

Qty. Description

1 **DDE 120-7**



Note! Product picture may differ from actual product

Product No.: [99246459](#)

DDE 120-7 B-PVC/T/C-F-31U3U3IG

The SMART Digital DDE is a compact positive displacement, diaphragm dosing pump with variable-speed drive (PMS 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 mounting plate allows quick installation and service. The control cube can be turned easily into front, left or right position. The dosing flow can be adjusted by means of an adjustment knob on a logarithmical scale from 0.1-100%. The control elements are protected by a transparent cover.

The dosing head is composed of:

- Long lifetime and universal, chemically resistant full double PTFE diaphragm.
- Ball valves for highest dosing accuracy.
- Deaeration valve for easy startup.

Operating modes:

- Manual dosing from 0.1 to 100%.

Controls:

Control variant:	B
Ext. Stop input:	NO
Output relays:	NO

Liquid:

Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³

Technical:

Type key:	DDE 120-7 B-PVC/T/C-F-31U3U3IG
Max. Flow:	120 l/h
Min flow:	150 ml/h
Turn-down ratio:	1:800
Approvals on nameplate:	CE,CSA-US,NSF61,RCM
Valve type:	Standard
Maximum viscosity at 100 %:	100 mPas
Maximum viscosity in slow mode 50 %:	N/A mPas
Maximum viscosity in slow mode 25 %:	N/A mPas
Accuracy of repeatability:	5 %

Materials:



Company name:

Created by:

Phone:

Date:

10/8/2021

Qty. Description

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

Installation:
Range of ambient temperature: 0 .. 45 °C
Maximum operating pressure: 7 bar
Installation set: NO
Installation type: No installation set
Pump inlet: Conn.pack U3 (hose ID.19mm &..
Pump outlet: Conn.pack U3 (hose ID.19mm &..
Max. Suction lift during operation: 3 m
Max. Suction lift during priming: 1.5 m

Electrical data:
P1 max: 62 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: 70A at 240V (35A/100V) for 2ms

Others:
Net weight: 6 kg
Gross weight: 7 kg
Color: RED
Country of origin: FR
Custom tariff no.: 8413509060



Company name:

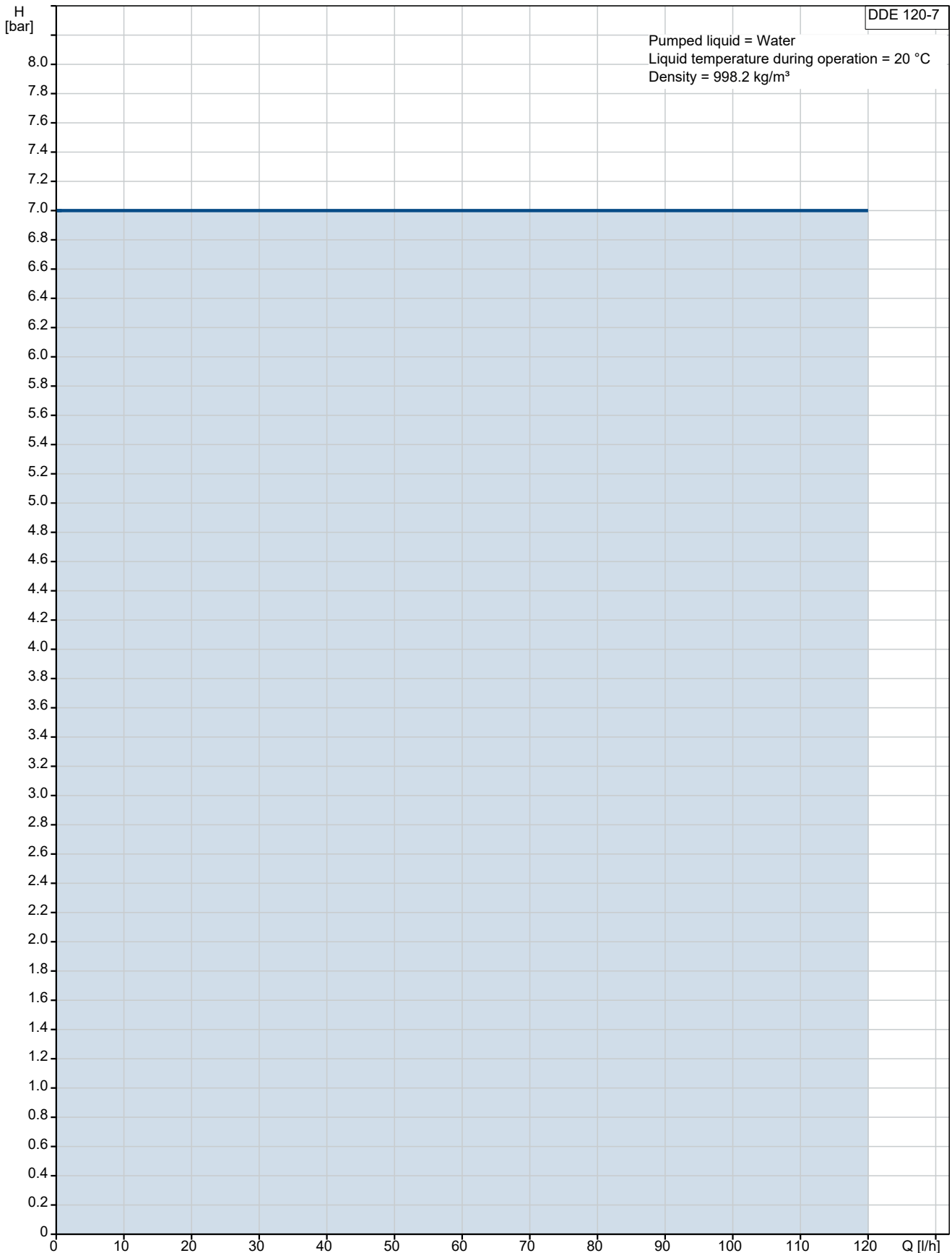
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Phone:

