

# Filling valve, mechanically adjustable, series AS2-SSV

- adjustable filling time and change-over pressure
- Compressed air connection G 1/4



Version	Poppet valve, Can be assembled into blocks
Sealing principle	Soft sealing
Working pressure min./max.	2,5 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	40 µm
Weight	0,203 kg

## Technical data

Part No.	Port	Exhaust	Flow
			Qn
R412006245	G 1/4	G 3/8	2000 l/min
R412006246	G 3/8	G 3/8	2000 l/min

## Technical information

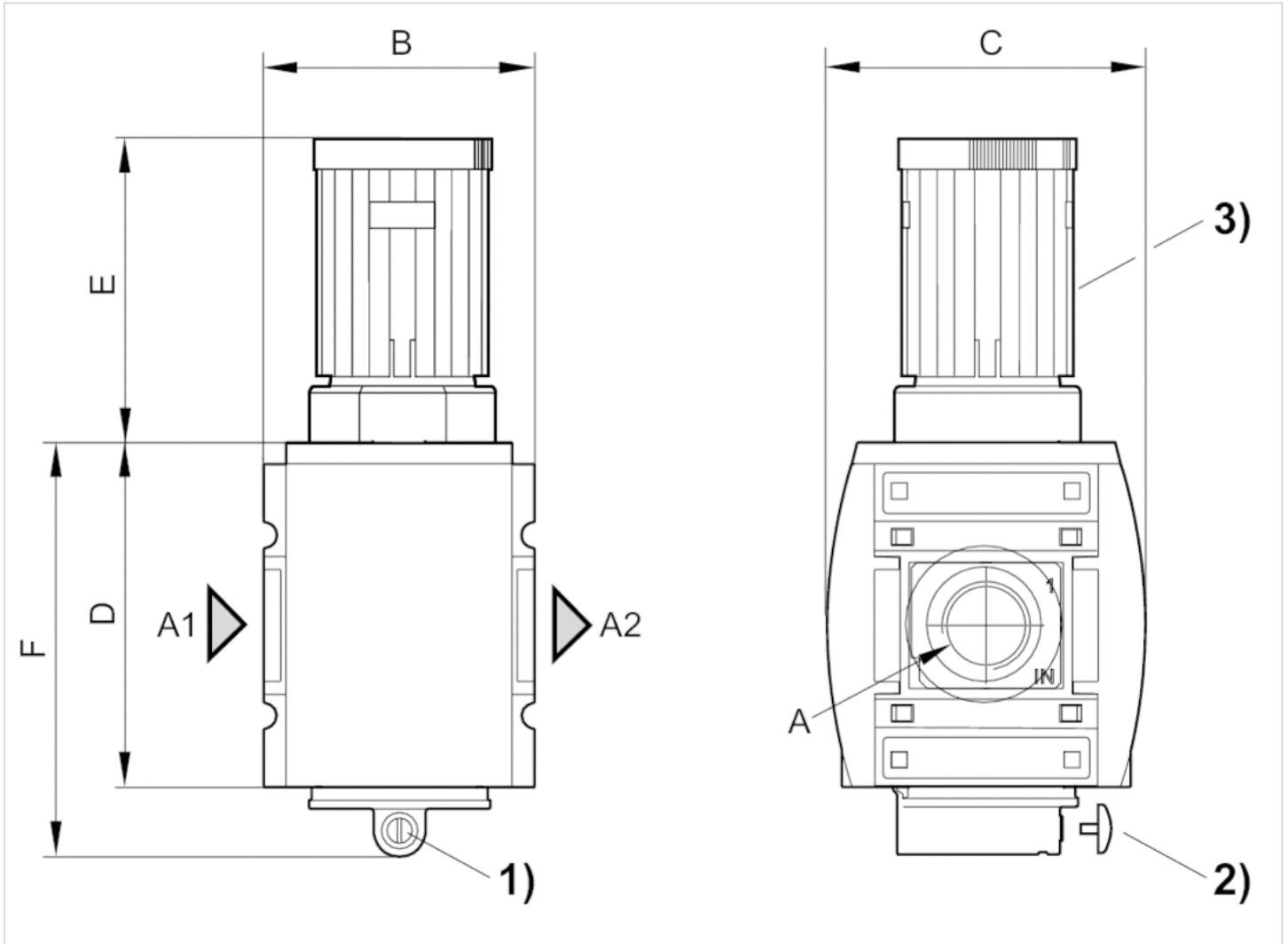
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

## Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

## Dimensions

### Dimensions



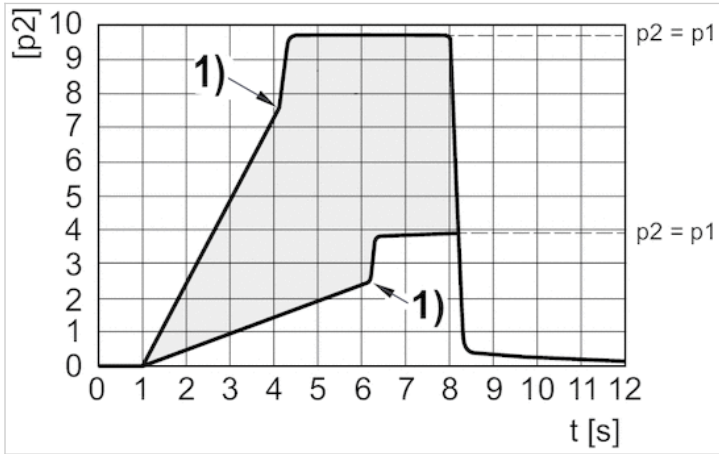
- A1 = input  
A2 = output  
1) Adjustment screw for filling time  
2) Adjustment screw lock  
3) handwheel for change-over pressure

### Dimensions in mm

A1	A2	B	C	D	E	F
G 1/4	G 1/4	52	59	65	57.9	79
G 3/8	G 3/8	52	59	65	57.9	79

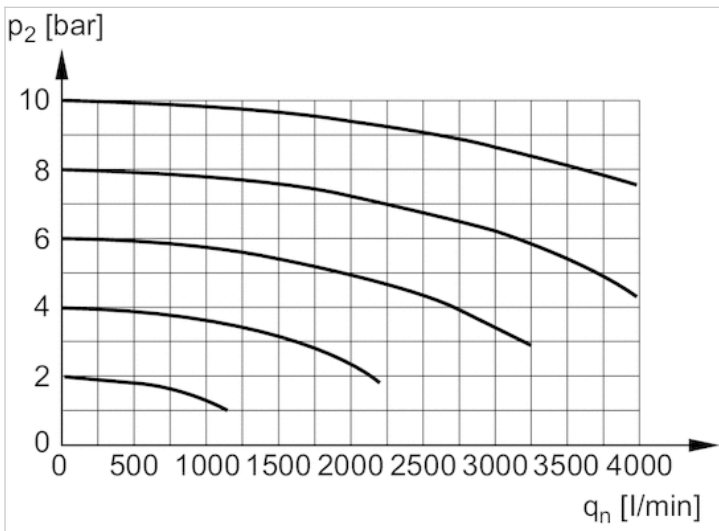
## Diagrams

### Secondary pressure while filling



- p1 = working pressure
- p2 = secondary pressure
- t = filling time, adjustable via adjustment screw (throttle)
- Change-over pressure individually adjustable via handwheel
- 1) Switching point: adjustable filling time and change-over pressure

### Flow rate characteristic



- p2 = secondary pressure
- qn = nominal flow