

Preparation of compressed air ► Maintenance units and components

Filling valve, pneumatically operated, Series AS2-SSV

► G 1/4 - G 3/8 ► suitable for ATEX



00119380

Version	Poppet valve, Can be assembled into blocks
Working pressure min./max.	3 bar / 16 bar
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10°C / +50°C
Ambient temperature min./max.	-10°C / +50°C
Sealing principle	Soft sealing
Max. particle size	40 µm
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc

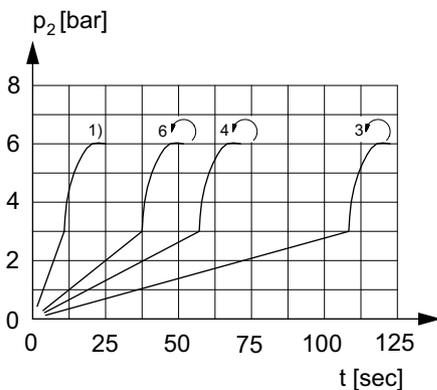
Technical Remarks

- 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.
- 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.

	Port	Qn [l/min]	Weight [kg]	Note	Part No.
	G 1/4	2000	0.203	-	R412006272
	G 1/4			1)	R412006275
	G 3/8			-	R412006273

1) With adjustment screw lock
Nominal flow Qn with secondary pressure p₂ = 6 bar at Δp = 1 bar

Secondary pressure while filling



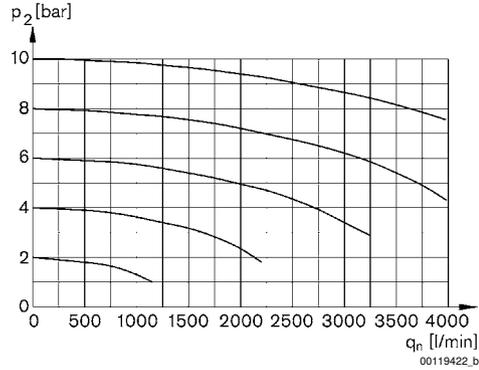
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adjustable filling
1) Fully opened
p₂ = secondary pressure
t = fill time

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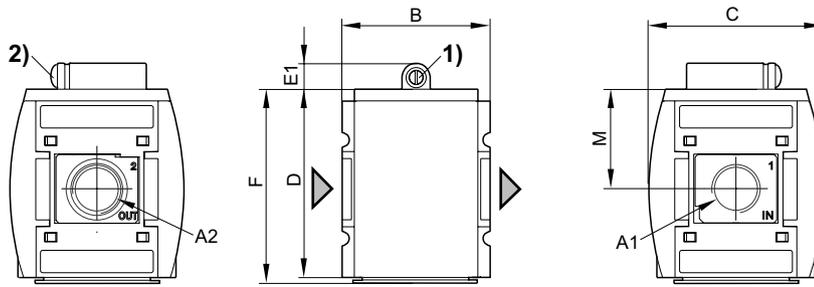
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Flow rate characteristic



p₂ = secondary pressure
q_n = nominal flow

Dimensions



A1 = input
A2 = output
1) Adjustment screw for filling time
2) Adjustment screw lock

00127661

A1	A2	B	C	D	E1	F	M						
G 1/4	G 1/4	52	59	65	11	67	34						
G 3/8	G 3/8	52	59	65	11	67	34						