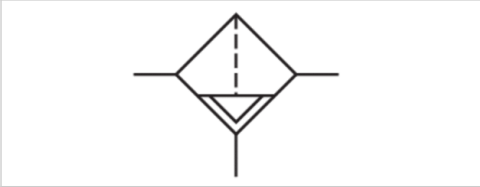
Pre-filter, Series NL6-FLP

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



Type	Pre-filter, Can be assembled into blocks
Parts	Pre-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	150 cm³
Filter element	exchangeable
filter porosity	0,3 µm
Condensate drain	fully automatic, open without pressure
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Weight
0821303818	G 3/4	1600 l/min	1,66 kg
0821303816	G 1	1600 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., Dust separation = 99.99%, 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.
Mounting: mounting bracket 1821336017 / block assembly kit 1827009593

Recommended pre-filtering 8 µm

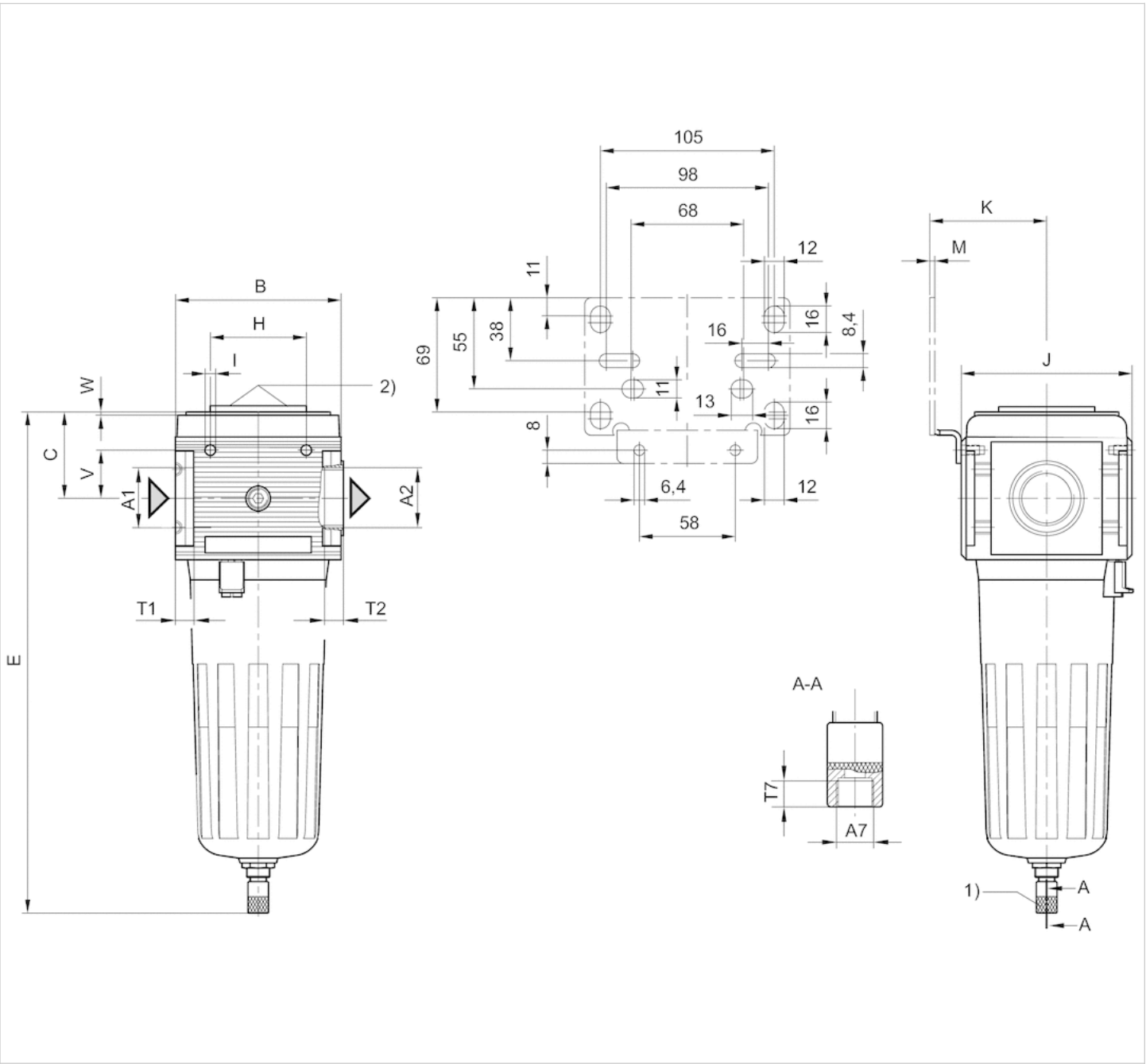
Max. achievable compressed air class acc. to ISO 8573-1:2010 2 : - : 3

Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Die cast zinc
Filter insert	Impregnated paper

