Preparation of compressed air → Supplementary products

Filling valve, pneumatically operated, Series AS5-SSV

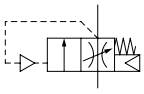
► 3/4 NPTF - 1 NPTF

00128862

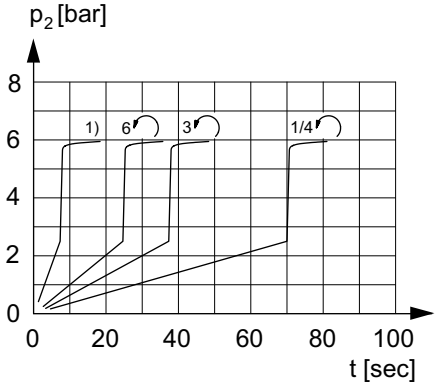
Version	Poppet valve, Can be assembled into blocks
Working pressure min./max.	2.5 bar / 16 bar
Medium	Compressed air
Medium temperature min./max.	-10°C / +50°C
Ambient temperature min./max.	-10°C / +50°C
Sealing principle	soft sealing
Max. particle size	5 µm
Materials:	
Housing	Polyamide
Front plate	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.
- These pneumatic components with NPTF or inch thread dimensions are only available from our US sales organization

	Port	Qn	Weight	Part No.
		[l/min]	[kg]	
	3/4 NPTF 1 NPTF	10000	0.43	R432002909 R432002910
Nominal flow with secondary pressure 6,3 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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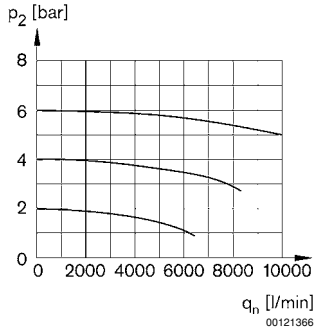
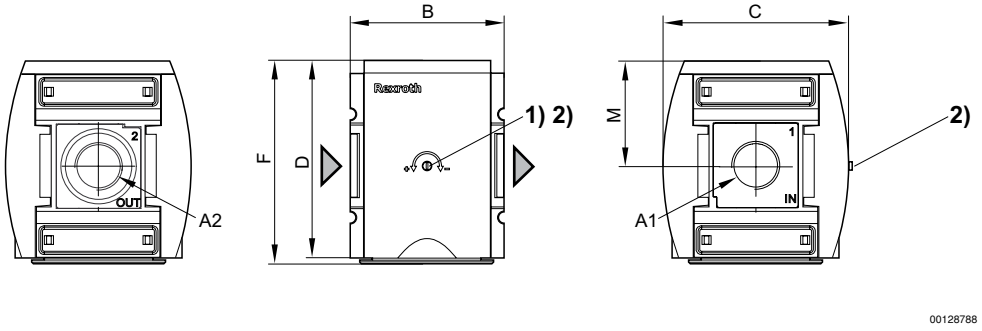
Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

Dimensions in inches



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

Dimensions in inches

A1	A2	B	C	D	F	M							
3/4 NPTF	3/4 NPT	3.35	4.06	4.29	4.41	2.28							
1 NPTF	1 NPT	3.35	4.06	4.29	4.41	2.28							