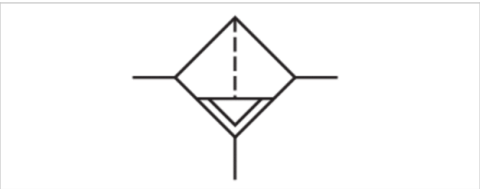
Active carbon filter, Series NL4-FLA

- G 1/4 G 1/2



Type	Active carbon filter, Can be assembled into blocks
Parts	Active carbon filter
Mounting orientation	vertical
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	50 cm³
Filter element	exchangeable
Condensate drain	without
Weight	See table below

Technical data

Part No.	Port	Flow Qn	Version	Weight	
0821303300	G 1/4	2250 l/min	Metal reservoir without window	0,836 kg	1)
0821303301	G 1/4	2250 l/min	reservoir, metal, long, without inspection glass	0,836 kg	1)
0821303517	G 1/2	2250 l/min	reservoir, metal, long, without inspection glass	1,58 kg	2)

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

1) Metal protective guard can be retrofitted for all polycarbonate reservoirs

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

Technical information

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

Recommended pre-filtering 0,01 µm

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

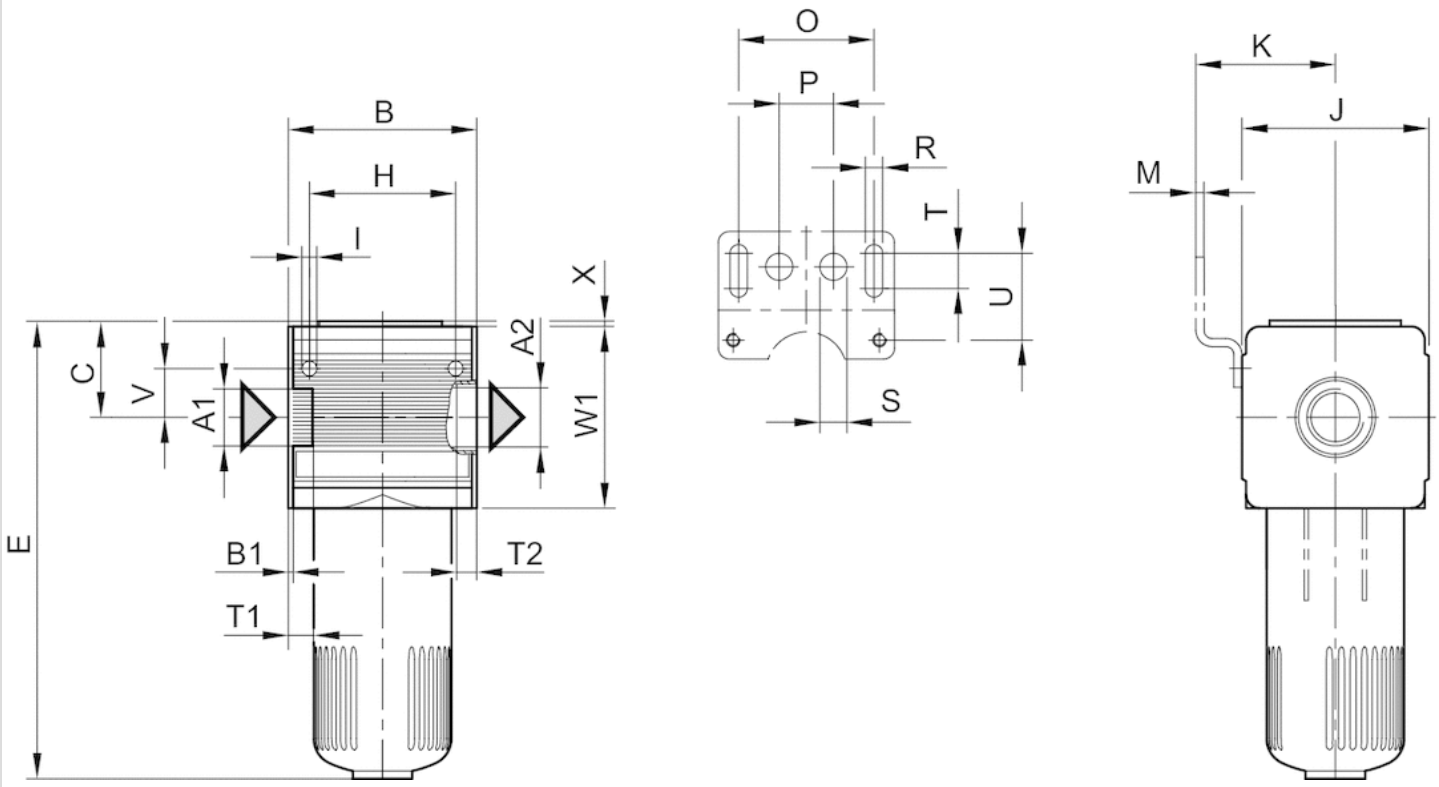
Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene

Material	
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate Die cast zinc
Filter insert	Active carbon

