

Pad tis	Kiekis	Aprašymas
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**DDA 60-10**

Atkreipkite d mes ! Paveiksl lyje parodytas produktas gali skirtis nuo tikrojo

Produkto Nr.: [99159373](#)

DDA 60-10 AR-PV/T/C-F-31U3U3FG

The SMART Digital DDA 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 high-viscosity or 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 click wheel and the multi-coloured backlit graphical, plain-text LC display make commissioning and operation intuitive. 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 in ml/h, l/h or gph.
- Pulse control in ml/pulse (incl. memory function).
- Analog control 0/4-20 mA (scalable).
- Pulse-based batch function in ml, l or gal.
- Timer-based batch function (Dosing timer, cycle or week).
- Fieldbus control (GENIbus prepared for Grundfos CIU fieldbus modules).

Other features:

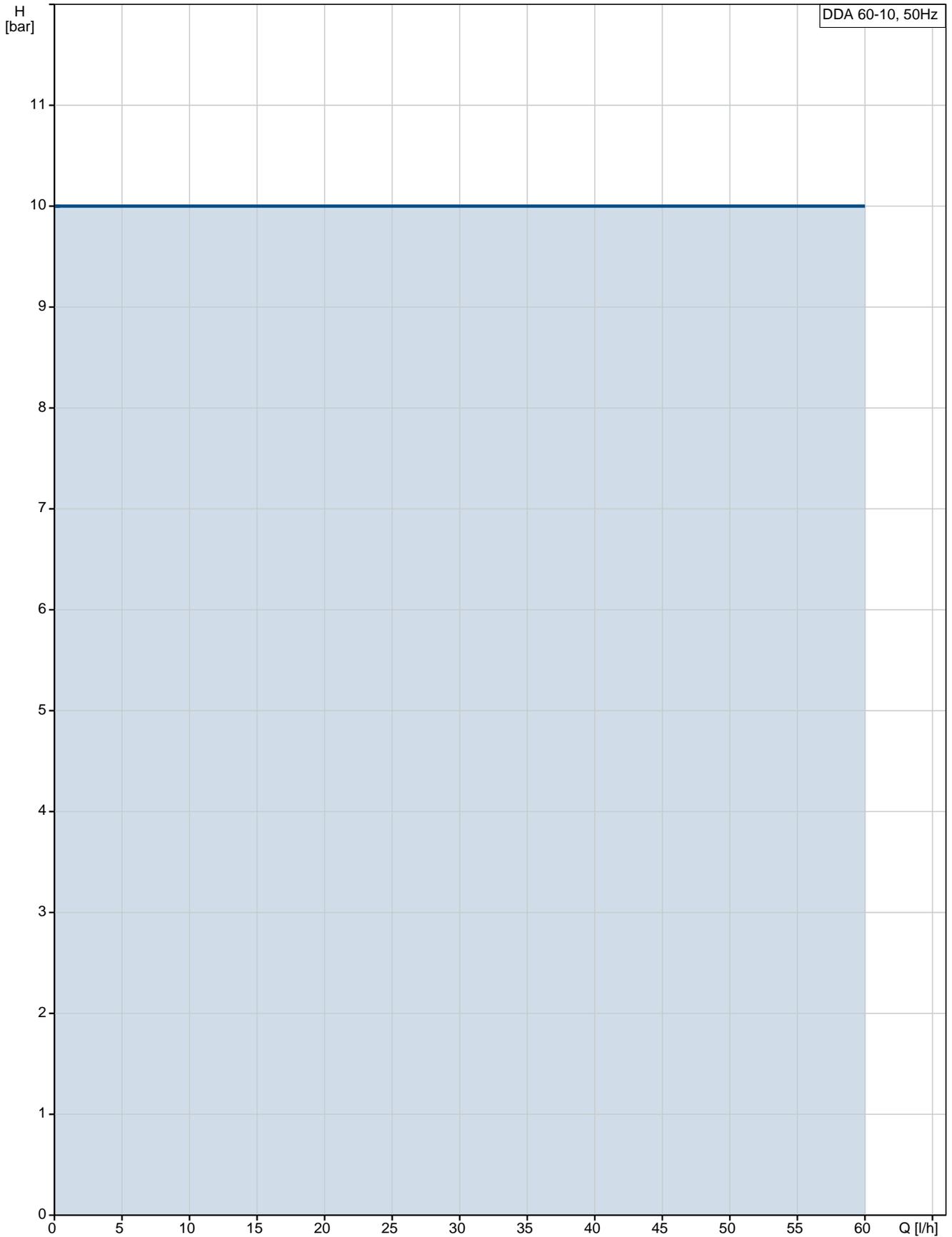
- Auto deaeration during pump standby to avoid breakdowns due to air-locking.
- Two SlowMode steps (anti-cavitation), 50 % (maximum flow: 30 l/h) and 25 % (maximum flow: 15 l/h), e.g. for high-viscosity or degassing liquids.
- Service information display to show when service and which wear-part order number is required.
- Two-step key lock function to protect the pump against unauthorised access.
- Additional display function to provide further information, e.g. the actual mA input signal.
- Counter for total dosed volume (resettable), operating hours, etc.
- Save and load customised settings as well as reload of factory settings.

