

# ECO<sup>®</sup> Blue

Economically efficient

Capacity 2 - 15 l/h

Counterpressure up to 10 bar

Easy to operate

Leakage-free

Can be used worldwide



# Solenoid diaphragm pumps for micro dosing tasks

## sera solenoid diaphragm pump EcoBlue®

The EcoBlue® by **sera** solves dosing tasks economical and impresses with the usual quality, reliability and very low cost.

### Application

The EcoBlue® series has a performance range from 2 to 15 l/h at up to 10 bar. The compact design allows a simple solution for manual START/STOP or pulse mode proportional dosing to the flow.

### Examples of applications

- Drinking water treatment
- Waste water treatment
- Chlorine based drinking water treatment
- Pool equipment
- Agriculture
- etc.

### Advantages at a glance

- High dosing accuracy
- Long service life of diaphragms
- High-quality materials
- Linear control characteristic
- Low maintenance
- Low operating expenses
- Leakage-free
- Unlimitedly safe to run dry
- Easy to operate
- Low weight

ECO<sup>®</sup>  
Blue



## Material

The high quality of the materials ensures continuous and reliable operation. We have the optimum material for each requirement.

## Pumpbody and valves

- PP-FRP
- PVC

## Valve balls

- PTFE

## Valve seals

- EPDM (at PP-FRP)
- FPM (at PVC)

## Working diaphragm

- PTFE-covered

## Manual vent valve

- PP-FRP



## Accessories

(included in scope of delivery)

- Dosing-Set
  - Foot valve
  - Dosing valve
  - Hose connections (4x)
  - Dosing hose (7m)



## Options

- Pulse input
- Level input



## Pump data

Type	Maximum permissible pressure at the pump outlet $P_{2 \text{ max.}}$ bar	Nominal capacity <sup>(1)</sup> $Q_N$ at $P_{2 \text{ max.}}$		Suction height max. mWC	Permissible pressure at the pump inlet min./max. bar	Recommended nominal diameter of the connecting pipes DN	Nominal stroke frequency 50 Hz/60 Hz 1/min	Weight approx kg
		50 Hz/60Hz l/h	ml/stroke					
EcoBlue® 2	10	2	0,17	3	-0,3/0	5	190	1,6
EcoBlue® 4	8	4	0,35	3	-0,3/0	5	190	1,6
EcoBlue® 10	2,5	10	0,88	3	-0,3/0	5	190	1,6
EcoBlue® 15	1,5	15	1,3	3	-0,3/0	5	190	1,6

## Electrical connecting data

Type	Power consumption W	Frequency Hz	Voltage		Rated current (50 Hz/60 Hz)		Degree of Protection IP	Recommended fuse
			50 Hz/60 Hz V ~ 1		230 V	115 V		
					A	A		
EcoBlue®	< 29	50/60	110 - 240V		1,5	3,0	65	C6A

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