

Hydraulic filters

in-line, pmax. 210 bar

600-1

Issue: 10/2022



The hydraulic filter is used to protect a hydraulic/hydraulic pressure booster against contamination. The filter is fitted in the feed line to a hydraulic fixture and filters the incoming hydraulic oil. It is also advisable to clean the emerging hydraulic oil with a second filter in order to protect valves and other hydraulic control devices.

Description:

The filtration of hydraulic media plays a very important role for the availability and reliability of hydraulic systems. The complexity of the hydraulic system is of no particular significance in this respect. Even the simplest hydraulic systems are influenced by inadmissible contamination in the hydraulic medium.

Premature wear or malfunctions are the consequence. Practical experience shows that many malfunctions when starting up hydraulic systems can be attributed to inadequate cleaning of pipes and oil-ways.

Hydraulic filters in the feed line and if necessary also in the return line of hydraulic systems prevent the failure of the system.

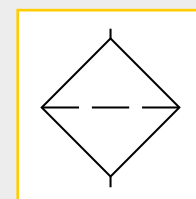
Operating method:

The hydraulic filters consists of a threaded aluminium housing in which the replaceable filter cartridge is fitted.

The flow direction is marked "IN" and "OUT" on the filter housing, and this should be adhered to in use. As a result of the use of high-strength aluminium for the housing, only pipe connectors with elastic seals must be used.



Webcode: 060001



Connection:

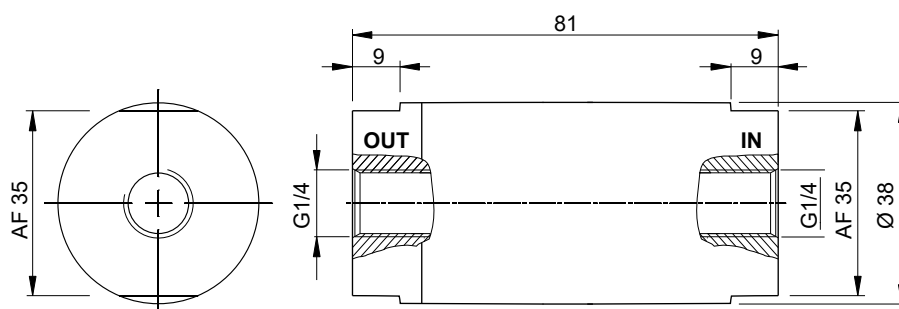
- ✗ G1/4 threaded port

Advantages:

- ✗ Protects the entire hydraulic system
- ✗ Mounting directly into the hydraulic line
- ✗ Replaceable filter cartridge
- ✗ Max. operating pressure 210 bar
- ✗ Stainless aluminium housing



Filter cartridge (spare part)



We also design and manufacture customized variants!



HYDROKOMP®

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Designation:	Filter mesh:	Order no.:
Hydraulic filter	10 µm	DUF-10-5-001
Hydraulic filter	25 µm	DUF-25-5-002
Filter cartridge (spare part)	10 µm	F-10-5-003
Filter cartridge (spare part)	25 µm	F-25-5-004