

Qty. Description

1 **DDE 60-10**



Note! Product picture may differ from actual product

Product No.: [99246457](#)

DDE 60-10 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 60-10 B-PVC/T/C-F-31U3U3IG |
| Max. Flow: | 60 l/h |
| Min flow: | 75 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:

| Qty. | Description |
|------|---|
| | <p>Dosing head: PVC (Polyvinyl chloride)</p> <p>Valve ball: Ceramic</p> <p>Gasket: PTFE</p> <p>Installation:</p> <p>Range of ambient temperature: 0 .. 45 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Installation set: NO</p> <p>Installation type: No installation set</p> <p>Pump inlet: Conn.pack U3 (hose ID.19mm &..</p> <p>Pump outlet: Conn.pack U3 (hose ID.19mm &..</p> <p>Max. Suction lift during operation: 3 m</p> <p>Max. Suction lift during priming: 1.5 m</p> <p>Electrical data:</p> <p>P1 max: 62 W</p> <p>Mains frequency: 50 / 60 Hz</p> <p>Rated voltage: 1 x 100-240 V</p> <p>Enclosure class (IEC 34-5): IP65 / NEMA 4X</p> <p>Length of cable: 1.5 m</p> <p>Type of cable plug: Australia, New Zealand, Taiwan</p> <p>Inrush current: 70A at 240V (35A/100V) for 2ms</p> <p>Others:</p> <p>Net weight: 6 kg</p> <p>Gross weight: 6 kg</p> <p>Color: RED</p> <p>Country of origin: FR</p> <p>Custom tariff no.: 8413509060</p> |



Company name:

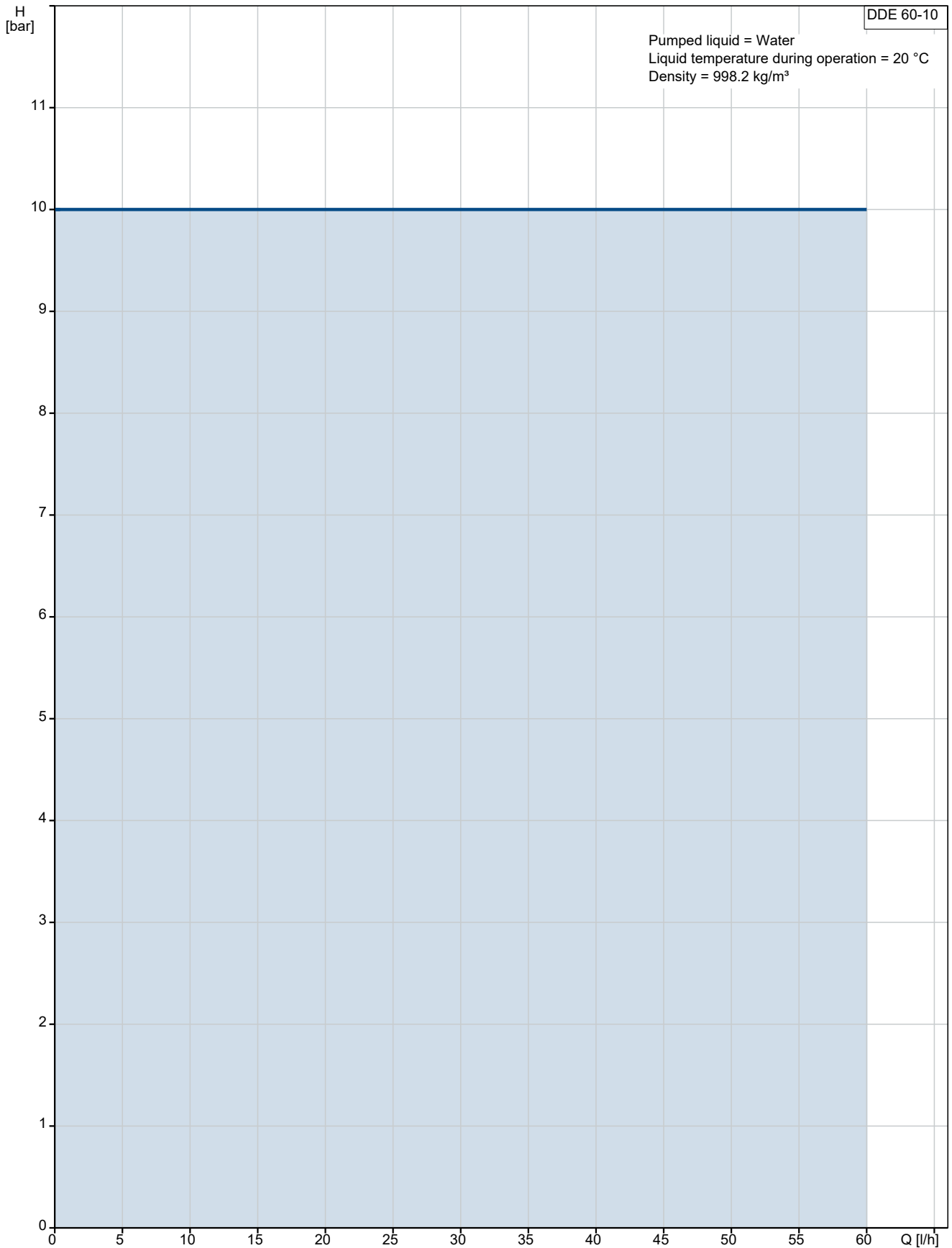
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Phone:

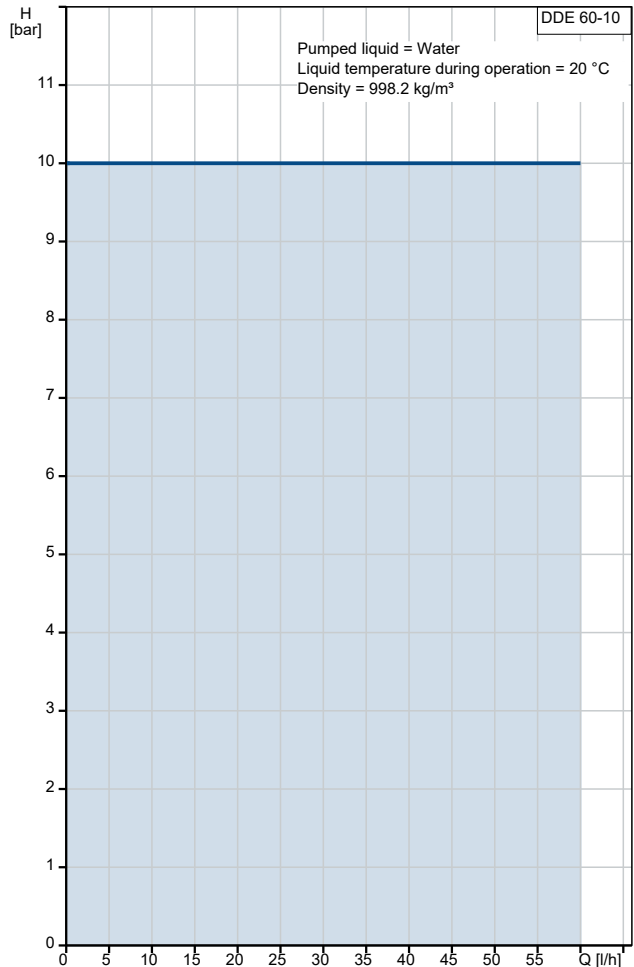
Date:

10/8/2021

99246457 DDE 60-10



| Description | Value |
|--------------------------------------|-----------------------------------|
| General information: | |
| Product name: | DDE 60-10 |
| Product No: | 99246457 |
| EAN number: | 5712609451811 |
| Price: | |
| Technical: | |
| Type key: | DDE 60-10 B-PVC/T/C-F-31U3U3IG |
| Max. Flow: | 60 l/h |
| Min flow: | 75 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: | 10 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 |
| 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: | 6 kg |
| Color: | RED |
| Country of origin: | FR |





Company name:

Created by:

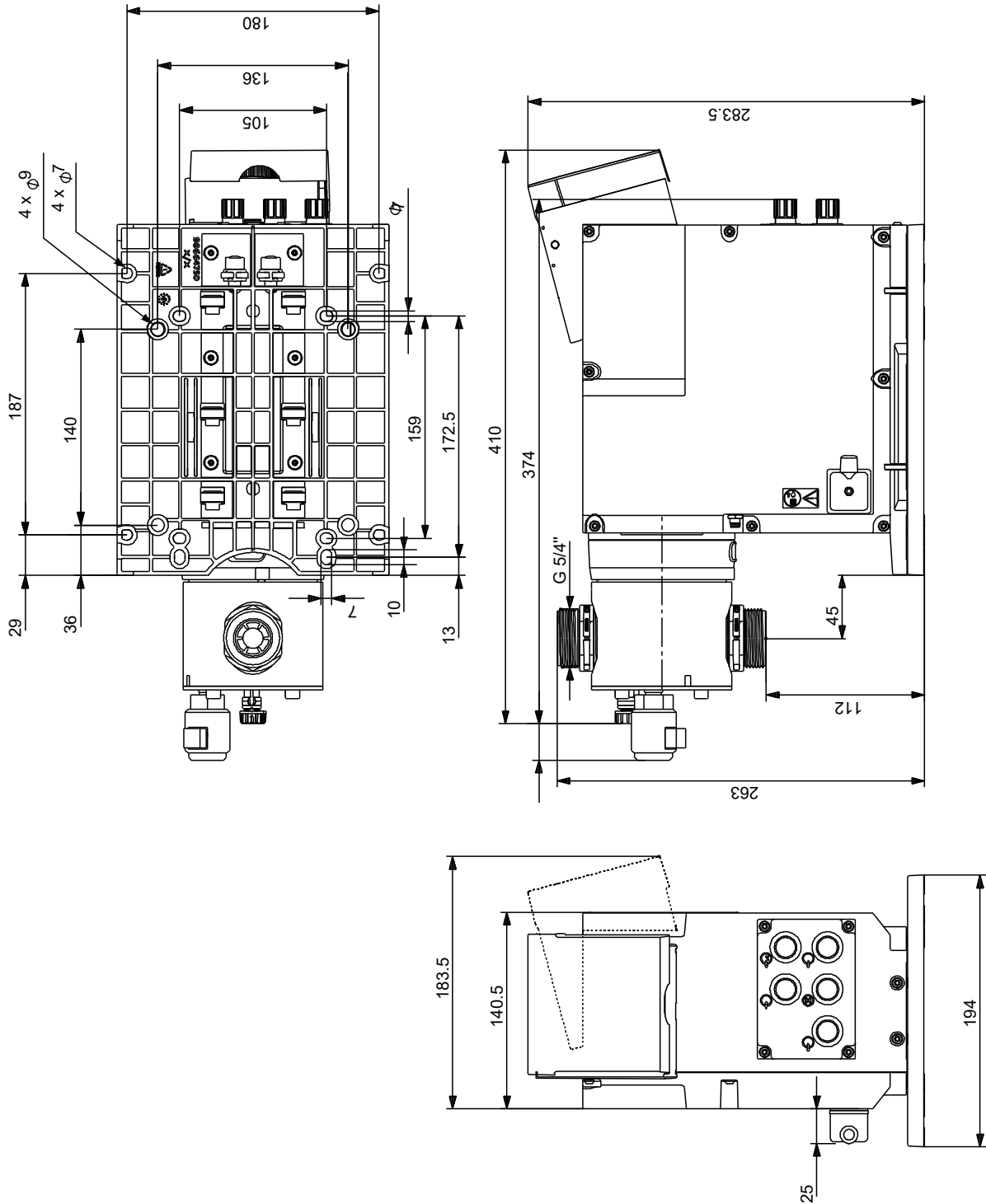
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Date:

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| Description | Value |
|--------------------|------------|
| Custom tariff no.: | 8413509060 |

99246457 DDE 60-10



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 60-10

Amount: 1

Product No: 99246457

Price:

Total: Price on request