Signal inputs/outputs:

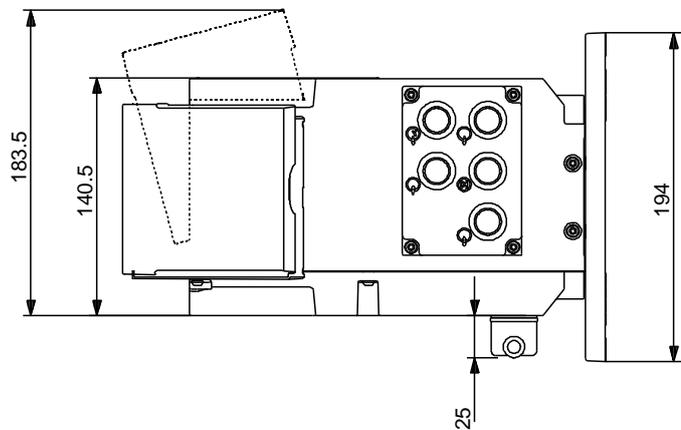
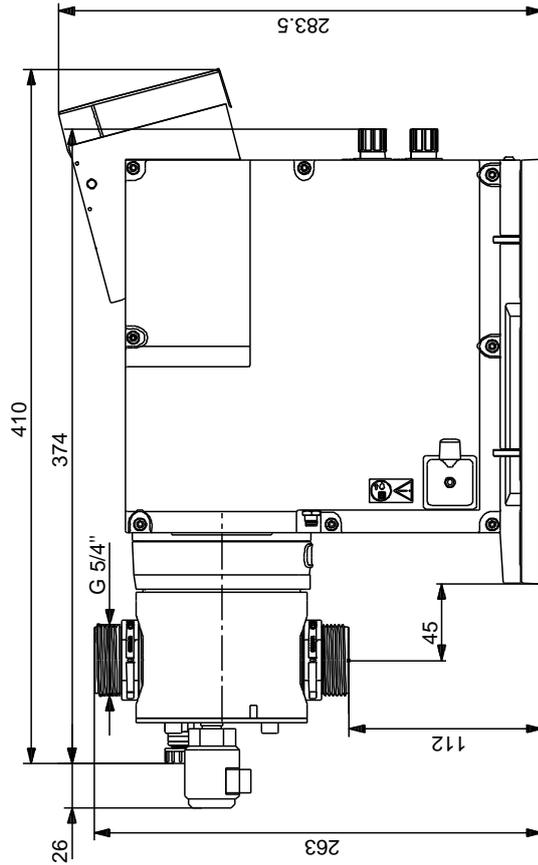
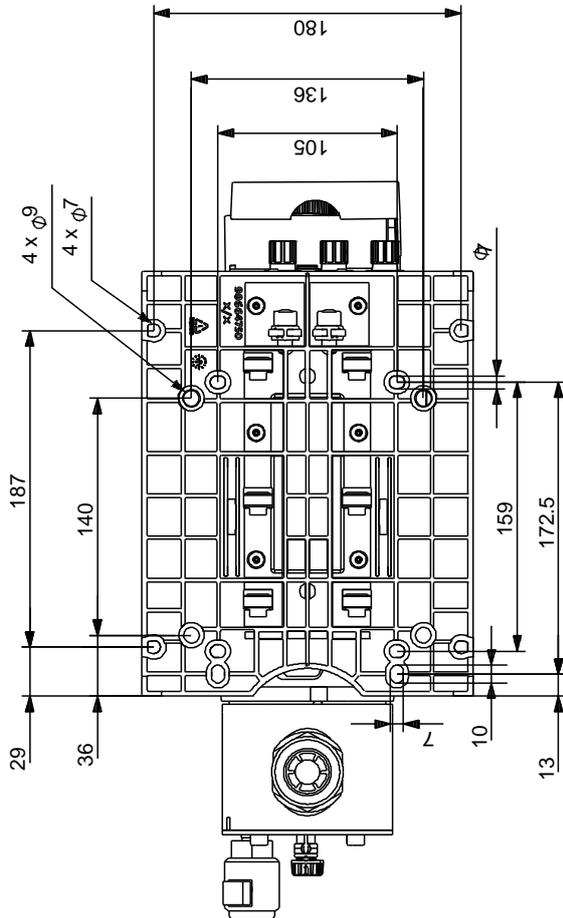
- Input for pulse, analog 0/4-20mA and external stop.
- Input for low-level and empty-tank signal.
- Two potential-free output relays for maximum 30 V AC/DC (configurable, e.g. alarm, stroke signal, pump dosing, timer etc.)
- Output analog 0/4-20mA.
- Fieldbus communication interface (GENIbus, for connection of the Grundfos CIU fieldbus converter).