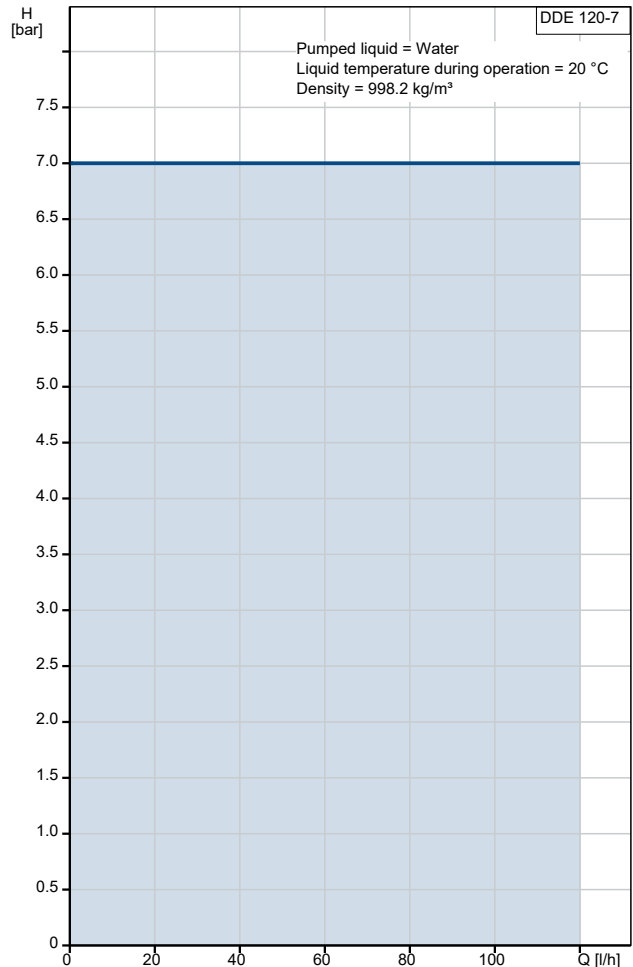
Date:

10/8/2021

99246459 DDE 120-7



Description	Value
General information:	
Product name:	DDE 120-7
Product No:	99246459
EAN number:	5712609451828
Price:	
Technical:	
Type key:	DDE 120-7 B-PVC/T/C-F-31U3U3IG
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Min flow:	150 ml/h
Turn-down ratio:	1:800
Approvals on nameplate:	CE,CSA-US,NSF61,RCM
Valve type:	Standard
Maximum viscosity at 100 %:	100 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:	7 bar
Installation set:	NO
Installation type:	No installation set
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Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
P1 max:	62 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:	70A at 240V (35A/100V) for 2ms
Controls:	
Control variant:	B
Control panel:	FRONT-MOUNTED
Ext. Stop input:	NO
Output relays:	NO
Others:	
Net weight:	6 kg
Gross weight:	7 kg
Color:	RED
Country of origin:	FR