Dimensions

Dimensions



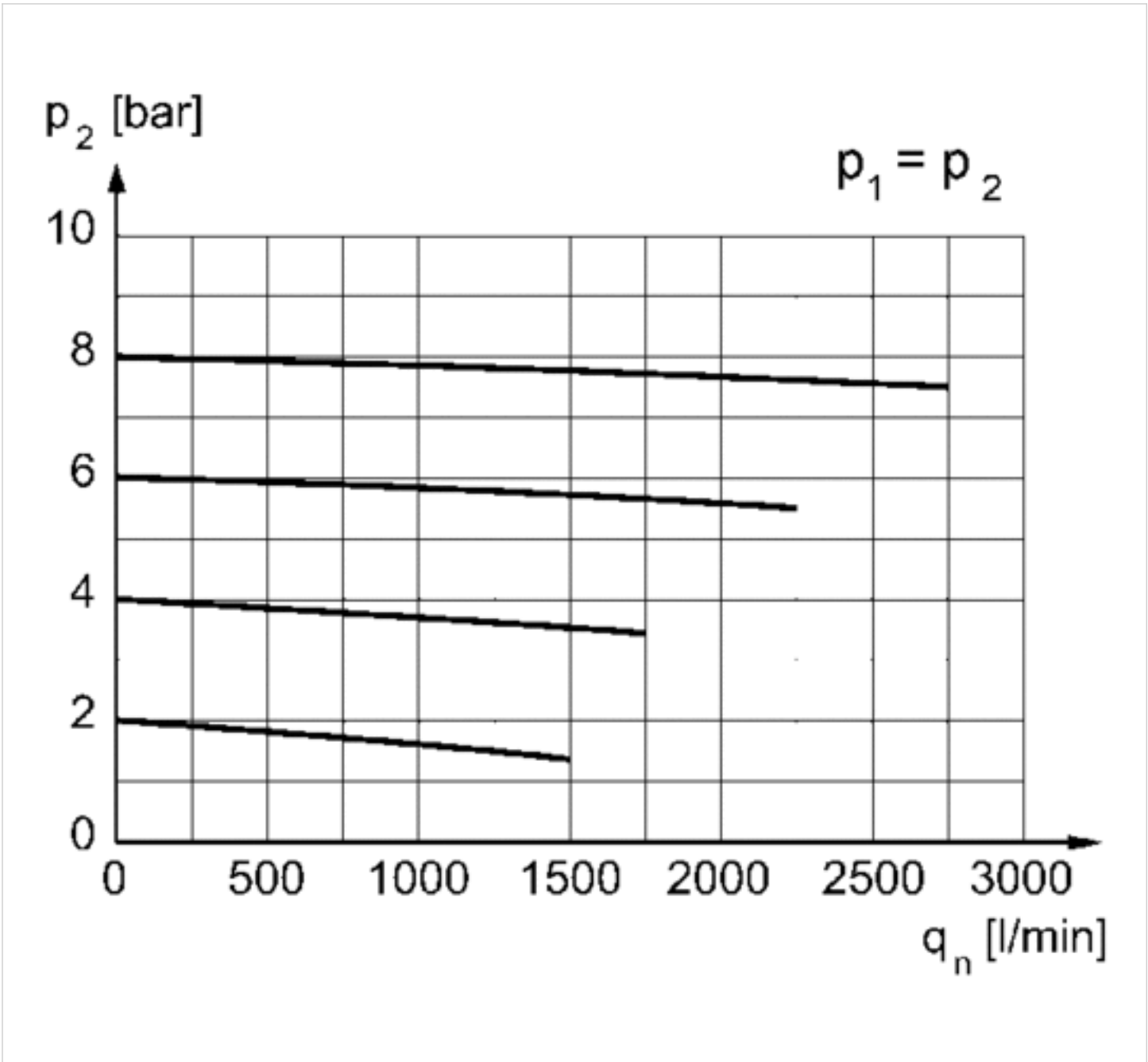
A1 = input
A2 = output

Dimensions in mm

A1	A2	B	B1	C	D	E	H	I	J	K	M	O	P	R	S	T	T1	T2	U	V	W1	X
G 1/4	G 1/4	69.6	1.8	34.5	–	170	54	5.5	69	54.5	3	50	20	6.4	10	13	13	13	33	18	67	1
G 1/4	G 1/4	69.6	1.8	34.5	–	222	54	5.5	69	54.5	3	50	20	6.4	10	13	13	13	33	18	67	1
G 1/2	G 1/2	69.6	1.8	34.5	–	308	54	5.5	69	54.5	3	50	20	6.4	10	13	13	13	33	18	67	1

Diagrams

Flow rate characteristic



p2 = secondary pressure
qn = nominal flow

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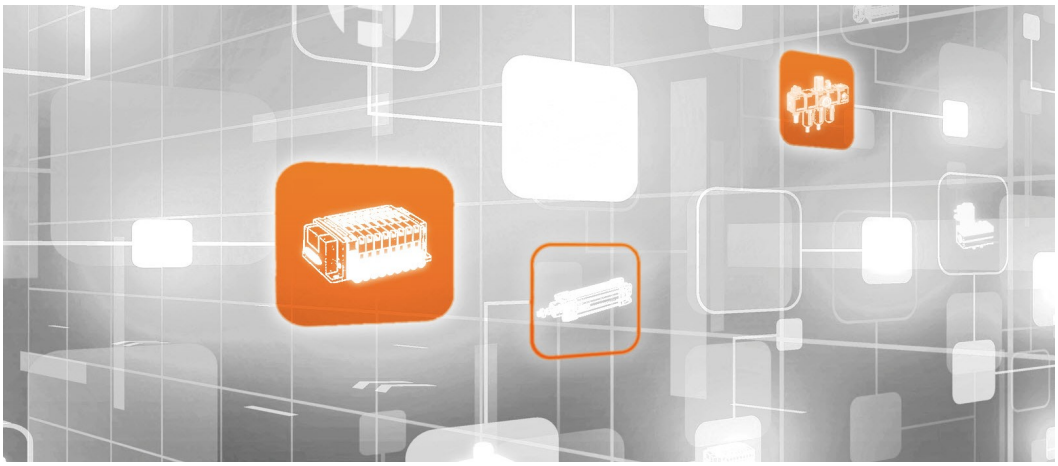

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