

Sample Gas Filter K-AGF - VA - 23

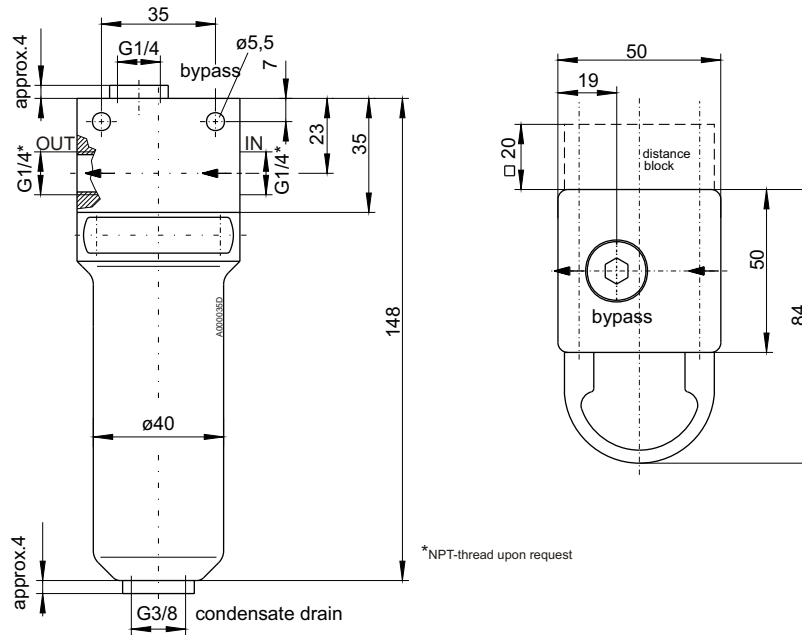


The removal of aerosols from sample gas streams is a requirement in many applications. To meet this need, the Bühler Model K-AGF-VA-23 filter makes use of a coalescing element made of borosilicate fibers. The gas stream passes through the element from inside to outside. The aerosols are caught in the matrix forming steadily growing droplets which eventually drop into the bowl as a liquid. The liquid collected in the bowl is drained off by either by a condensate drain or peristaltic pump.

The lifetime of the element depends on the concentration of particulate matter in the gas stream. With upstream particulate filtration, the coalescing filter life is almost unlimited.

- **Bühler Unique QC bracket**
- **Easy to change filter element without tools**
- **Versatile mounting bracket**
- **Filter head with auxiliary port**

Dimensions



Technical Data

Temperature max.	140°C
Pressure max.	160 bar
Dead volume	55 ml
Weight approx.	1.7 kg
Housing material	1.4571 / SS 316 Ti
Seal	Viton or Perfluorelastomer



Attention! The liquid can be harmful. Observe all safety regulations!



Application in explosive atmosphere (additional indications):

The equipment corresponds to the essential requirements of the Directive 94/9/EC. Therefore they can be used in explosive atmosphere (**Zone 1; Group IIC**). Inflammable gases and flammable gases (only temporary explosive in normal operation, **Zone 1; Group IIC**) can be led through this gas filters.

Note indications of risk in the installation- and operation instruction of the filter!

Please indicate with order

Filter housing will be delivered with installatin kit, bolts (DIN 912 M5x80), and plugs in auxiliary, head port and bowl port.

Coalescing filter including one filter element

Part no	Type	Seal
41 42 799	K-AGF-VA-23-V	Viton
41 42 899	K-AGF-VA-23-P	Perfluorelastomer

Filter element

Part no.	Type	Filter element	Material	Surface area	Package
49 32 001	12-57-C	husk	borosilicat	28 cm ²	1 pc.