Company name:
Created by:
Phone:

Date: 27/05/2021

Qty.	Description
1	**DDE 15-4**

Note! Product picture may differ from actual product

Product No.: 97721272
Type key: DDE 15-4 B-PVC/T/C-X-31U2U2IG

The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump with variable-speed drive (stepper motor) and intelligent control electronics with minimum energy consumption.

The SMART Digital Dosing series operates at full stroke length to ensure optimum accuracy, priming and suction, even for degassing liquids.

The duration of each discharge stroke varies according to the capacity set, resulting in optimum smooth and continuous discharge flow.

The click-stop mounting plate allows installation in three different positions without using any additional accessories. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%.

The dosing head is composed of:
- Long lifetime and universal chemical resistant Full-PTFE diaphragm.
- Double ball valves for highest dosing accuracy.
- Deaeration valve for easy start-up.

Operation modes:
- Manual dosing from 0.1 to 100%.

Other features:
- Mechanical lock to protect the pump against unauthorised access.

Technical:

Type key:	DDE 15-4 B-PVC/T/C-X-31U2U2IG
Max. Flow:	15 l/h
Min flow:	15.0 ml/h
Turn-down ratio:	1:1000
Approvals on nameplate:	CE,CSA-US,NSF61,RCM
Valve type:	Standard
Maximum viscosity at 100 %:	50 mPas
Maximum viscosity in slow mode 50 %:	N/A mPas
Maximum viscosity in slow mode 25 %:	N/A mPas
Accuracy of repeatability:	5 %

Materials:

Dosing head:	PVC (Polyvinyl chloride)
Valve ball:	Ceramic
Gasket:	PTFE

Installation:

Range of ambient temperature:	0 .. 45 °C
Maximum operating pressure:	4 bar
Installation set:	NO

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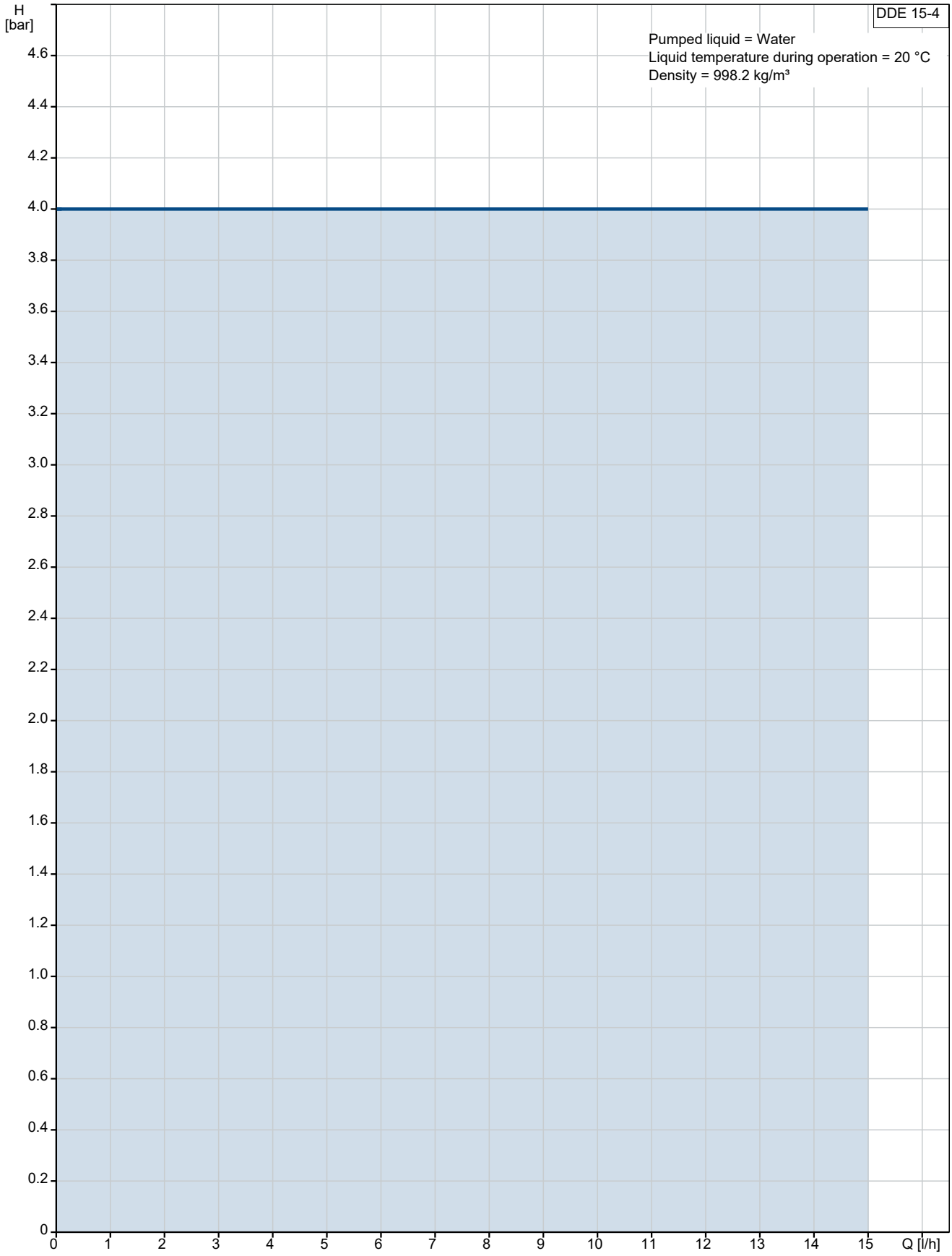
Qty.	Description	
	Installation type:	No installation set
	Pump inlet:	4/6, 6/9, 6/12, 9/12 mm
	Pump outlet:	4/6, 6/9, 6/12, 9/12 mm
	Max. Suction lift during operation:	6 m
	Max. Suction lift during priming:	3 m
	Liquid:	
	Pumped liquid:	Water
	Liquid temperature range:	-10 .. 45 °C
	Selected liquid temperature:	20 °C
	Density:	998.2 kg/m³
	Electrical data:	
	Maximum power input - P1:	19 W
	Mains frequency:	50 / 60 Hz
	Rated voltage:	1 x 100-240 V
	Enclosure class (IEC 34-5):	IP65 / NEMA 4X
	Length of cable:	1.5 m
	Type of cable plug:	Australia, New Zealand, Taiwan
	Inrush current:	25A at 230V for 2ms
	Controls:	
	Control variant:	B
	Ext. Stop input:	NO
	Output relays:	NO
	Others:	
	Net weight:	2 kg
	Gross weight:	3 kg