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		<p><b>Valdikliai:</b></p> <p>Valdymo variantas: AR</p> <p>Lygio kontrol : YES</p> <p>Analoginis jimas: 0/4-20 MA</p> <p>Impulsinis valdymas: TAIP</p> <p>Išor. stop jimas: TAIP</p> <p>Analoginis iš jimas: 0/4-20 MA</p> <p>Iš jimo rel s: 2</p> <p>Ryšys per magistral : TAIP</p> <p><b>Skystis:</b></p> <p>Siurbiamas skystis: Vanduo</p> <p>Skys io temperat ros diapazonas: 0 .. 50 °C</p> <p>Skys io temperat ra eksploataavimo metu: 20 °C</p> <p>Tankis: 998.2 kg/m<sup>3</sup></p> <p><b>Techniniai duomenys:</b></p> <p>Tipas: DDA 60-10 AR-PV/T/C-F-31U3U3FG</p> <p>Maks. debitas: 60 l/h</p> <p>Maks. debitas I tame režime 50%: 30 l/h</p> <p>Maks. debitas I tame režime 25%: 15 l/h</p> <p>Min. debitas: 75 ml/h</p> <p>Sumažinimo santykis: 1:800</p> <p>Sertifikatai ant vardin s plokštel s: CE,CSA-US,NSF61,EAC,RCM</p> <p>Vožtuvo tipas: Standartinis</p> <p>Maksimalus klampumas, esant 100 %: 150 mPas</p> <p>Maksimalus klampumas I tame režime 50 %: 2000 mPas</p> <p>Maksimalus klampumas I tame režime 25 %: 3000 mPas</p> <p>Pakartojimo tikslumas: 1 %</p> <p><b>Medžiagos:</b></p> <p>Dozavimo galvut : PVDF (polivinilidenfluoridas)</p> <p>Vožtuvo rutulys: Keramika</p> <p>Tarpiklis: PTFE</p> <p><b>rengimas:</b></p> <p>Aplinkos temperat ros intervalas: 0 .. 45 °C</p> <p>Maksimalus darbinis sl gis: 10 bar</p> <p>rengimo komplektas: NE</p> <p>rengimo tipas: rengimo komplekto n ra</p> <p>Siurblio vadas: Conn.pack U3 (hose ID.19mm &amp;..</p> <p>Siurblio išvadas: Conn.pack U3 (hose ID.19mm &amp;..</p> <p>Maks. siurbimo aukštis darbo metu: 3 m</p> <p>Maks. siurbimo aukštis užpildymo metu: 1.5 m</p> <p><b>Elektrotechniniai duomenys:</b></p> <p>Maksimali naudojama galia - P1: 62 W</p> <p>Elektros tinklo dažnis: 50 Hz</p> <p>Nominali tampa: 1 x 100-240 V</p> <p>Korpuso klas (IEC 34-5): IP65 / NEMA 4X</p> <p>Kabelio ilgis: 1.5 m</p> <p>Kabelio kištuko tipas: EU</p> <p>Paleidimo srov : 70A esant 240V (35A/100V), 2ms</p> <p><b>Kita:</b></p> <p>Neto mas : 6 kg</p> <p>Bendra mas : 7 kg</p> <p>Spalva: RAUDONA</p>

