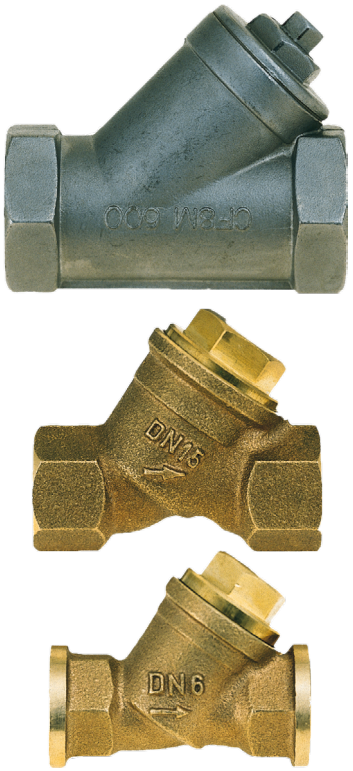
MASTERPIECES
MADE IN GERMANY

Strainer

SF, SFD, SFM



H2O OIL AIR

OVERVIEW

Operating principle

– Strainer with mesh insert

Application

– Retention of contaminating particles in liquids or gasses

Features

– Universal orientation
– High temperature resistance
– High pressure resistance
– Magnet separator (SFM only)
– Easy cleaning
– Threaded connection special thread on request

Installation information

– The installation of the strainer can be done in any way in the system. The flow direction must be observed.
The strainer must not be used as a supporting part in a pipe-construction.
– **Download: www.meister-flow.com**

RED BRASS VERSION

OPERATING DATA

Operating pressure, max.	25 bar
Temperature range	-10 °C - 150 °C
Mesh insert:	
SF, SFM	0,6 mm, 100 mesh/cm²
SFD	0,25 mm, 600 mesh/cm²

VERSIONS

Red brass	DN 8 - DN 50

MEDIA

Water, mineral-, heating- and hydraulic oil, fuels, steam, as well as air and other safe, non-aggressive gasses [1]

[1] Not suitable for gaseous fluids in Group 1, according to Directive 2014/68/EU

K_V-VALUE

Type	**DN**							
	8	**10**	**15**	**20**	**25**	**32**	**40**	**50**
SF, SFM	1,5	1,7	3,8	7,8	13,4	23,9	32,5	56,2
SFD	1,4	1,6	3,4	6,9	10,9	20,7	27,4	47,3

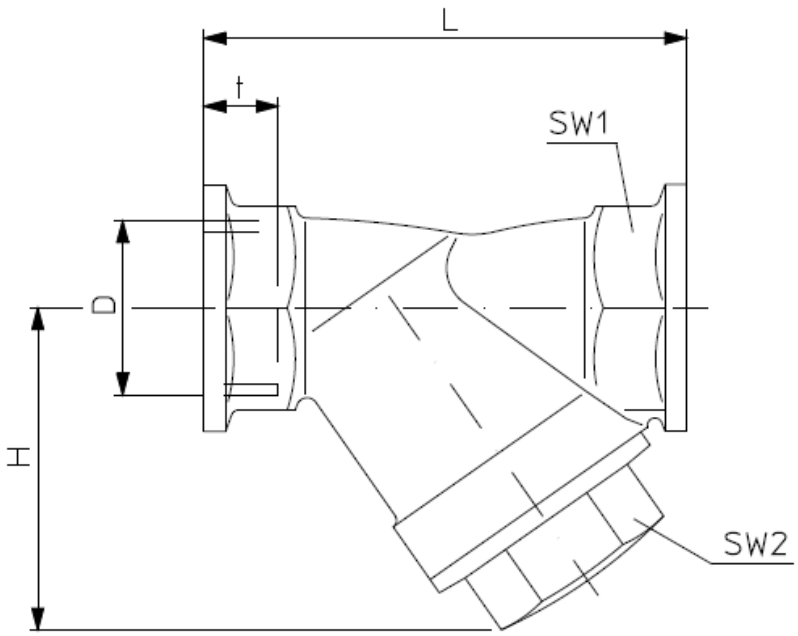
k_V-value in m³/h at Δp 1 bar

MATERIALS

Red brass version	
Device body:	Red brass
Head piece:	Brass
Screen insert:	Stainless steel
Magnets (only SFM):	Hard ferrite

TECHNICAL DRAWING

For red brass strainer



SUMMARY OF TYPES

For red brass strainer

Type	Overall dimensions [mm]							
	G [2]	Rp [3]	DN	SW1	SW2	L	H	t
SF [1/4"]	1/4"	–	8	21	17	56	34	11
SF [3/8"]	–	3/8"	10	22	17	63,5	34	10,1
SF [1/2"]	–	1/2"	15	27	22	66,5	42	13,2
SF [3/4"]	–	3/4"	20	32	27	76,5	52	14,5
SF [1"]	1"	–	25	38	32	90	61	11,5
SF [1 1/4"]	1 1/4"	–	32	47	41	112	73	15,5
SF [1 1/2"]	1 1/2"	–	40	54	46	120	82	14,5
SF [2"]	2"	–	50	66	56	150	94	18,5

