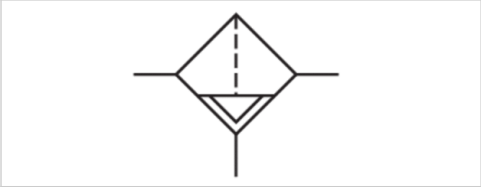
Filter, Series NL6-FLS

- G 1
- filter porosity 8 µm
- suitable for ATEX



Type	Standard filter, Can be assembled into blocks
Parts	Filter
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	125 cm³
Filter element	exchangeable
filter porosity	8 µm
Condensate drain	fully automatic, open without pressure
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Version	Weight
0821303820	G 1	7200 l/min	reservoir, polycarbonate, without protective guard	1,97 kg
0821303821	G 1	7200 l/min	reservoir, polycarbonate, with metal protective guard	1,99 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22., Metal protective guard can be retrofitted for all polycarbonate reservoirs

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.
Mounting with mounting bracket 1821336017.
Also suitable for separation of fluid oil or water due to the design.

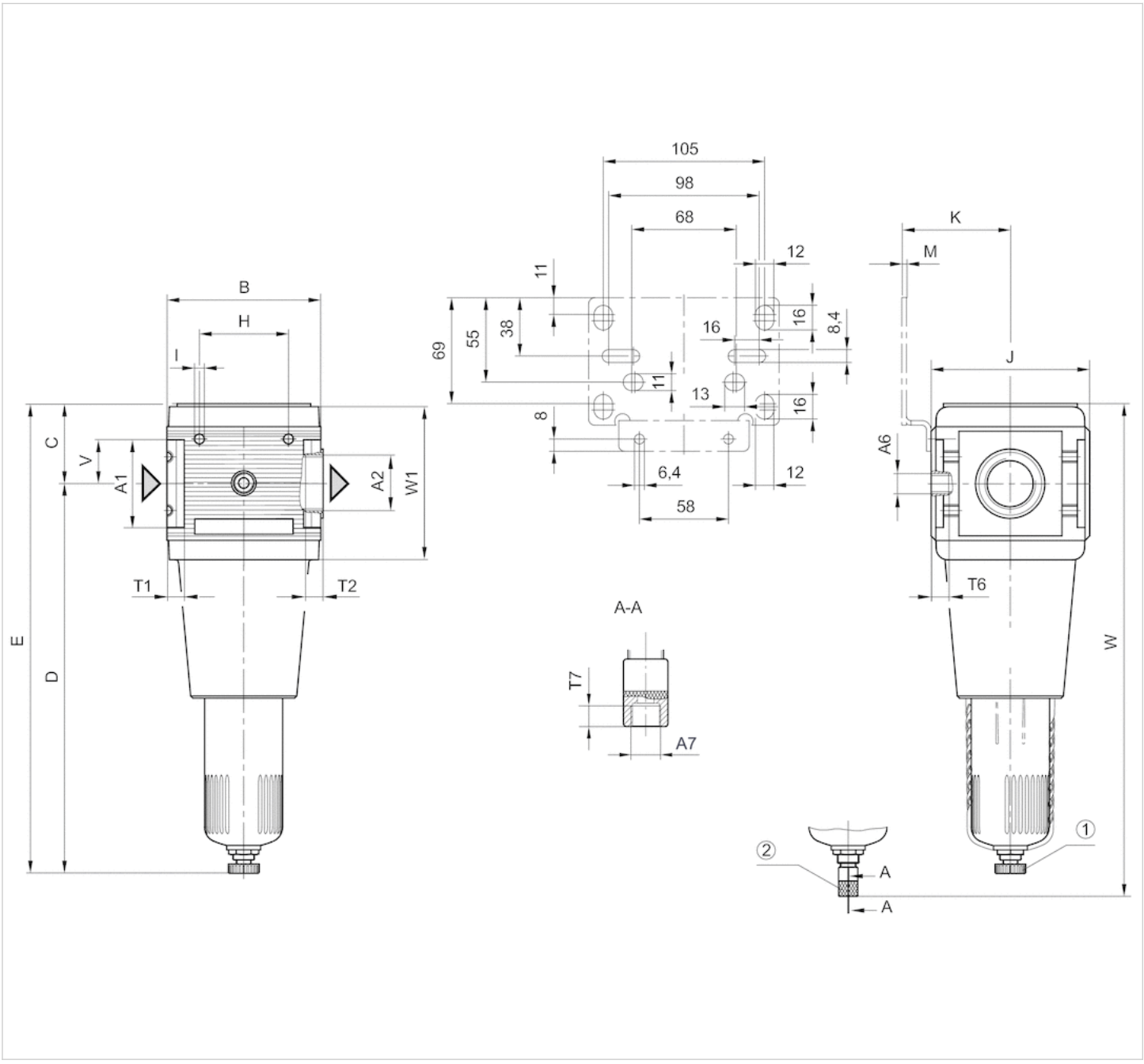
Max. achievable compressed air class acc. to ISO 8573-1:2010 6 : 7 : -

Technical information

Material	
Housing	Die-cast aluminum
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate
Protective guard	Steel
Filter insert	Polyethylene

