

# KFT® PLATE GAP-TYPE FILTER G1"

For the filtration of low and high-viscosity media

**Krone**  
Filtertechnik



## MADE IN GERMANY

... guarantees fast delivery 



### THE ADVANTAGES OF A KFT® GAP-TYPE FILTER

- easy to maintain
- long service life
- can be cleaned during operation
- works without filter aids, thereby eliminating any burden to the environment

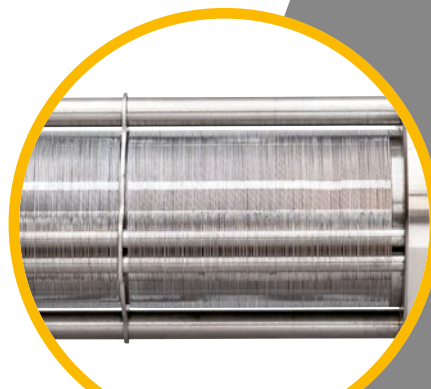
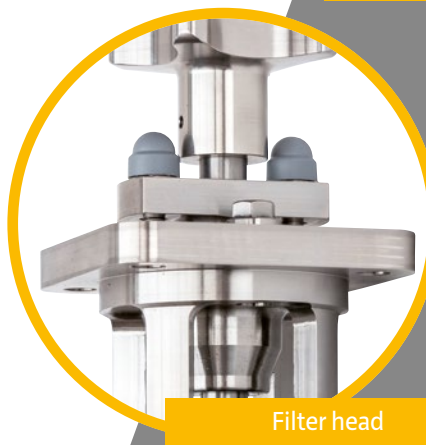


Plate gap-type filter insert



Filter head

When it comes to increasing the service life of machining or process fluids, KFT® gap-type filters are a truly expert choice.

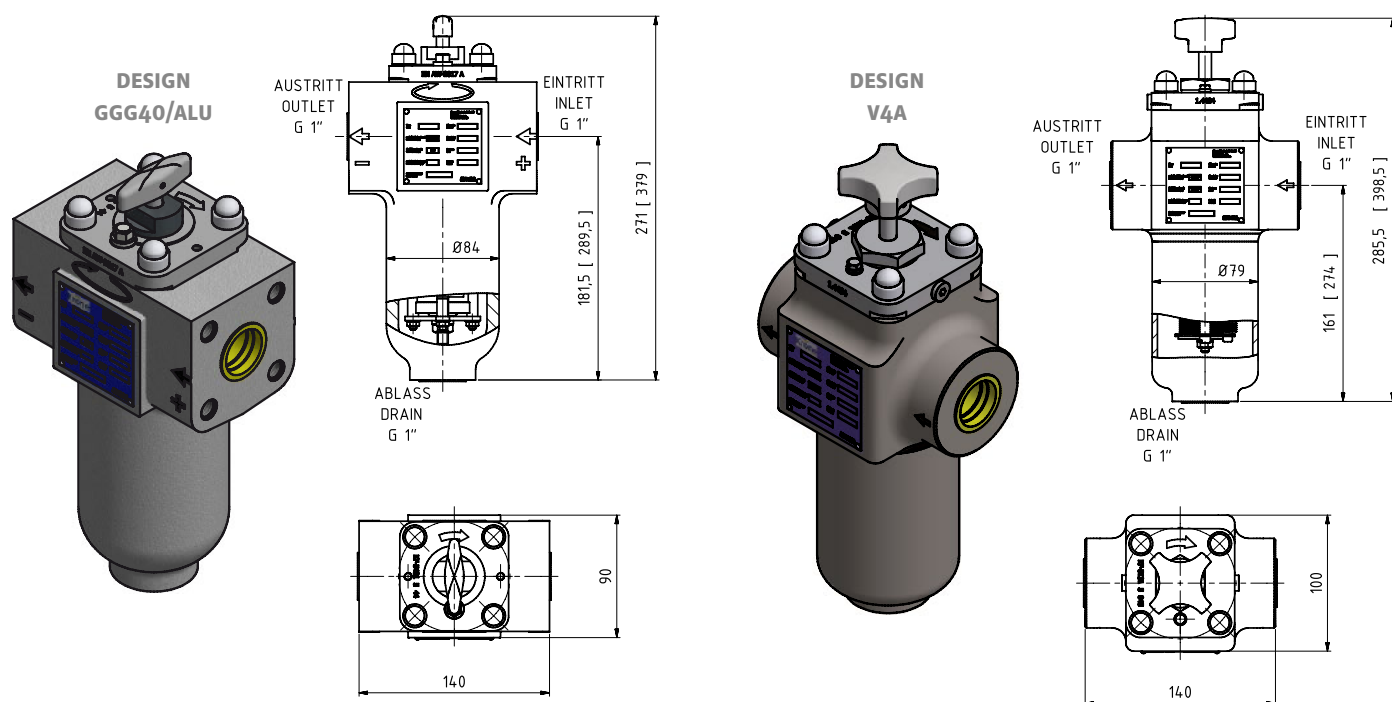


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# KFT® PLATE GAP-TYPE FILTER G1"

## TECHNICAL INFORMATION



## KFT® PLATE GAP-TYPE FILTER G1"

Size	310	318
Filter fineness (µm)	100/200/400	100/200/400
Volume flow (m³/h) with gap width X = 0.05 mm (50 µm)	1.0 <sup>1)</sup>	2.0 <sup>1)</sup>
Volume flow (m³/h) with gap width X = 0.10 mm (100 µm)	3.0 <sup>1)</sup>	4.5 <sup>1)</sup>
Volume flow (m³/h) with gap width X = 0.20 mm (200 µm)	4.5 <sup>1)</sup>	5.0 <sup>1)</sup>
Max. V (m/sec.), raw side	1.0	2.0
Max. operating pressure (bar)	40	40
Permissible differential pressure (bar)	6	6
Permissible operating temperature	-10 °C/200 °C <sup>2)</sup>	-10 °C/200 °C <sup>2)</sup>
Grading acc. to DGRL 2014/68/EU	Art. 4 para. 3	Art. 4 para. 3
Conformity process acc. to DGRL 2014/68/EU	none	none
CE labelling acc. to DGRL	No	No

## OPTIONS

Gear motor (ATEX optional)	230/400 V IP 55	230/400 V IP 55
Sludge drainage valve incl. E-drive	G1" electr./magnet.	G1" electr./magnet.
Control system - optimised for gap-type filter	Siemens Logo T+P	Siemens Logo T+P
Pressure differential evaluation unit + 2 measuring units	digital, max. 6 bar differential pressure	digital, max. 6 bar differential pressure

ORDER NO.	ARTICLE	HOUSING	FILTER HEAD	INT. PARTS
KF-513107x101	KFT®Plate gap-type filter G1" 310	GGG40	GGG40	Steel
KF-513107x104	KFT®Plate gap-type filter G1" 310	ALU	ALU	Stainless steel
KF-513107x175	KFT®Plate gap-type filter G1" 310	V4A	V4A	Stainless steel
KF-513187x104	KFT®Plate gap-type filter G1" 318	ALU	ALU	Stainless steel
KF-513187x175	KFT®Plate gap-type filter G1" 318	V4A	V4A	Stainless steel

<sup>1)</sup> The flow specifications apply to fluids with a viscosity of 72 mm²/s (cSt) in cases where there is a flow resistance level (delta p) of 0.2–0.4 bar. This data is applicable for a max. pollution of the medium amounting to 0.5%.

<sup>2)</sup> only GGG40 or V4A housing; in the case of ALU housing, the permissible operating temperature is -10 °C/120 °C