DATA SHEET

Type TFU001

Strainer

- Brass housing
- Filter insert in stainless steel
- Prevents malfunctions due to contaminated media

Product variants described in the data sheet may differ from the product presentation and description.

Type description

The dirt trap prevents malfunctions and extends the service life of downstream valves.

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Visit product website

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1. General technical data

Note:
Further variants on request

Product properties	Brass body CW 617 N	Stainless steel body 1.4408
Dimensions	Further information can be found in chapter "4. Dimensions" on page 4.	
Material		
Filter (sieve)	Stainless steel 1.4305	Stainless steel 1.4401
Seal	C - 4400	PTFE
Performance data		
Nominal pressure [1.)]	10 bar at + 20 °C	40 bar
Medium data		
Operating medium	Air, neutral gases, liquids	Air, neutral gases, liquids
Medium temperature	- 10...+ 100 °C	- 10...+ 200 °C

1.) Pressure data: overpressure to atmospheric pressure

2. Approvals and conformities

2.1. General notes

- The approvals and conformities listed below must be stated when making enquiries. This is the only way to ensure that the product complies with all required specifications.
- Not all available variants can be supplied with the below mentioned approvals or conformities.

2.2. Conformity

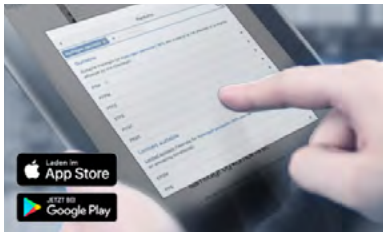
In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.

2.3. Standards

The applied standards which are used to demonstrate compliance with the EU Directives are listed in the EU-Type Examination Certificate and/or the EU Declaration of Conformity.

3. Materials

3.1. Bürkert resistApp



Bürkert resistApp – Chemical resistance chart

You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

Start chemical resistance check

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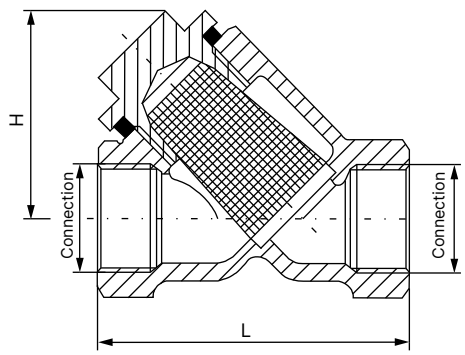
4. Dimensions



5. Ordering information

5.1. Bürkert eShop

Bürkert eShop – Easy ordering and quick delivery

You want to find your desired Bürkert product or spare part quickly and order directly? Our online shop is available for you 24/7. Sign up and enjoy all the benefits.

Order online now

5.2. Bürkert product filter

Bürkert product filter – Get quickly to the right product

You want to select products comfortably based on your technical requirements?
Use the Bürkert product filter and find suitable articles for your application quickly and easily.

Try out our product filter

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5.3. Ordering chart brass body

Note:

- The replacement comes without seal cover.
- To all variants listed below applies a pressure level of PN = 20 bar.

Connection according to ISO 228/1	Nominal diameter	Sieve	L	H	K_V value	Article no.	Article no. Replacement sieve
[inch]	[mm]	[µm]	[mm]	[mm]	[m³/h]		
⅜	10	500	55	40	3.4	783671	788904
½	15	500	58	40	4.6	783672	788905
¾	20	500	70	48	5.9	783673	788906
1	25	500	87	52	9.47	783674	788907
1¼	32	500	96	64	17	783675	788908
1½	40	500	106	73	24.5	783676	788909
2	50	500	126	89	36	783677	788910

5.4. Ordering chart stainless steel body

Note:

- The replacement comes without seal cover.
- To all variants listed below applies a pressure level of PN = 40 bar.

Connection according to DIN 2999	Nominal diameter	L	H	K_V value	Article no. Mesh size 0.5 mm	Article no. Mesh size 0.25 mm	Article no. Replacement sieve Mesh size 0.5 mm	Article no. Replacement sieve Mesh size 0.25 mm
[inch]	[mm]	[mm]	[mm]	[m³/h]				
¼	8	65	48	3.05	771820	771145	771829	771837
⅜	10	65	48	3.41	789890	771822	771830	771838
½	15	65	48	4.47	789305	771823	771831	771839
¾	20	80	50	7.85	789741	771824	771832	771840
1	25	90	70	11.08	789272	771149	771833	771841
1¼	32	105	74	16	789273	771826	771834	771842
1½	40	120	82	22.28	789274	771827	771835	771843
2	50	140	95	25.37	771100	771828	771836	771844

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