Filter, Series AS3-FLS R412007005

Series AS3

The AVENTICS Series AS3 is a modular, versatile maintenance unit for universal application. This Series offers compact dimensions, is highly efficient, lightweight and easy-to-use. The AVENTICS Series AS guarantees reliability, safety, and efficiency with a simplified assembly and maintenance efforts.



| Technical data | |
|--|--|
| Industry | Industrial |
| Parts | Filter |
| Reservoir | reservoir, polycarbonate, with PA protective guard |
| Port | G 3/8 |
| Nominal flow Qn | 3500 l/min |
| Condensate drain | fully automatic, closed without pressure |
| Min. working pressure | 1.5 bar |
| Max. working pressure | 16 bar |
| Min. ambient temperature | -10 °C |
| Max. ambient temperature | 50 °C |
| Medium | Compressed air |
| | Neutral gases |
| Max. achievable compressed air class acc. to ISO 8573-1:2010 | 7:7:- |
| Filter reservoir volume | 49 cm ³ |
| Filter element | exchangeable |
| Weight | 0.41 kg |
| Mounting orientation | vertical |
| Туре | Can be assembled into blocks |



Material

| Housing material |
|---------------------------|
| Material front plate |
| Seal material |
| Material threaded bushing |
| Material reservoir |
| Material protective guard |
| Material filter insert |
| Part No. |

Polyamide Acrylonitrile butadiene styrene Acrylonitrile butadiene rubber Die cast zinc Polycarbonate Polyamide Polyethylene R412007005

Technical information

The pressure dew point must be at least 15 °C less than 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".

Nominal flow Qn with secondary pressure p2 = 6 bar at $\Delta p = 1$ bar

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.

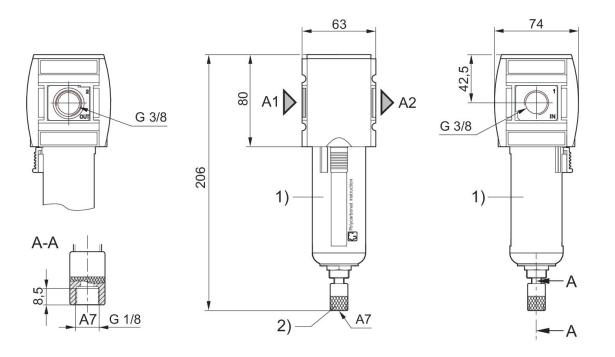
The delivered product may vary from that in the illustration.



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Dimensions in mm

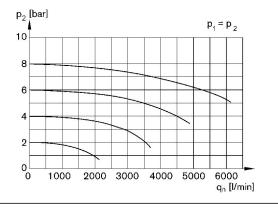


A1 = input

A2 = output A7 = condensate drain 1) Plastic reservoir and protective guard with window

2) Fully automatic condensate drain

Flow rate characteristic, p2 = 0,05 - 7 bar



p1 = Working pressure p2 = Secondary pressure

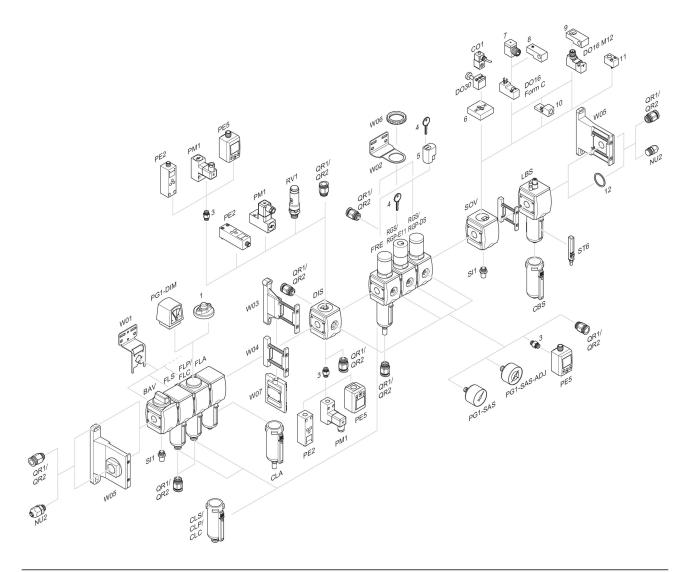
qn = Nominal flow



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Accessories overview



1 = contamination display 3 = Double nipple 4 = Key for E11 locking 5 = mortise lock 6 = Transition plate DO30 7 = Adapter, Series CON-VP 8 = Mounting aid DO16, form C 9 = Mounting aid DO16, M12 10 = Adapter for external pilot air 11 = Adapter pneumatic operation 12 = Sealing ring