Company name:
Created by:
Phone:

Date: 27/05/2021

97721272 DDE 15-4



Company name:
Created by:
Phone:

Date: 27/05/2021

Description	Value
General information:	
Product name:	DDE 15-4
Product No:	97721272
EAN number:	5710622714128
Price:	
Technical:	
Type key:	DDE 15-4 B-PVC/T/C-X-31U2U2IG
Max. Flow:	15 l/h
Min flow:	15.0 ml/h
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Maximum viscosity at 100 %:	50 mPas
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Accuracy of repeatability:	5 %
Materials:	
Dosing head:	PVC (Polyvinyl chloride)
Valve ball:	Ceramic
Gasket:	PTFE
Installation:	
Range of ambient temperature:	0 .. 45 °C
Maximum operating pressure:	4 bar
Installation set:	NO
Installation type:	No installation set
Pump inlet:	4/6, 6/9, 6/12, 9/12 mm
Pump outlet:	4/6, 6/9, 6/12, 9/12 mm
Max. Suction lift during operation:	6 m
Max. Suction lift during priming:	3 m
Liquid:	
Pumped liquid:	Water
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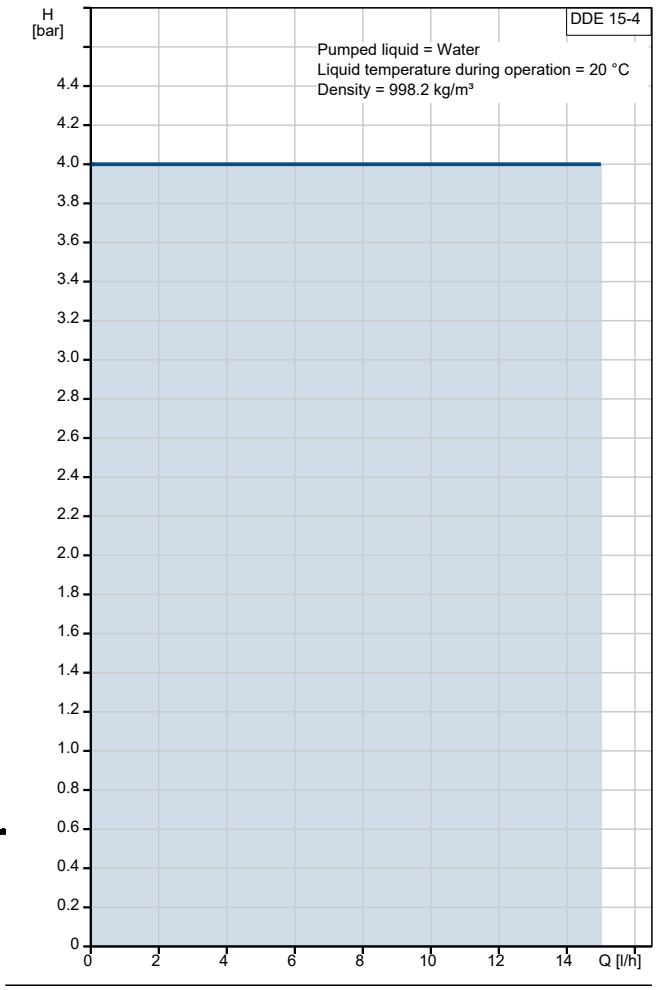
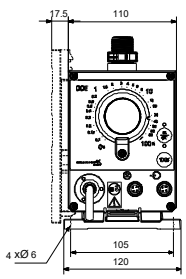
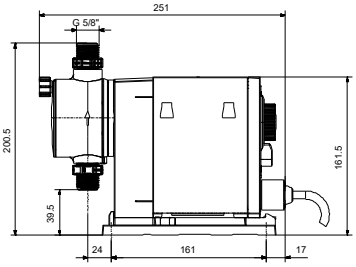
Controls:	
Control variant:	B
Ext. Stop input:	NO
Output relays:	NO
Others:	
Net weight:	2 kg
Gross weight:	3 kg







