Filter, Series NL6-FLS

- G 3/4 G 1
- filter porosity 40 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.	See table below
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	40 µm
Condensate drain	See table below
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Working pressure min./max.	Condensate drain
0821303801	G 3/4	7200 l/min	1,5 ... 16 bar	semi-automatic, open without pressure
0821303802	G 3/4	7200 l/min	1,5 ... 16 bar	semi-automatic, open without pressure
0821303803	G 3/4	7200 l/min	1,5 ... 20 bar	semi-automatic, open without pressure
0821303804	G 3/4	7200 l/min	1,5 ... 16 bar	fully automatic, open without pressure
0821303805	G 3/4	7200 l/min	1,5 ... 16 bar	fully automatic, open without pressure
0821303806	G 3/4	7200 l/min	1,5 ... 20 bar	fully automatic, open without pressure
0821303807	G 1	7200 l/min	1,5 ... 16 bar	semi-automatic, open without pressure
0821303808	G 1	7200 l/min	1,5 ... 16 bar	semi-automatic, open without pressure
0821303809	G 1	7200 l/min	1,5 ... 20 bar	semi-automatic, open without pressure
0821303810	G 1	7200 l/min	1,5 ... 16 bar	fully automatic, open without pressure
0821303811	G 1	7200 l/min	1,5 ... 16 bar	fully automatic, open without pressure
0821303812	G 1	7200 l/min	1,5 ... 20 bar	fully automatic, open without pressure

Part No.	Version	Weight
0821303801	reservoir, polycarbonate, without protective guard	1,65 kg
0821303802	reservoir, polycarbonate, with metal protective guard	1,75 kg
0821303803	reservoir, metal, with inspection glass	1,95 kg
0821303804	reservoir, polycarbonate, without protective guard	1,68 kg
0821303805	reservoir, polycarbonate, with metal protective guard	1,78 kg
0821303806	reservoir, metal, with inspection glass	1,98 kg
0821303807	reservoir, polycarbonate, without protective guard	1,65 kg

Part No.	Version	Weight
0821303808	reservoir, polycarbonate, with metal protective guard	1,75 kg
0821303809	reservoir, metal, with inspection glass	1,95 kg
0821303810	reservoir, polycarbonate, without protective guard	1,68 kg
0821303811	reservoir, polycarbonate, with metal protective guard	1,78 kg
0821303812	reservoir, metal, with inspection glass	1,98 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.

