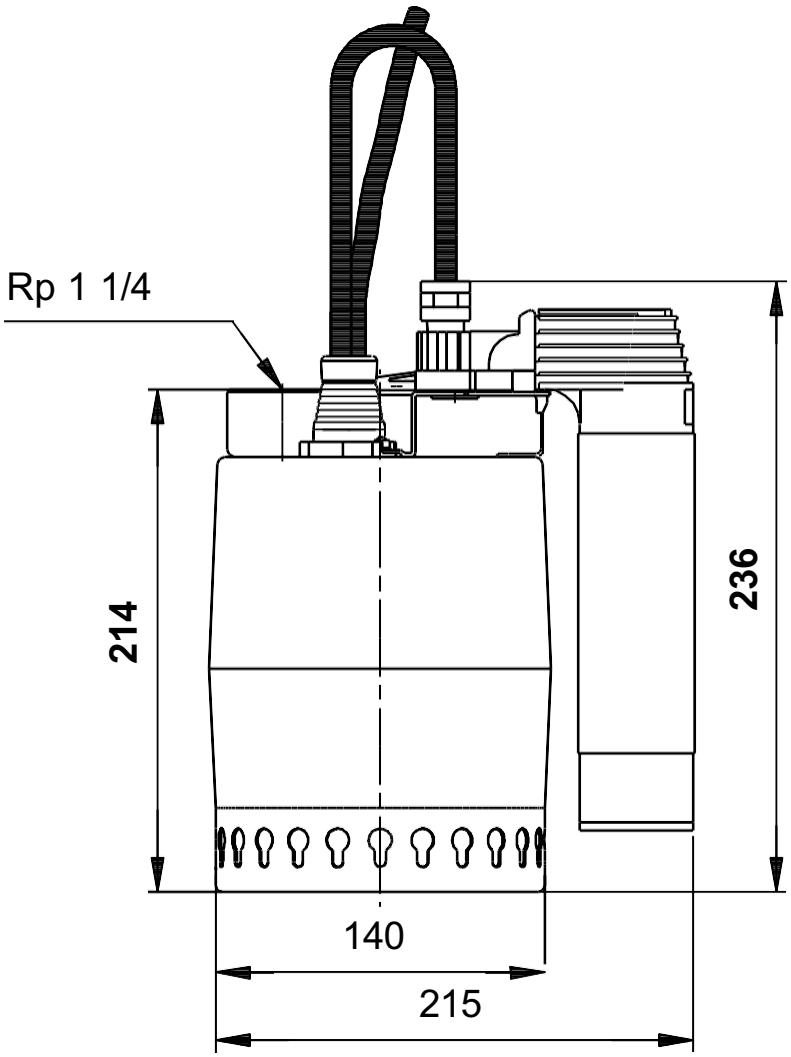
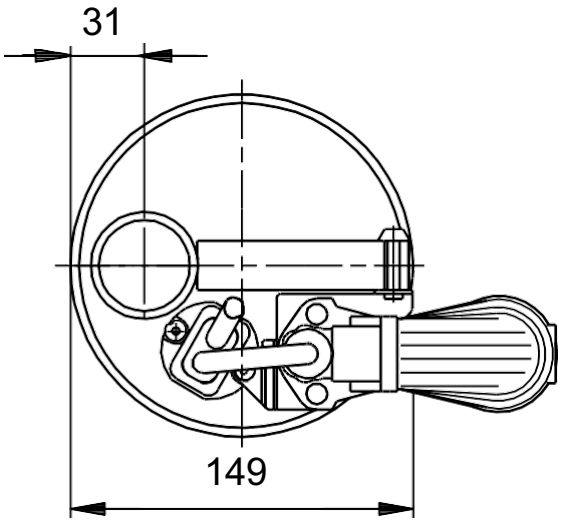
012H1400 Unilift KP 250 AV 1 50 Hz





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