Company name:
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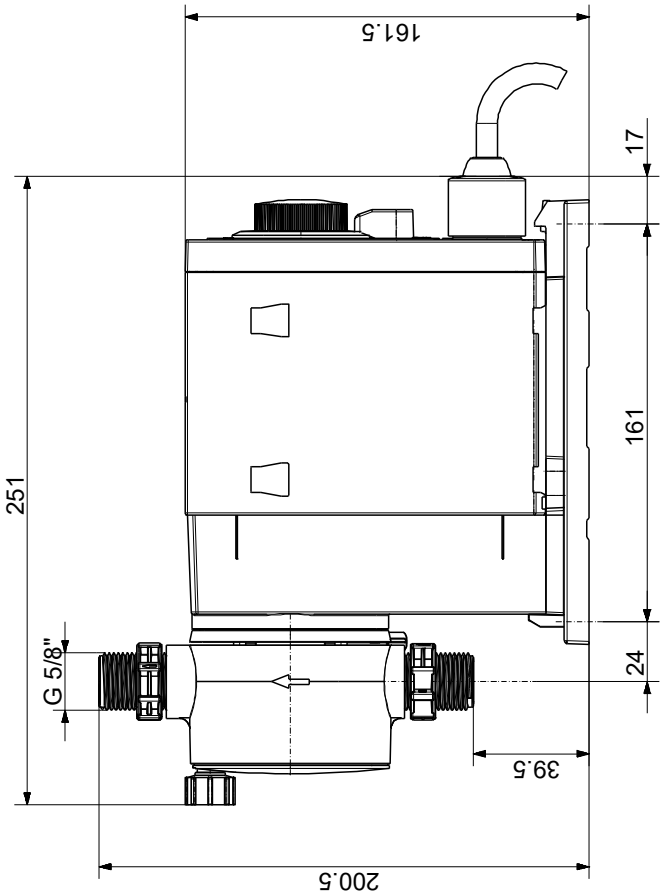
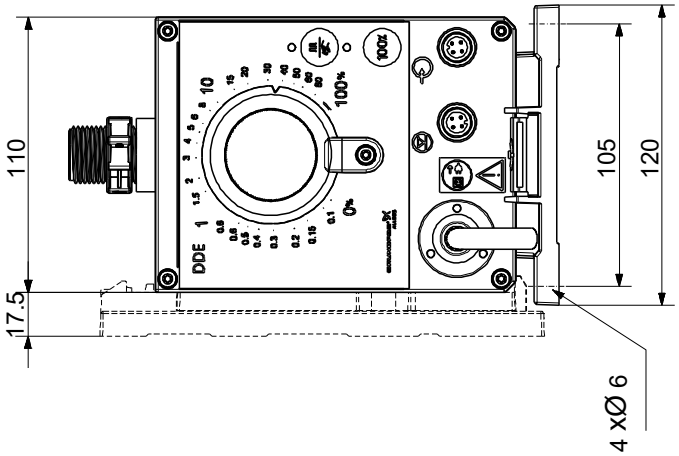
97721272 DDE 15-4





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