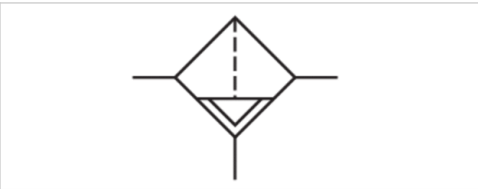


Microfilter, Series NL6-FLC

- G 3/4 G 1
- filter porosity 0,01 µm
- suitable for ATEX



Type	Microfilter, Can be assembled into blocks
Parts	Microfilter
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	1,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	150 cm³
Filter element	exchangeable
filter porosity	0,01 µm
Condensate drain	fully automatic, open without pressure
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Weight
0821303819	G 3/4	2600 l/min	1,66 kg
0821303814	G 1	4200 l/min	1,97 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 0.1 bar

Suitable for use in Ex zones 1, 2, 21, 22., Differential pressure gauge can be retrofitted to monitor the filter

Technical information

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

Suitable for use in Ex zones 1, 2, 21, 22.

Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer 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.

Reservoir: metal, with bayonet catch

Recommended pre-filtering 0,3 µm

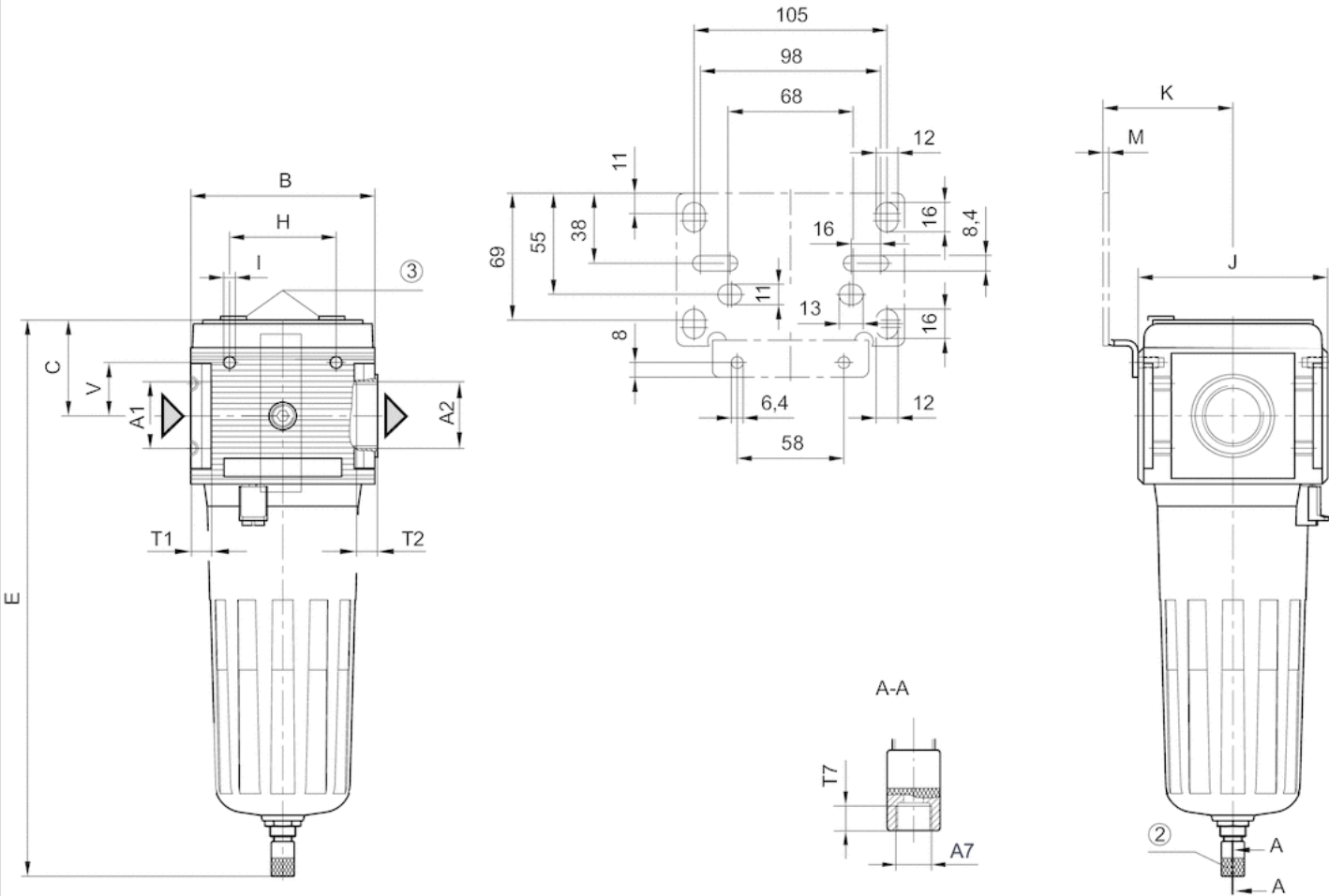
Max. achievable compressed air class acc. to ISO 8573-1:2010 1 : - : 2

Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Die cast zinc
Filter insert	Borosilicate glass fiber

Dimensions

Dimensions



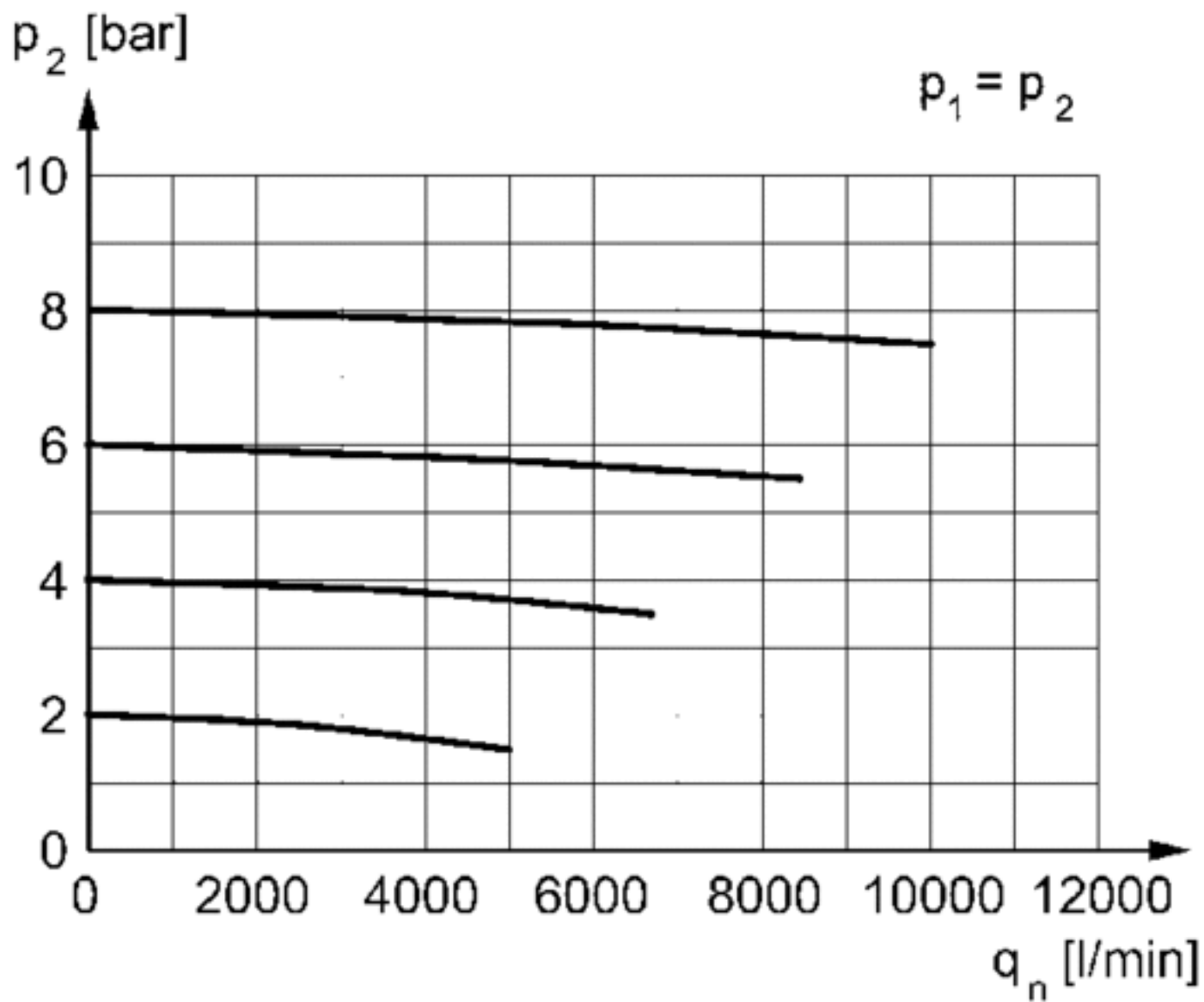
- A1 = input
- A2 = output
- A7 = condensate drain
- 1) Fully automatic condensate drain
- 2) Differential pressure gauge connection

Dimensions in mm

A1	A2	A7	B	C	E	H	I	J	K	M	T1	T2	T7	V
G 3/4	G 3/4	G 1/8	100	54	307	58	M6	103	70.5	3	16	16	8.5	29
G 1	G 1	G 1/8	100	54	407	58	M6	103	70.5	3	16	16	8.5	29

Diagrams

Flow rate characteristic



p_2 = secondary pressure
 q_n = nominal flow

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