Type	Overall dimensions [mm]							
	G [2]	Rp [3]	DN	SW1	SW2	L	H	t
SFD [1/4"]	1/4"	–	8	21	17	56	34	11
SFD [3/8"]	–	3/8"	10	22	17	63,5	34	10,1
SFD [1/2"]	–	1/2"	15	27	22	66,5	42	13,2
SFD [3/4"]	–	3/4"	20	32	27	76,5	52	14,5
SFD [1"]	1"	–	25	38	32	90	61	11,5
SFD [1 1/4"]	1 1/4"	–	32	47	41	112	73	15,5
SFD [1 1/2"]	1 1/2"	–	40	54	46	120	82	14,5
SFD [2"]	2"	–	50	66	56	150	94	18,5

Type	Overall dimensions [mm]							
	G [2]	Rp [3]	DN	SW1	SW2	L	H	t
SFM [1/2"]	–	1/2"	15	27	22	66,5	42	13,2
SFM [3/4"]	–	3/4"	20	32	27	76,5	52	14,5
SFM [1"]	1"	–	25	38	32	90	61	11,5
SFM [1 1/4"]	1 1/4"	–	32	47	41	112	73	15,5
SFM [1 1/2"]	1 1/2"	–	40	54	46	120	82	14,5
SFM [2"]	2"	–	50	66	56	150	94	18,5

[2] DIN ISO 228

[3] DIN EN 10226

STAINLESS STEEL VERSION

OPERATING DATA

Operating pressure, max.	40 bar
Temperature range	-30 °C - 180 °C
Connections	Internal thread 1/2" - 2" (DIN-ISO 228 T1)
Mesh insert:	
DN 15 - DN 50 (1/2" - 2")	
SF, SFM	0,5 mm
SFD	0,25 mm

VERSIONS

Stainless steel 1.4408	DN 15 - DN 50

K_V-VALUE

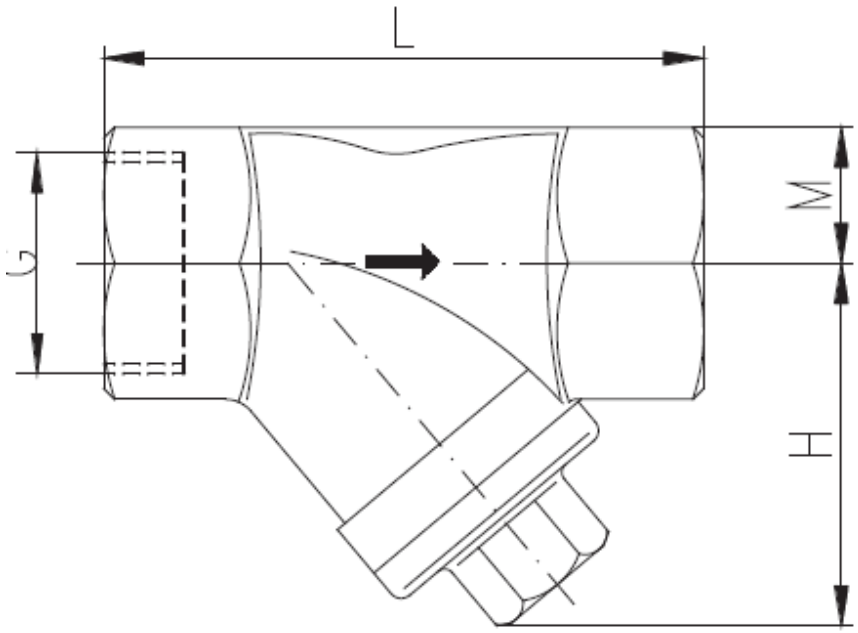
Type	**DN**					
	15	**20**	**25**	**32**	**40**	**50**
SF, SFM	2,4	6,9	11,7	15,5	23	39
SFD	2,3	5,7	9,7	12,5	19,5	35

MATERIALS

Stainless steel version	
Device body:	1.4408
Cover:	1.4408
Screen cylinder:	1.4301
Gasket:	PTFE
Magnets (only SFM):	Hard ferrite

TECHNICAL DRAWING

For stainless steel strainer



SUMMARY OF TYPES

For stainless steel strainer

Type	Overall dimensions [mm]				
	G [4]	DN	L	M	H
SF [1/2"]	1/2"	15	65	12,5	42,5
SF [3/4"]	3/4"	20	75	15,5	49
SF [1"]	1"	25	90	18,5	57,5
SF [1 1/4"]	1 1/4"	32	110	23	65
SF [1 1/2"]	1 1/2"	40	120	26,5	74
SF [2"]	2"	50	150	33,5	85

Type	Overall dimensions [mm]				
	G [4]	DN	L	M	H
SFD [1/2"]	1/2"	15	65	12,5	42,5
SFD [3/4"]	3/4"	20	75	15,5	49
SFD [1"]	1"	25	90	18,5	57,5
SFD [1 1/4"]	1 1/4"	32	110	23	65
SFD [1 1/2"]	1 1/2"	40	120	26,5	74
SFD [2"]	2"	50	150	33,5	85

Type	Overall dimensions [mm]				
	G [4]	DN	L	M	H
SFM [1/2"]	1/2"	15	65	12,5	42,5
SFM [3/4"]	3/4"	20	75	15,5	49
SFM [1"]	1"	25	90	18,5	57,5
SFM [1 1/4"]	1 1/4"	32	110	23	65
SFM [1 1/2"]	1 1/2"	40	120	26,5	74
SFM [2"]	2"	50	150	33,5	85

[4] DIN ISO 228

MASTERPIECES
MADE IN GERMANY

SF, SFD, SFM 8 0001 12-15 E M

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