

Filling valve, mechanically adjustable, series AS3-SSV

- adjustable filling time and change-over pressure
- Compressed air connection G 3/8



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	0,43 kg

Technical data

Part No.	Port	Pilot connection	Flow
			Qn
R412007245	G 3/8	G 3/8	4500 l/min
R412007246	G 1/2	G 3/8	4500 l/min

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

Builds up pressure slowly in the pneumatic systems, i.e. prevents a sudden pressure build-up during a restart after a mains pressure failure or avoids emergency OFF switching. This also avoids dangerous, jerky cylinder movements.

adjustable filling time and change-over pressure

Do not position filling valves or filling units upstream of open consumers, such as nozzles, air barriers, air curtains, since these may prevent through connection of components.

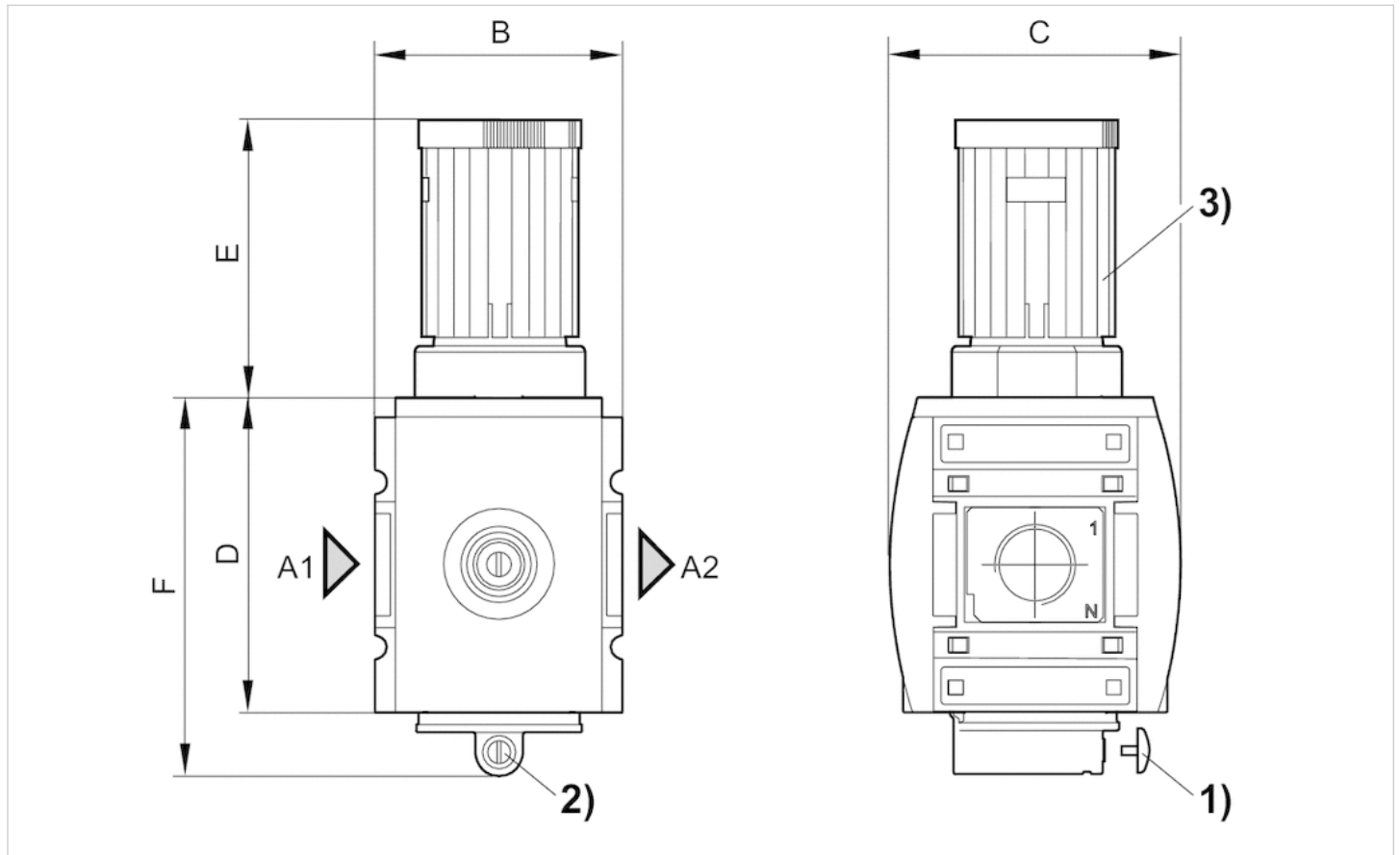
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

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

Dimensions

Dimensions



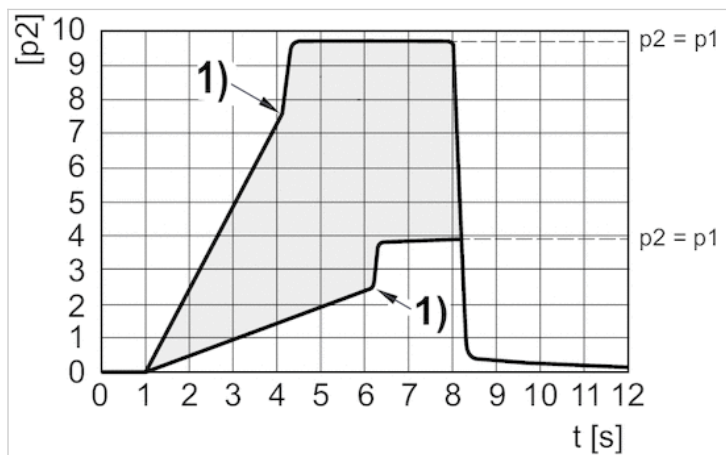
- A1 = input A2 = output
- 1) Adjustment screw lock
- 2) Adjustment screw for filling time
- 3) hand wheel for change-over pressure, lockable

Dimensions in mm

A1	A2	B	C	D	E	F
G 3/8	G 3/8	63	74	80	63.5	96
G 1/2	G 1/2	63	74	80	63.5	96

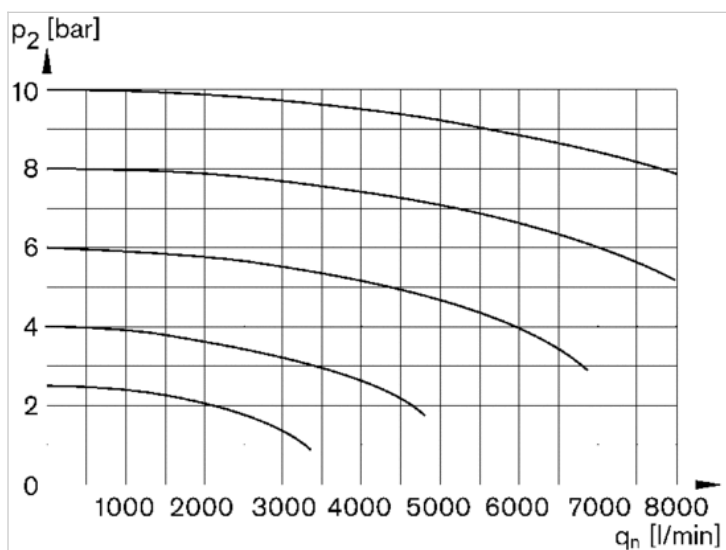
Diagrams

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