## 99159373 DDA 60-10 50 Hz



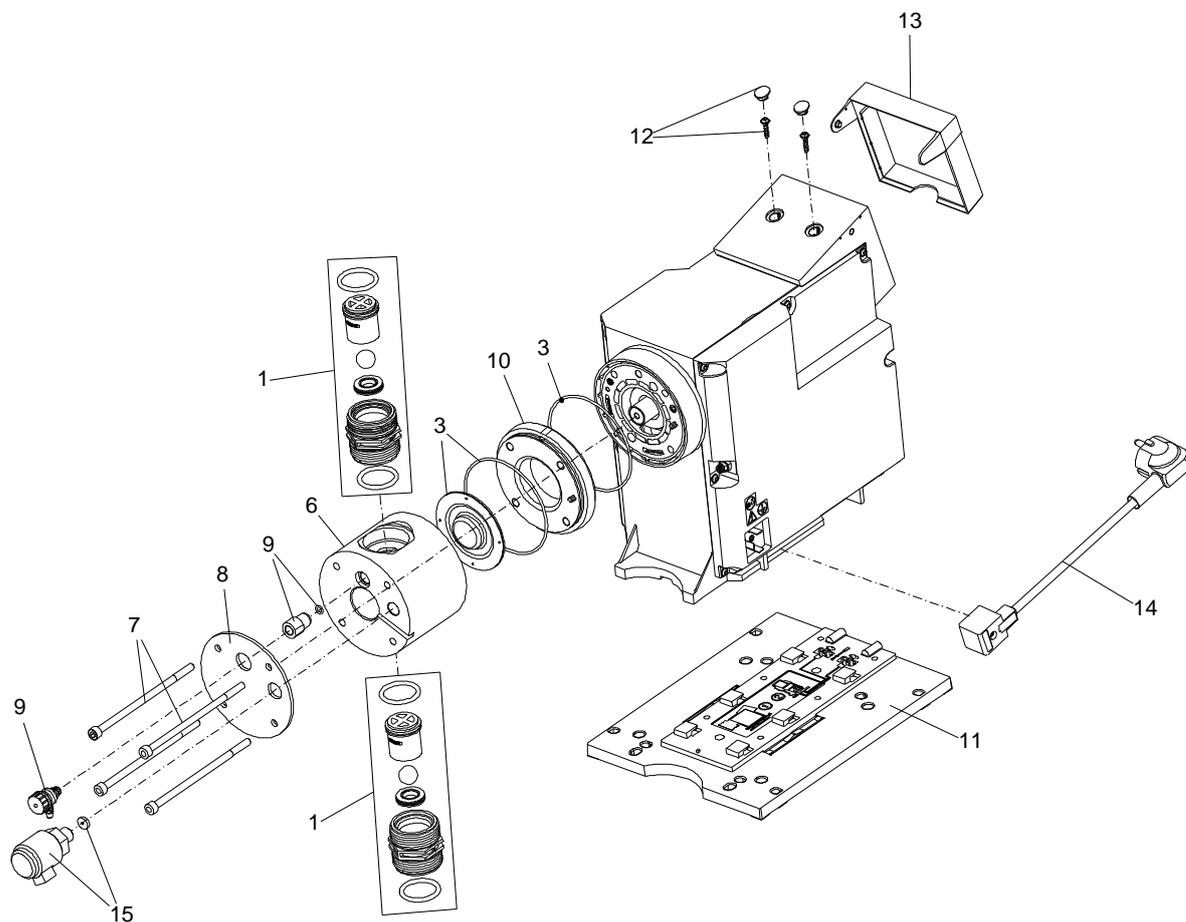
## 99159373 DDA 60-10 50 Hz



Atkreipkite dėmesį! Visi matmenys, jei nenurodyta kitaip, pateikti milimetrais.

Atsakydamas apribojimas: šiame supaprastintame matmenų brėžinyje neparodytos visos detalės.

Sandaros br žinys ( TM067903 for DDE,DDA XS )



**Dali s rašas DDA 60-10, Produkto Nr. 99159373  
Galioja nuo 24.10.2016 (1643)**

Pos	Description	Annotation	Classification	Data	Part no.	Qty.	Unit
	O žiedas					1	vnt.
	Dangtelis					5	vnt.
	Diafragma					1	vnt.
	Dangtis, kompl.					1	vnt.
	Reduktorius					1	vnt.
	Velenas					1	vnt.
	jim /iš jim plokšt , kompl.					1	vnt.
	Prailginimo dalis					1	vnt.
	Sandariklis					1	vnt.
	Folija					1	vnt.
	Korpusas					1	vnt.
	Jutiklis					1	vnt.
	Siurblio galvut s flanšas					1	vnt.
	Kubo kompl.					1	vnt.
- 1	Vožtuvas, kompl.					1	vnt.
	O žiedas					2	
	Vožtuvo korpusas					1	
	Vožtuvo lizdas					1	
	Rutulys					1	
	Rutuliu apkaba					1	
- 1	Vožtuvas, kompl.					1	vnt.
