

Preparation of compressed air → Maintenance units and components

Filter, Series AS2-FLS

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► ATEX certified



00119385

ATEX	II 2G2D T4 X
Version	Standard filter, Can be assembled into blocks
Mounting orientation	vertical
Working pressure min./max.	See table below
Medium	Compressed air
Medium temperature min./max.	-10 °C / +50 °C
Ambient temperature min./max.	-10 °C / +50 °C
Filter reservoir volume	28 cm ³
Filter element	exchangeable
filter porosity	5 µm
Condensate drain	See table below
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc
Filter insert	Polyethylene

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Max. residual oil content acc. to ISO 8573-4 at the outlet: 5 mg/m³

	Port	Qn	Working pressure min./max.	Condensate drain	Reservoir	Protective guard	Weight	Part No.
		[l/min]					[kg]	
	G 1/4	2100	1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.212	R412006000
	G 1/4		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.255	R412006001
	G 1/4		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.255	R412006002
	G 1/4		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.443	R412006006
	G 1/4		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.52	R412006007
	G 1/4		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.53	R412006008
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Polycarbonate	Polyamide	0.212	R412006009
	G 3/8		1.5 / 16	fully automatic, open without pressure	Polycarbonate	Polyamide	0.255	R412006010
	G 3/8		0 / 16	fully automatic, closed without pressure	Polycarbonate	Polyamide	0.255	R412006011
	G 3/8		1.5 / 16	semi-automatic, open without pressure	Die cast zinc with window	-	0.43	R412006015
	G 3/8		1.5 / 16	fully automatic, open without pressure	Die cast zinc with window	-	0.52	R412006016
	G 3/8		0 / 16	fully automatic, closed without pressure	Die cast zinc with window	-	0.51	R412006017
	G 1/4		0 / 16	-	Polycarbonate	Polyamide	0.212	R412006090

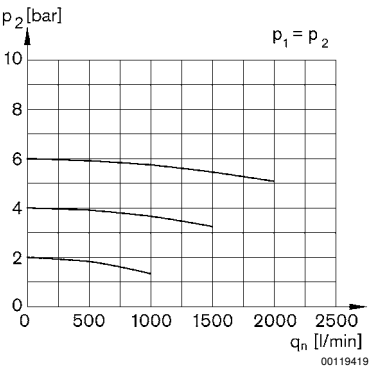
Nominal flow Qn at p₁ = 6.3 bar and Δp = 1 bar

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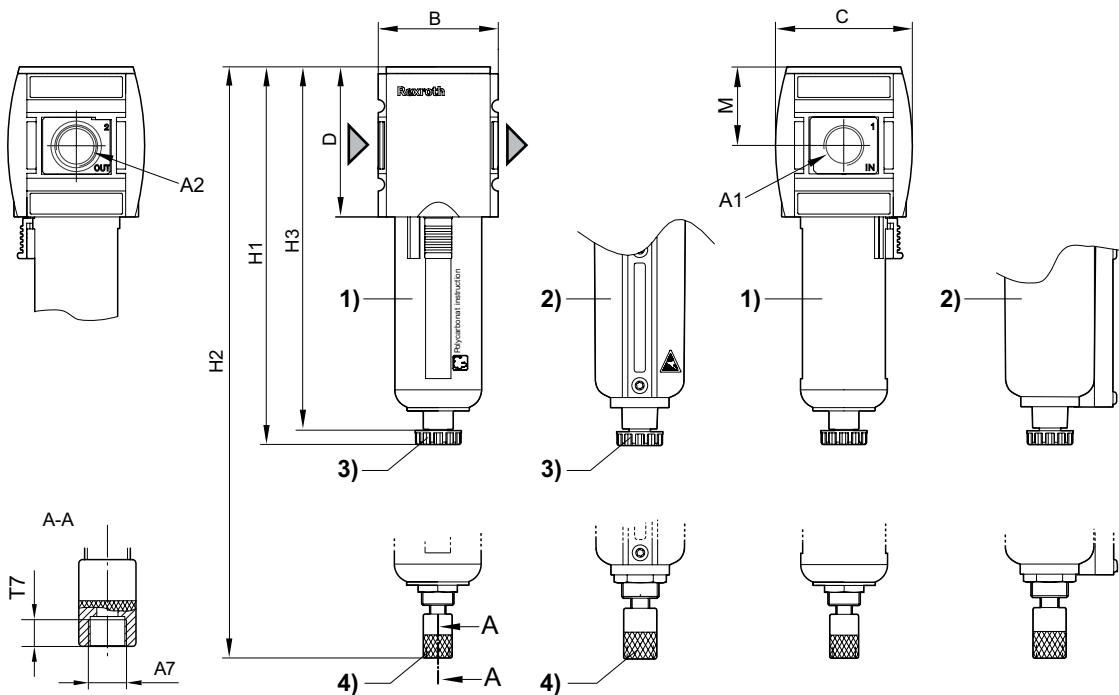
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Flow rate characteristic



p1 = Working pressure
p2 = Secondary pressure
qn = Nominal flow

Dimensions



- A1 = input
A2 = output
1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain

Part No.	A1	A2	A7	B	C	D	H1	H2	H3	M	T7	
R412006000	G 1/4	G 1/4	G 1/8	52	59	65	163.5	-	-	34	8.5	
R412006001	G 1/4	G 1/4	G 1/8	52	59	65	-	180.5	-	34	8.5	
R412006002	G 1/4	G 1/4	G 1/8	52	59	65	-	180.5	-	34	8.5	

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R412006006	G 1/4	G 1/4	G 1/8	52	59	65	163.5	-	-	34	8.5
R412006007	G 1/4	G 1/4	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006008	G 1/4	G 1/4	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006009	G 3/8	G 3/8	G 1/8	52	59	65	163.5	-	-	34	8.5
R412006010	G 3/8	G 3/8	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006011	G 3/8	G 3/8	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006015	G 3/8	G 3/8	G 1/8	52	59	65	163.5	-	-	34	8.5
R412006016	G 3/8	G 3/8	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006017	G 3/8	G 3/8	G 1/8	52	59	65	-	180.5	-	34	8.5
R412006090	G 1/4	G 1/4	G 1/8	52	59	65	-	-	157	34	8.5