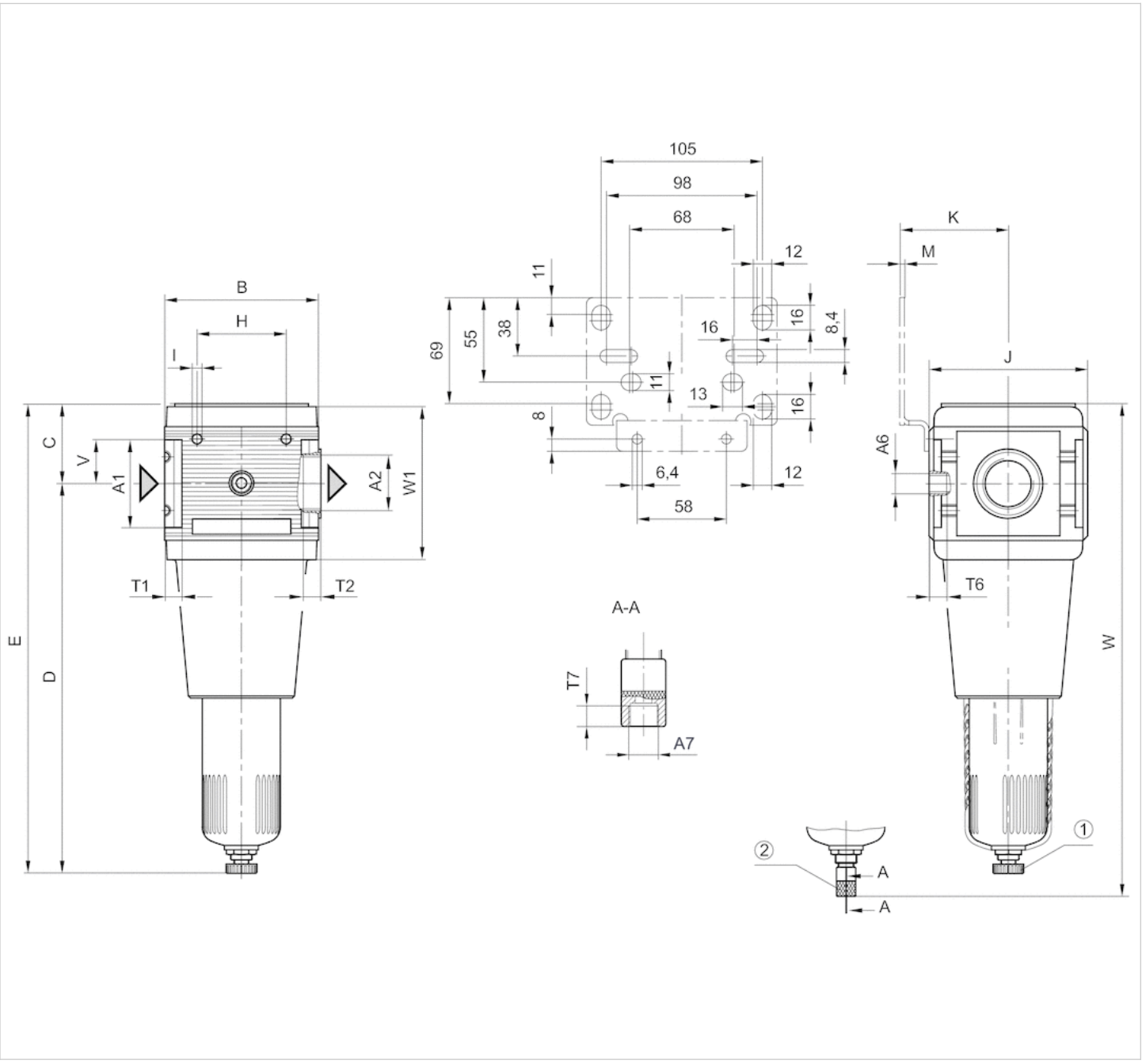
Max. achievable compressed air class acc. to ISO 8573-1:2010 7 : 7 : -