	O žiedas					2	
	Vožtuvo korpusas					1	
	Vožtuvo lizdas					1	
	Rutulys					1	
	Rutuliu apkaba					1	
3	O žiedas					1	vnt.
3	O žiedas					1	vnt.
3	O žiedas					1	vnt.
3	Diafragma					1	vnt.
6	Siurblio galvut					1	vnt.
7	Varžtas su lizdine šešiakampe galvute					4	vnt.
8	Gaubto plokštel					1	vnt.
9	O žiedas					1	vnt.
- 9	Oro išleidimo vožtuvas					1	vnt.
	O žiedas					2	
	Varžtas					1	
	Žarnos jungtis			Skersmuo: 6		1	
	Rutulys					1	
	Korpusas					1	
9	O žiedas					2	
9	Dvigubas nipelis					1	vnt.
10	Tarpinis žiedas					1	vnt.
11	Atramin plokšt					1	vnt.
12	Gaubtas varžtui					2	vnt.
12	Sraigtas su apvalia galvute ir poveržle					8	vnt.
12	Sraigtas su apvalia galvute ir poveržle					1	vnt.
12	Sraigtas su apvalia galvute ir poveržle					2	vnt.
12	Sraigtas su apvalia galvute ir poveržle					2	vnt.
12	Sraigtas su apvalia galvute ir poveržle					2	vnt.
12	Sraigtas su apvalia galvute ir poveržle					4	vnt.
13	Gaubtas kubui					1	vnt.
14	Maitinimo kabelis					1	vnt.