Dimensions

Dimensions



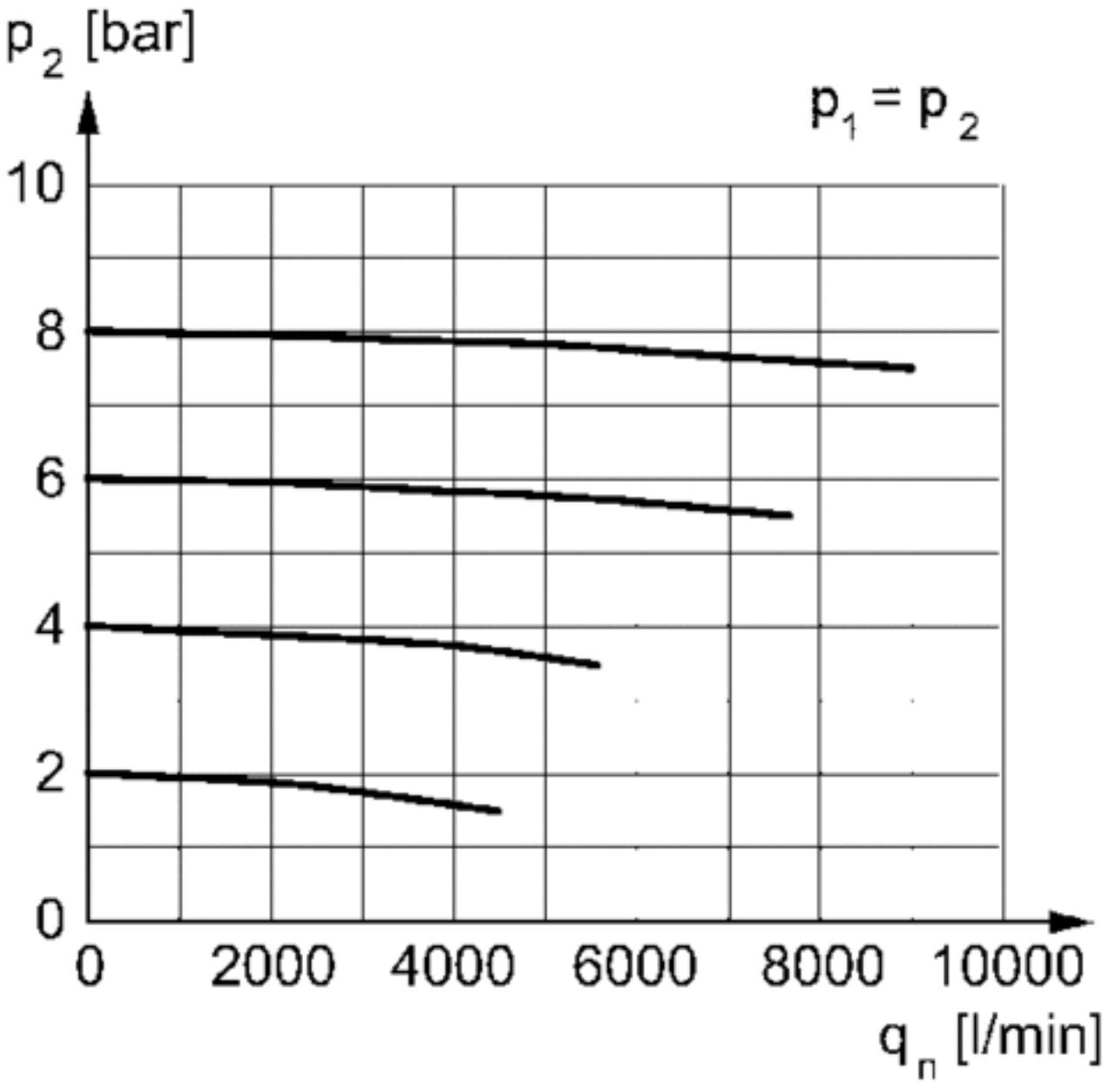
A1 = input
A2 = output
A7 = condensate drain
1) Fully automatic condensate drain
2) Differential pressure gauge connection

Dimensions in mm

A1	A2	A7	B	C	E	H	I	J	K	M	T1	T2	T7	V	W
G 3/4	G 3/4	G 1/8	100	52	301	58	M6	103	70.5	3	16	16	8.5	29	5
G 1	G 1	G 1/8	100	52	401	58	M6	103	70.5	3	16	16	8.5	29	5

