

1891

Strainer

Y-type

PN 10-40 DN 15-300

Design

Full port

Removable screen insert

Mesh size

Up to DN 50 0,5 mm

DN 65-150 1,0 mm

DN 200 1,6 mm

Valve ends

Flanges acc. to

EN 1092-1 (DIN 2501

Part 1)

Requirements and tests

Acc. to DIN 3230 Part 3

Marking

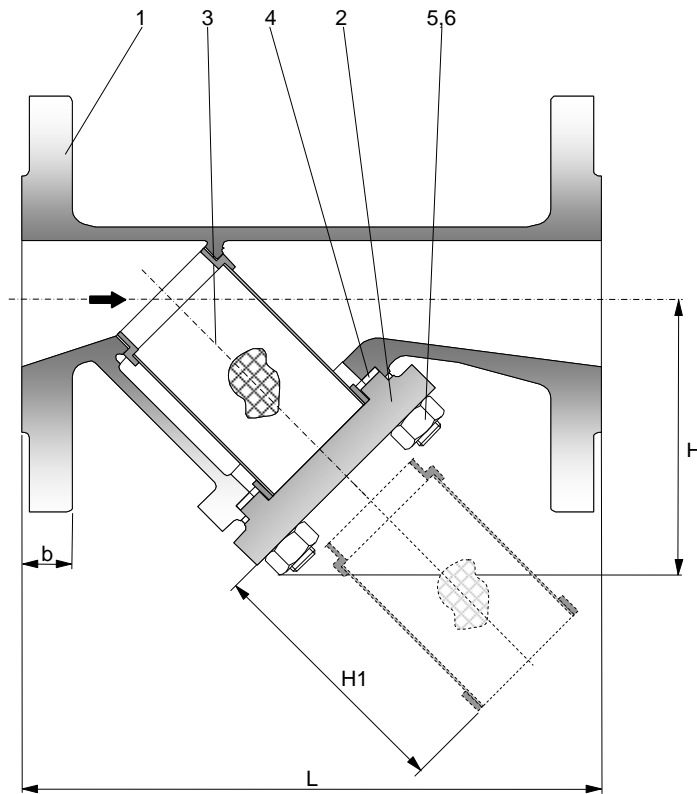
Nominal size DN

Nominal pressure PN

Body material

Manufacturer brand

Flow direction arrow



Pos. Denomination Material

		1.4308	1.4408
1	Body	1.4308	1.4408
2	Cover	1.4541	1.4571
3	Screen insert	1.4301/ 1.4541	1.4401/ 1.4571

Pos. Denomination Material

		1.4308	1.4408
4	Gasket	Graphite / 1.4401	Graphite / 1.4401
5	Stud bolt	A2-70	A4-70
6	Hex. Nut	A2	A4

¹ further materials are shown in the technical part

Face-to-face dimension acc. to EN 558-1 series 1 (DIN 3202-F1)

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	56	56	80	105	112	112	152	168	202	185	227	269	345	²
H1	48	62	64	66	78	84	149	170	207	177	227	278	381	²
PN	b											24	26	---
10	kg													---
PN	b						18	20	20	22	22	24	26	---
16	kg			use PN 40										---
PN	b											30	32	---
25	kg													---
PN	b	16	18	18	18	18	20	22	24	24	26	28	34	38
40	kg													---

² on special request

1891**Strainer****Y-type****PN 10-40 DN 15-300****Pressure /Temperature ratings in bar g at Temperature in °C**

Material	PN	50°C	100°C	120°C	150°C	200°C	250°C	300°C					
»1.4308« GX5CrNi19-10 EN 10213	10	10,0	7,7	7,7	6,7	5,7	5,2	4,8					
	16	16,0	12,3	12,3	10,7	9,1	8,4	7,7					
	25	25,0	19,2	19,2	16,7	14,2	13,1	12,1					
	40	40,0	30,8	30,8	26,8	22,8	21,0	19,4					
»1.4408« GX6CrNiMo18-10-2 EN 10213	10	10,0	8,2	8,2	7,2	6,2	5,7	5,1					
	16	16,0	13,2	13,2	11,6	10,0	9,1	8,2					
	25	25,0	20,7	20,7	18,1	15,7	14,2	12,8					
	40	40,0	33,1	33,1	29,0	25,1	22,8	20,5					

Modifications

Extra mesh sizes
 Double screen
 Heating jacket
 Drain plug

Installation

Piping is to be in such a manner that injurious thrust and bending forces are kept away from the valve casings. Strainers are usually installed thus allowing the liquid to flow from the inner side of the screen insert to the outer side and also to enable one to dismantle the screen insert down side. Pay attention to the area to be left clear for the dismantling of the screen insert. It should be like the dimension „H₁“.

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