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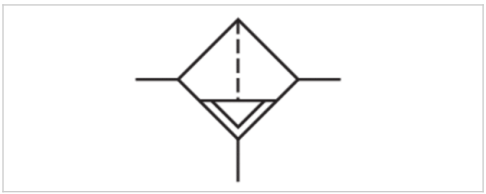
# Filter, Series AS3-FLS

- G 1/2
- filter porosity 25 µm
- suitable for ATEX



| | |
|---|---|
| Version | 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 ... 50 °C |
| Medium temperature min./max. | -10 ... 50 °C |
| Medium | Compressed air Neutral gases |
| Filter reservoir volume | 49 cm³ |
| Filter element | exchangeable |
| filter porosity | 25 µm |
| Condensate drain | semi-automatic, open without pressure |
| Weight | 0,361 kg |

## Technical data

| Part No. | Port | Qn |
|---|---|---|
| R412007090 | G 1/2 | 3500 l/min |

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

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".
Suitable for use in Ex zones 1, 2, 21, 22
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.
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 | Polyamide |
| Front plate | Acrylonitrile butadiene styrene |
| Seals | Acrylonitrile butadiene rubber |

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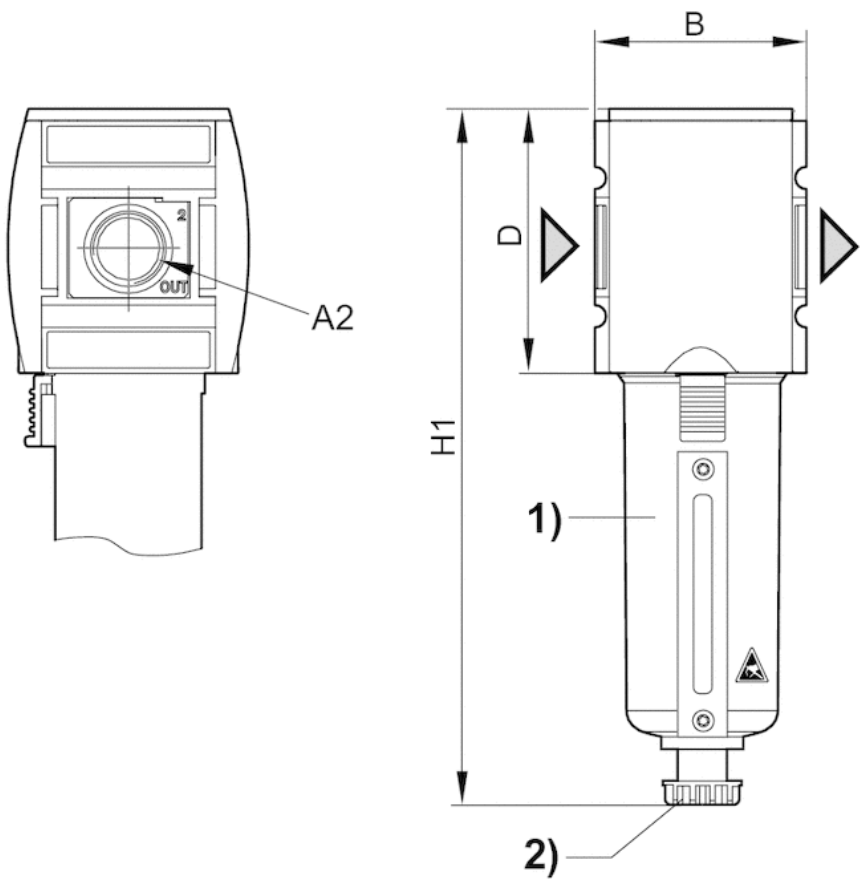
| Material | |
|---|---|
| Threaded bushing | Die cast zinc |
| Reservoir | Die cast zinc |
| Protective guard | Polyamide |
| Filter insert | Polyethylene |

# Dimensions

## Dimensions




A1 = inputA2 = output
1) Metal reservoir with level indicator
2) Semi-automatic condensate drain

## Dimensions in mm

| A1 | A2 | B | C | D | H1 | M |
|---|---|---|---|---|---|---|
| G 1/2 | G 1/2 | 63 | 74 | 80 | 193.5 | 42.5 |

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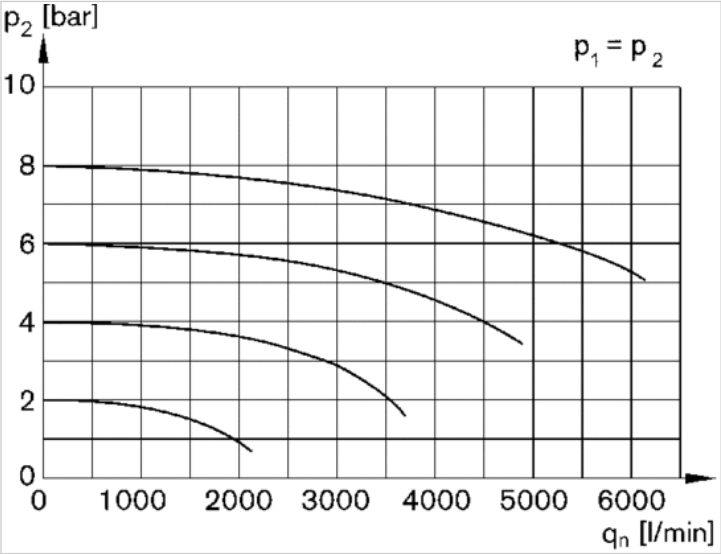
# Diagrams

## Flow rate characteristic




p1 = Working pressurep2 = Secondary pressureqn = Nominal flow