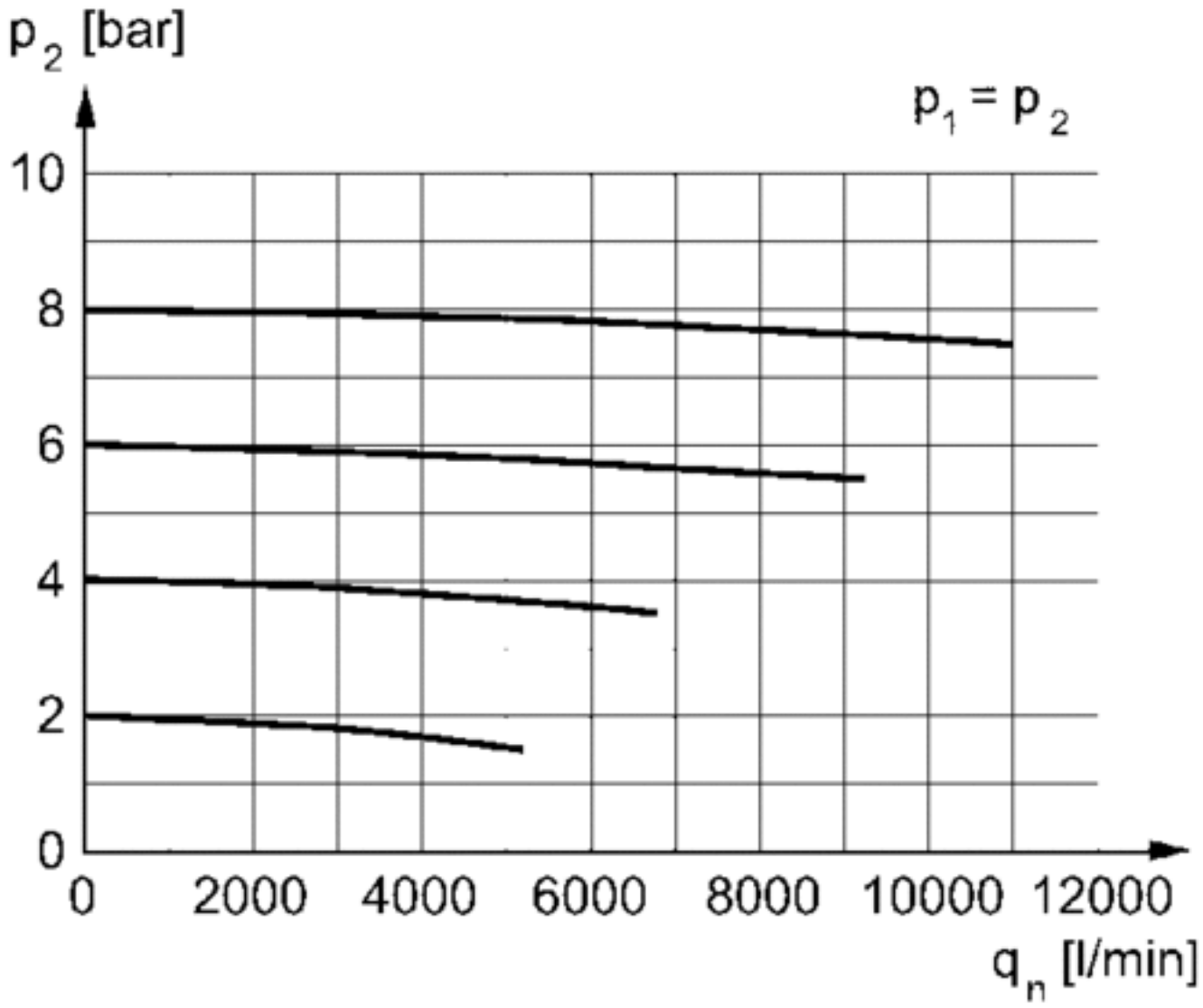
Diagrams

Flow rate characteristic, 0821303818



p2 = secondary pressure
qn = nominal flow

Flow rate characteristic, 0821303816



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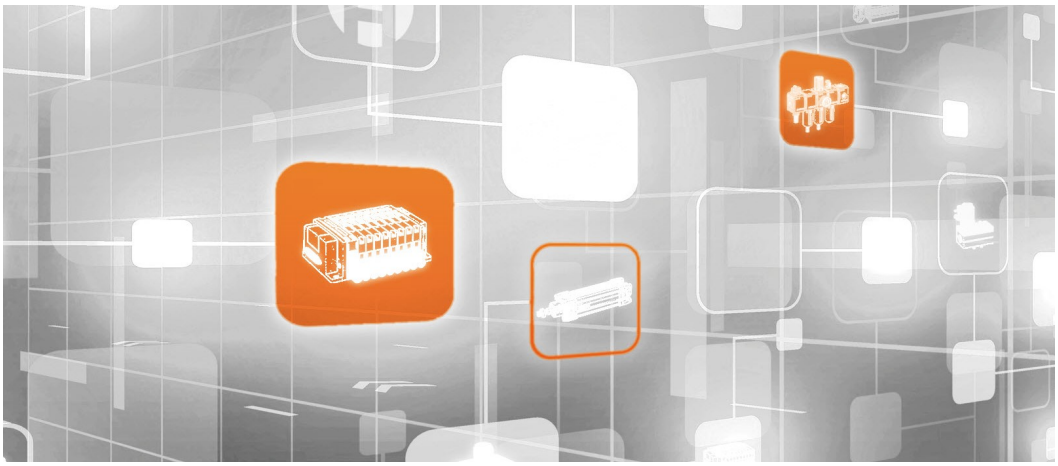

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