Dimensions

Dimensions



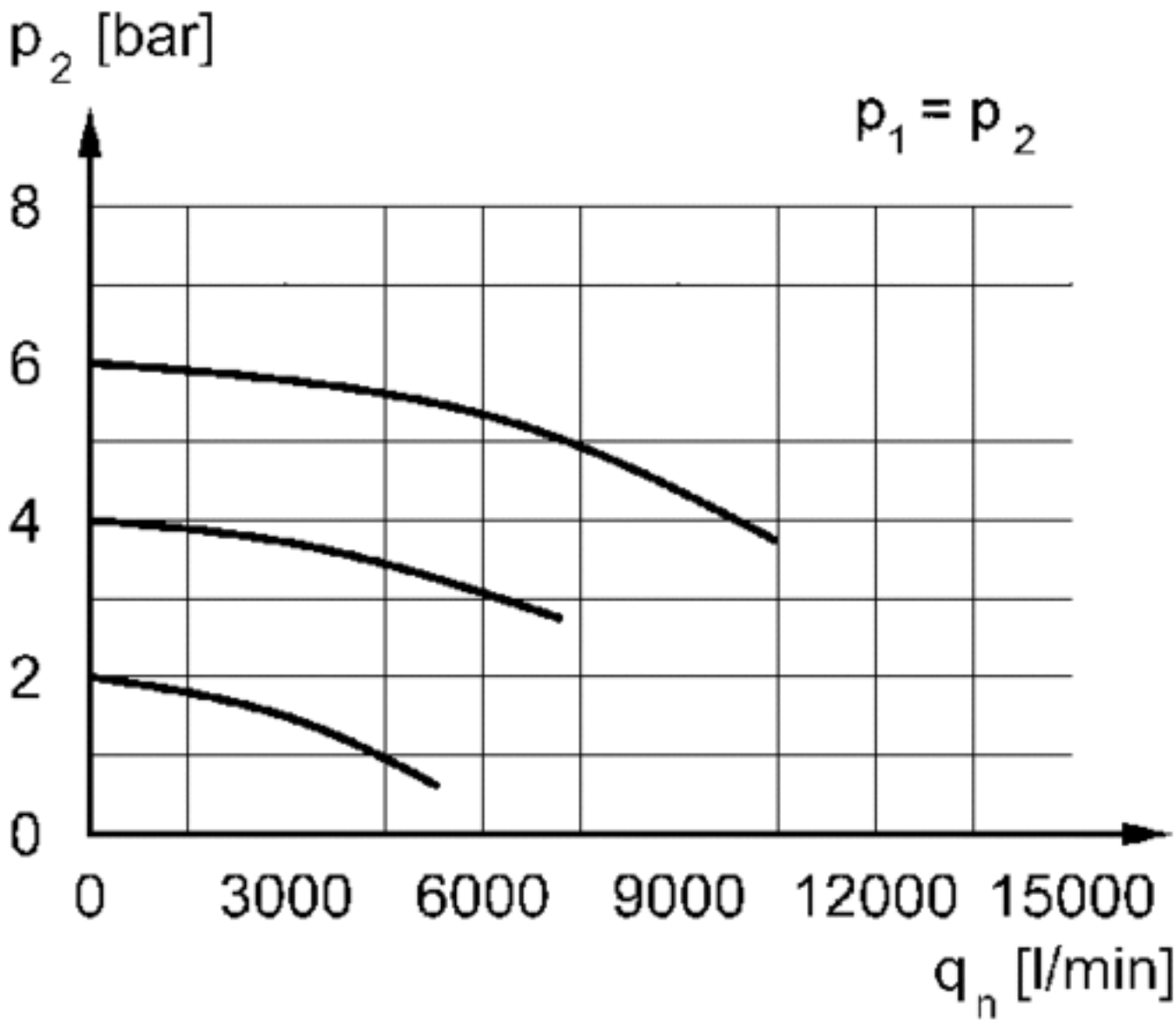
A1 = input
A2 = output
A6 = output
A7 = condensate drain
1) Semi-automatic condensate drain
2) fully automatic condensate drain

Dimensions in mm

A1	A2	A6	A7	B	C	D	E	H	I	J	K	M	T1	T2	T6	T7	V	W	W1
G 1	G 1	G 1/4	G 1/8	100	52	254	306	58	M6	103	70.5	3	18	18	7	8.5	29	321	101.5

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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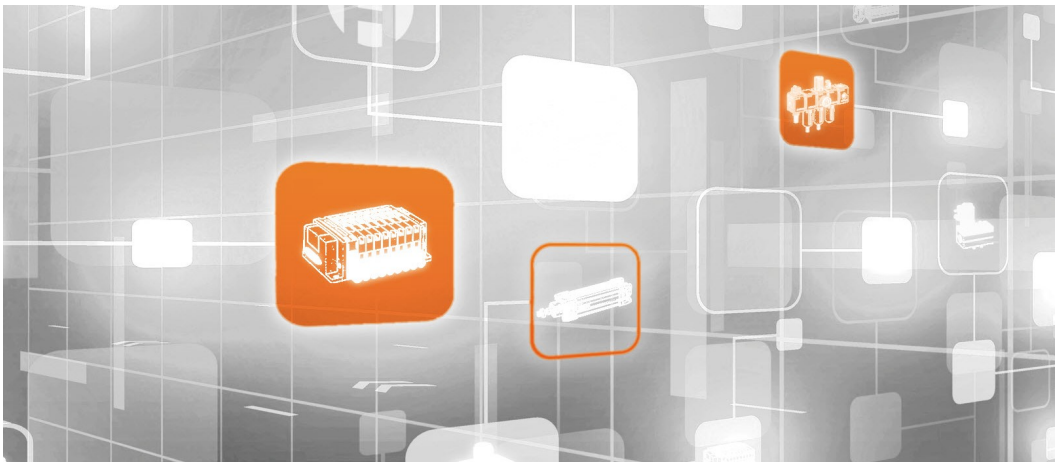

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