

Created by:

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**Email:** info@nationlapumpsandboilers.co.uk

**Date:** 03/01/2024

Project: Client:

Reference Number: Client Number: Contact:

## Qty. | Description

## UNILIFT KP.250.A.1



Note! Product picture may differ from actual product

Product No.: 012C6700 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 float 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:

Liquid temperature range: 0 .. 40 °C
Density: 998.2 kg/m³

Technical:

Maximum flow: 3.11 l/s Max. Particle: 10 mm

Approvals: CE,RCM,LGABG,EAC,TUVRHWID,CHROHS

Materials:

Pump housing: Stainless steel

EN 1.4301 AISI 304

Impeller: Stainless steel EN 1.4301



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1 AISI 304

Installation:

Range of ambient temperature:  $0 ... 50 \, ^{\circ}\text{C}$ 

Type of connection: Rp

Size of connection: 1 1/4 inch
Maximum installation depth: 2 m
Place of installation: Indoor

Electrical data:

Power input - P1: 490 W

Mains frequency: 50 Hz

Rated voltage: 1 x 110 V

Rated current: 5 A

Capacitor size - run: 20 µF/250 V

Enclosure class (IEC 34-5): IP68
Insulation class (IEC 85): F
Length of power cable: 5 m
Type of cable plug: NONE

Others:

Net weight: 6.5 kg
Gross weight: 7.1 kg
Shipping volume: 0.013 m³
Environmental approvals: WEEE



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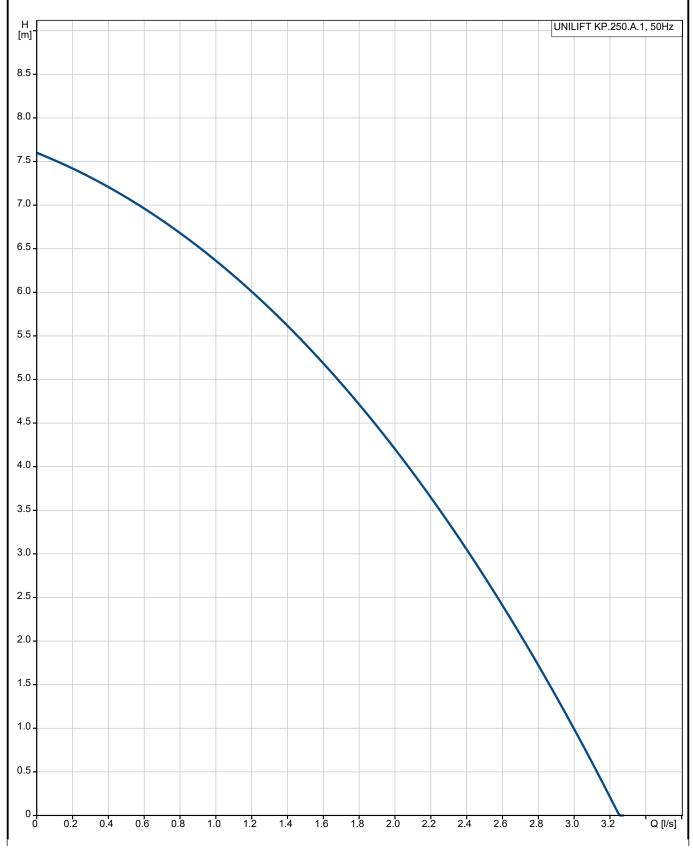
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## 012C6700 UNILIFT KP.250.A.1 50 Hz





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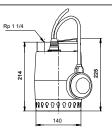
Client:

**Client Number:** 

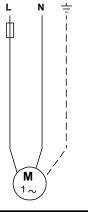
Contact:

Description	Value				
General information:					
Product name:	UNILIFT KP.250.A.1				
Product No:	012C6700				
EAN number:	5700391116193				
Technical:					
Maximum flow:	3.11 l/s				
Maximum head:	8 m				
Max. Particle:	10 mm				
Approvals:	CE,RCM,LGABG,EAC,TUVRHWI D,CHROHS				
Model:	A				
Materials:					
Pump housing:	Stainless steel				
Pump housing:	EN 1.4301				
Pump housing:	AISI 304				
Impeller:	Stainless steel				
Impeller:	EN 1.4301				
Impeller:	AISI 304				
Installation:					
Range of ambient temperature:	0 50 °C				
Type of connection:	Rp				
Size of connection:	1 1/4 inch				
Maximum installation depth:	2 m				
Place of installation:	Indoor				
Liquid:					
Liquid temperature range:	0 40 °C				
Density:	998.2 kg/m³				
Electrical data:					
Power input - P1:	490 W				
Mains frequency:	50 Hz				
Rated voltage:	1 x 110 V				
Rated current:	5 A				
Capacitor size - run:	20 μF/250 V				
Enclosure class (IEC 34-5):	IP68				
Insulation class (IEC 85):	F				
Built-in motor protection:	CONTACT				
Thermal protec:	INT.				
Length of power cable:	5 m				
Type of cable plug:	NONE				
Controls:					
Level switch:	A				
Others:					
Net weight:	6.5 kg				
Gross weight:	7.1 kg				
Shipping volume:	0.013 m³				
Environmental approvals:	WEEE				

H -						UNILIFT KP.250.A.1, 50Hz		
8.5								
8.0								
7.5								
7.0								
6.5								
6.0								
5.5								
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3.5								
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2.5						+		
2.0							ackslash	
1.5								
1.0							+ +	
0.5							++	
0 0.2	0.6	1.0	1.4	1.8	2.2	2.6	3.0	Q [l/s]









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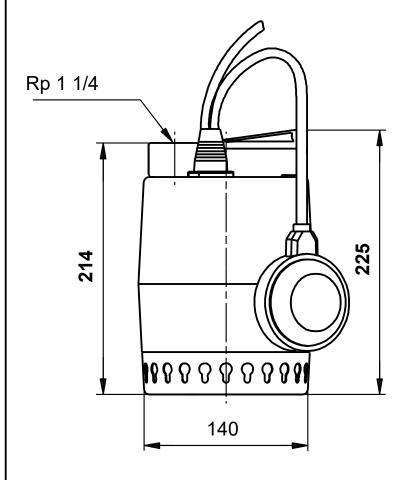
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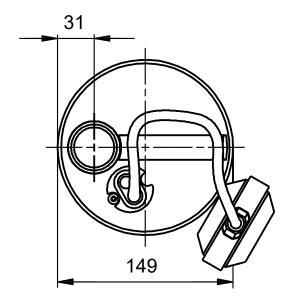
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## 012C6700 UNILIFT KP.250.A.1 50 Hz





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