

## STRAIGHT SEATED STRAINER

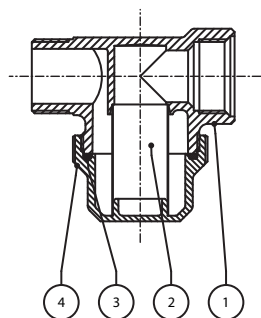


## Description:

- straight seated design
- SCA04: female thread acc. to DIN ISO 228
- SCB04: female-male thread acc. to DIN ISO 228
- defined flow direction  
(marked on the body with an arrow)
- installation position with filter downward
- The standard design only has an external nickel coating.

## Range of application:

- Used as filters in fluids and gases in front of valves for protection from dirt in the medium.
- working pressure: PN16
- max. medium temperature: 100°C
- mesh size: 50µm up to 800µm
- meshes are exchangeable

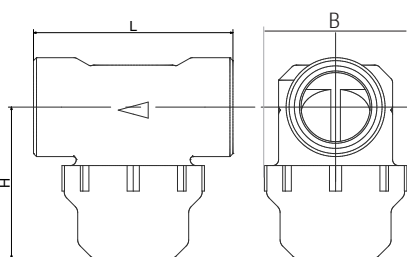


## options:

- FS: fine mesh

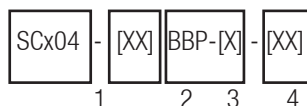
| pos. | part         | grey cast iron       |   |
|------|--------------|----------------------|---|
| 1+4  | body + cover | CW617N nickel plated | B |
| 3    | sealing      | NBR                  | B |
| 2    | mesh         | 1.4301               | P |

For details about the order code see "Order information". An overview of the complete material code you can find at the beginning of each product section of the product catalogue.



| match code    | connection size [inch] | working pressure [bar] | L [mm] |       | B [mm] | H [mm] | weight [kg] | mesh size [µm] | CV value [m³/h] at 100µm | CV value [m³/h] at 300µm | CV value [m³/h] at 800µm |
|---------------|------------------------|------------------------|--------|-------|--------|--------|-------------|----------------|--------------------------|--------------------------|--------------------------|
|               |                        |                        | SCA04  | SCB04 |        |        |             |                |                          |                          |                          |
| SCx04-03BBP-x | 3/8                    | 0-16                   | 50     | -     | 42     | 51     | 0.2         | 50 - 800       | 2.6                      | 2,0                      | 2,0                      |
| SCx04-04BBP-x | 1/2                    | 0-16                   | 56     | 63    | 42     | 53.5   | 0.25        | 50 - 800       | 3.4                      | 3,3                      | 3,3                      |
| SCx04-05BBP-x | 3/4                    | 0-16                   | 67     | 72    | 47.5   | 51.5   | 0.35        | 50 - 800       | 5.0                      | 4,9                      | 4,9                      |
| SCx04-06BBP-x | 1                      | 0-16                   | 80     | 87    | 58     | 55.5   | 0.55        | 50 - 800       | 8.7                      | 8,4                      | 8,2                      |
| SCx04-07BBP-x | 1 1/4                  | 0-16                   | 92     | 97    | 70     | 68.5   | 0.85        | 50 - 800       | 14.1                     | 13,7                     | 13,4                     |
| SCx04-08BBP-x | 1 1/2                  | 0-16                   | 110    | 115   | 80     | 93.5   | 1.3         | 50 - 800       | 26,5                     | 24,4                     | 23,6                     |
| SCx04-09BBP-x | 2                      | 0-16                   | 110    | 115   | 80     | 93.5   | 1.4         | 50 - 800       | 26,5                     | 24,4                     | 23,6                     |

## Order information:



1: type: SCA04

2: connection size (see table): 03-12

3: materials

- 1. digit: body  
B = brass nickel plated
- 2. digit: sealing  
B = NBR

- 3. digit: mesh  
P = stainless steel V2A
- attached is the mesh size in 100µm:  
8 = 800µm  
3 = 300µm  
1 = 100µm  
0,5 = 50µm

4: options (see "options")

Please ask for field specifications that are not listed in this data sheet.

Before installation please consider the installation and maintenance manual, especially the safety indications!