

## Strainer Brass

# SF, SFD



## OVERVIEW

### Operating principle

- Strainer with mesh insert

### Application

- Retention of contaminating particles in liquids or gasses

### Features

- High temperature resistance
- High pressure resistance
- Easy cleaning
- Threaded connection

### Installation information

- The strainer is installed in system with the cover facing downwards, so that the dirt can accumulate. The direction of flow must be observed.
- The strainer must not be used as a load-bearing part in a pipe construction.
- **Download: [www.meister-flow.com](http://www.meister-flow.com)**

# BRASS VERSION

## OPERATING DATA

<b>Operating pressure, max.</b>	20 bar
<b>Temperature range</b>	
Water	-15 °C - 90 °C
Air	-15 °C - 110 °C
<b>Connections</b>	
	Internal thread
	1/4" - 2"
<b>Mesh insert</b>	
SF	0,50 mm
SFD	0,30 mm

## VERSIONS

Brass

## MEDIA

Water, mineral-, heating- and hydraulic oil, fuels as well as air and other safe, non-aggressive gasses <sup>(1)</sup>

<sup>(1)</sup> Not suitable for gaseous fluids in Group 1, according to Directive 2014/68/EU

## K<sub>v</sub>-VALUE

Type	DN							
	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
SF	2,20	3,40	3,80	7,20	11	13	15	28
SFD	2,10	3,10	3,50	6,70	9,30	11,00	13,50	18,50

k<sub>v</sub>-value in m<sup>3</sup>/h at Δp 1 bar

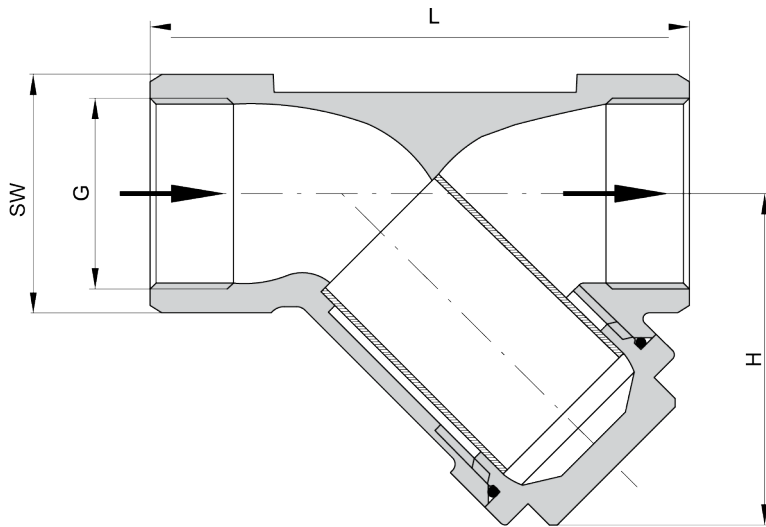
## MATERIALS

### brass version

Device body SF:	brass
Device body SFD:	brass
Cover SF:	Nickel-plated brass
Cover SFD:	Nickel-plated brass
Mesh insert:	stainless steel 1.4301
Cover seal:	NBR

# TECHNICAL DRAWING

For brass strainers



## OVERVIEW OF TYPES

For brass strainers

Type	Overall dimensions [mm]					
	G <sup>(2)</sup>	DN	SW	kg	L	H
SF-08	1/4"	8	18	0,13	55	40
SF-10	3/8"	10	21	0,13	55	40
SF-15	1/2"	15	25	0,15	58	40
SF-20	3/4"	20	31	0,24	70	48
SF-25	1"	25	38	0,38	87	56
SF-32	1 1/4"	32	47	0,56	96	64
SF-40	1 1/2"	40	54	0,70	106	73
SF-50	2"	50	67	1,20	126	89

Type	Overall dimensions [mm]					
	G <sup>(2)</sup>	DN	SW	kg	L	H
SFD-08	1/4"	8	18	0,13	55	40
SFD-10	3/8"	10	21	0,13	55	40
SFD-15	1/2"	15	25	0,15	58	40
SFD-20	3/4"	20	31	0,24	70	48
SFD-25	1"	25	38	0,38	87	56
SFD-32	1 1/4"	32	47	0,56	96	64
SFD-40	1 1/2"	40	54	0,70	106	73
SFD-50	2"	50	67	1,20	126	89

<sup>(2)</sup> DIN EN ISO 228-1