



## 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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## 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.	
<b>Material</b>		
Filter (sieve)	Stainless steel 1.4305	Stainless steel 1.4401
Seal	C - 4400	PTFE
<b>Performance data</b>		
Nominal pressure <sup>1)</sup>	10 bar at + 20 °C	40 bar
<b>Medium data</b>		
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

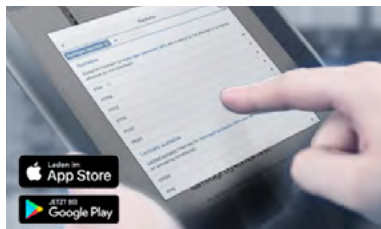
In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.

### 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

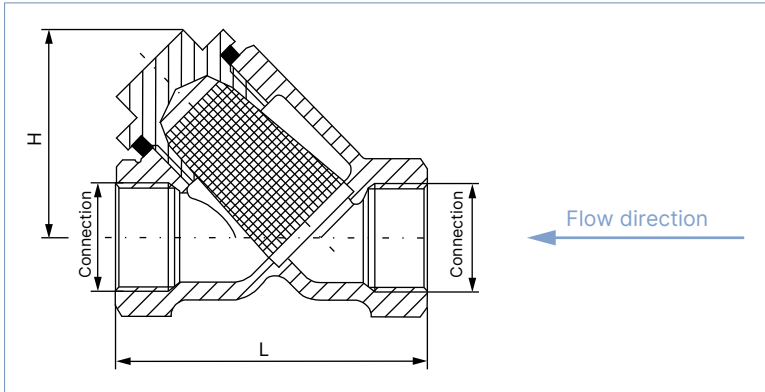


#### Bürkert resistApp – Chemical resistance chart

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](#)

## 4. Dimensions



## 5. Ordering information

### 5.1. Bürkert eShop



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### 5.2. Bürkert product filter



#### Bürkert product filter – Get quickly to the right product















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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 <sub>v</sub> value	Article no.	Article no. Replacement sieve
[inch]	[mm]	[µm]	[mm]	[mm]	[m <sup>3</sup> /h]		
3/8	10	500	55	40	3.4	783671 	788904 
1/2	15	500	58	40	4.6	783672 	788905 
3/4	20	500	70	48	5.9	783673 	788906 
1	25	500	87	52	9.47	783674 	788907 
1 1/4	32	500	96	64	17	783675 	788908 
1 1/2	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 <sub>v</sub> 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]	[m <sup>3</sup> /h]				
1/4	8	65	48	3.05	771820 	771145 	771829 	771837 
3/8	10	65	48	3.41	789890 	771822 	771830 	771838 
1/2	15	65	48	4.47	789305 	771823 	771831 	771839 
3/4	20	80	50	7.85	789741 	771824 	771832 	771840 
1	25	90	70	11.08	789272 	771149 	771833 	771841 
1 1/4	32	105	74	16	789273 	771826 	771834 	771842 
1 1/2	40	120	82	22.28	789274 	771827 	771835 	771843 
2	50	140	95	25.37	771100 	771828 	771836 	771844 