Technical information

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

Dimensions

Dimensions



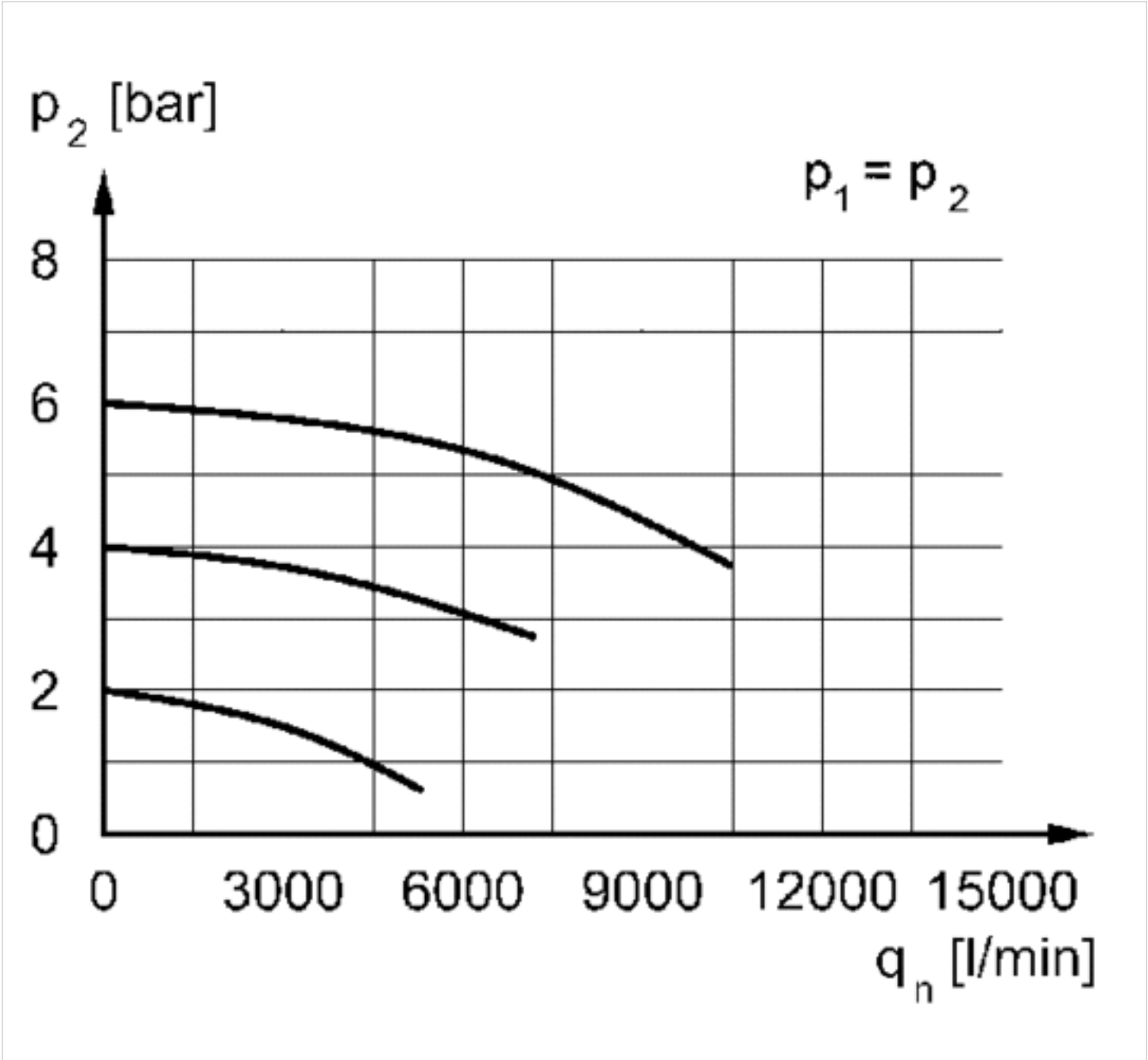
A1 = input
A2 = output
A6 = output
A7 = condensate drain
1) Semi-automatic condensate drain
2) fully automatic condensate drain

Dimensions in mm

A1	A2	A6	A7	B	C	D	E	H	I	J	K	M	T1	T2	T6	T7	V	W	W1
G 3/4	G 3/4	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
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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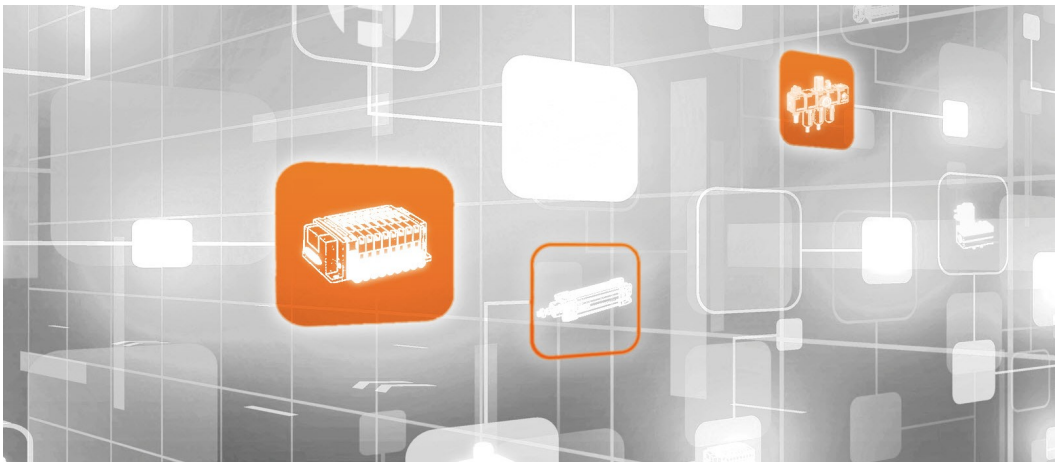

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