Company name:

Created by:

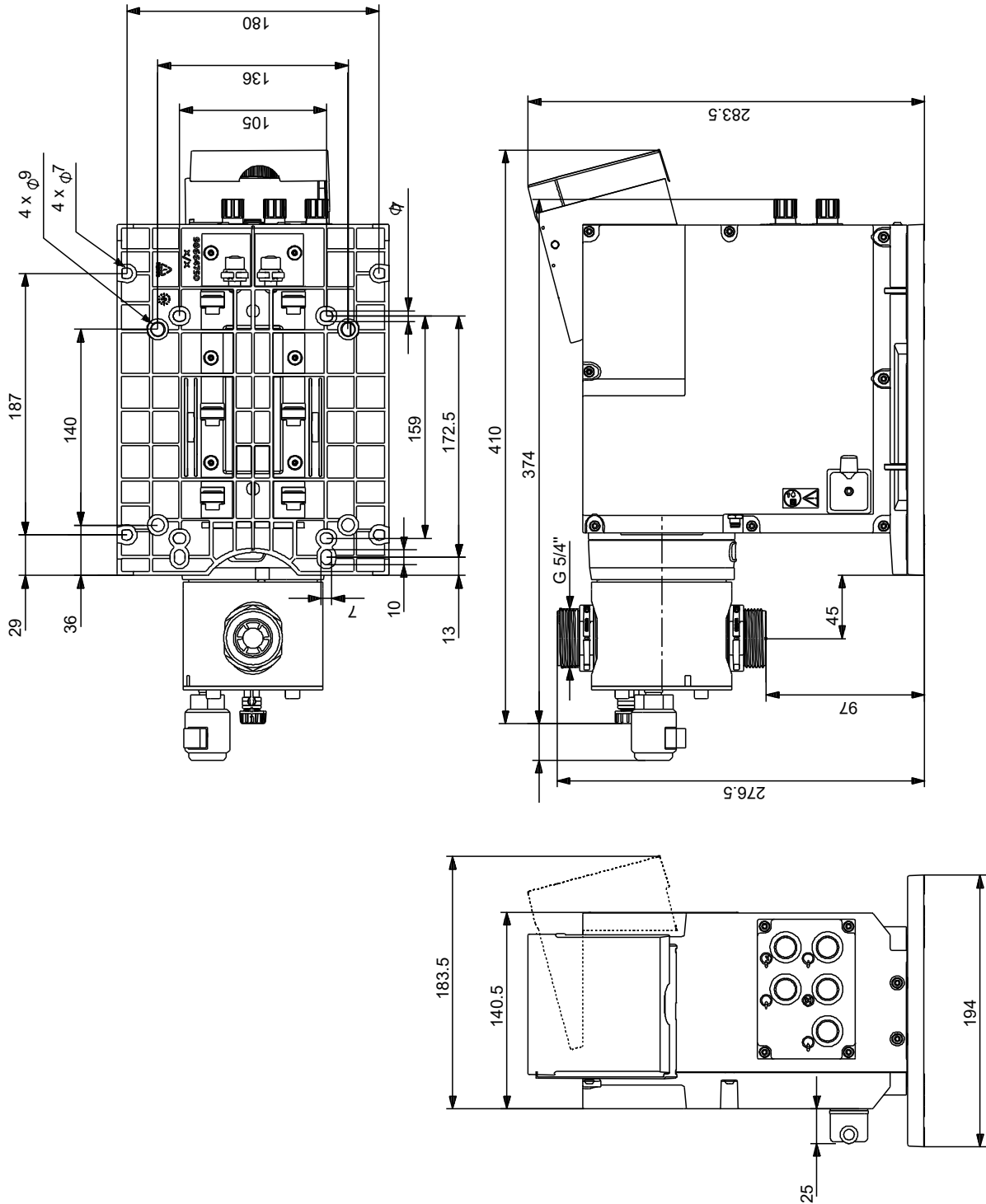
Phone:

Date:

10/8/2021

Description	Value
Custom tariff no.:	8413509060

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



Company name:

Created by:

Phone:

Date:

10/8/2021

Order Data:

Product name: DDE 120-7

Amount: 1

Product No: 99246459

Price:

Total: Price on request
