



## Grundfos SMART DDC Pumps

DDC is a SMART digital dosing pump offering excellent reliability and a user-friendly design at an optimum price-performance-ratio. The intuitive graphical user interface gives you easy access to a wide range of highly advanced functions and features. With a powerful variable-speed stepper motor and a turn-down ratio of up to 1:1000, the DDC dosing pump ensures smooth, continuous and ultra-precise dosing in any application that requires chemical treatment.

### Features

- Internal stroke-speed and frequency control with stepper motor
- Easy calibration function
- Flexible control cube and mounting plate
- Click wheel and graphical display
- Capacity setting in ml/h, l/h, or gph
- Manual, pulse and 0/4-20 mA control
- 2 relay outputs
- Smooth dosing of degassing liquids
- Slow mode
- Power supply 100-240 V, 50/60 Hz

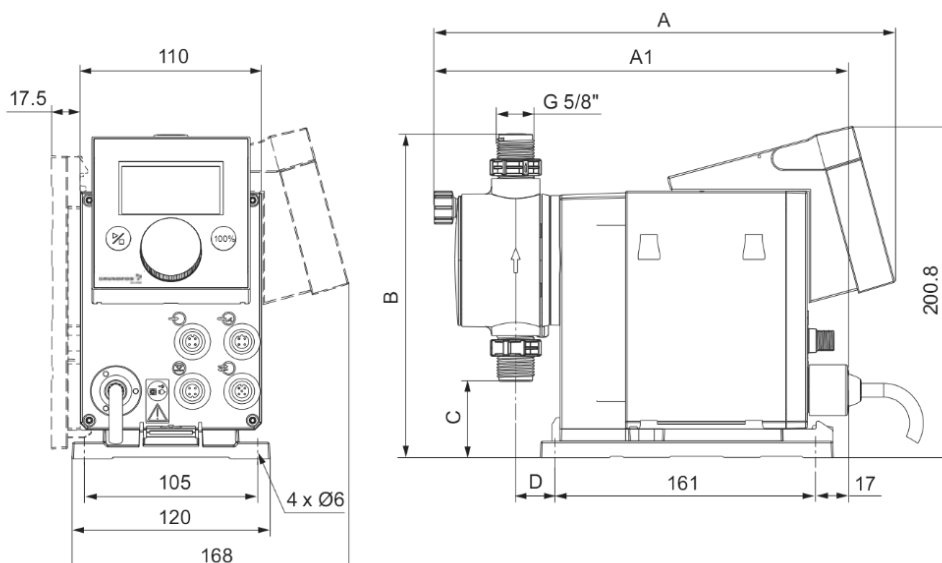


### Applications

- Food and beverage industry
- Water and wastewater treatment
- Process water
- Ultrafiltration and reverse osmosis
- Pulp and paper industry

### Dimensions

DDC	6-10	9-7	15-4
A (mm)	280		
A1 (mm)	251		
B (mm)	196	200.5	
C (mm)	46.5	39.5	
D (mm)	24		





## Technical Specifications

<b>Mechanical Data</b>	<b>DDC</b>	<b>6-10</b>	<b>9-7</b>	<b>15-4</b>
Turndown Ratio		1000		
Max. Dosing Flow (l/h)		6	9	15
Min. Dosing Flow (l/h)		0.0060	0.0090	0.0150
Max. Operating Pressure (bar)		10	7	4
Repeatability (%)		±1		
Max. Suction Lift (m)		6		
Max. Suction Lift when Priming with Wet Valves (m)		2		3
Max. Viscosity (without Spring-loaded Valves) (mPa.s)		50		300
Max. Viscosity (SlowMode 25%, Spring-loaded Valves) (mPa.s)		2500	2000	
Media Temperature (°C)		-10 to 45		
Ambient Temperature (°C)		6		
Storage Temperature (°C)		-20 to 70		
<b>Electrical Data</b>	<b>DDC</b>	<b>6-10</b>	<b>9-7</b>	<b>15-4</b>
Voltage (V)		100-240V, 50-60Hz		
Inrush Current @ 100V (A)		8		
Inrush Current @ 230V (A)		25		
Max. Power Consumption (W)		22		
Enclosure Class		IP65, Nema 4X		
<b>Weight/Size</b>	<b>DDC</b>	<b>6-10</b>	<b>9-7</b>	<b>15-4</b>
Weight (PVC, PP, PVDF) (kg)		2.4		
Weight (Stainless Steel) (kg)		3.2		
Diaphragm Diameter (mm)		44		50
<b>Approvals</b>	<b>DDC</b>	<b>6-10</b>	<b>9-7</b>	<b>15-4</b>
		CE; CB; CSA-US; NSF61; EAC; C-Tick		

## Ordering

Astles Control Systems are distributors for the entire range of Grundfos dosing pumps. Please send us an email or give us a call with your application details. We will be able to advise the best pump for your application together with price and delivery information.

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