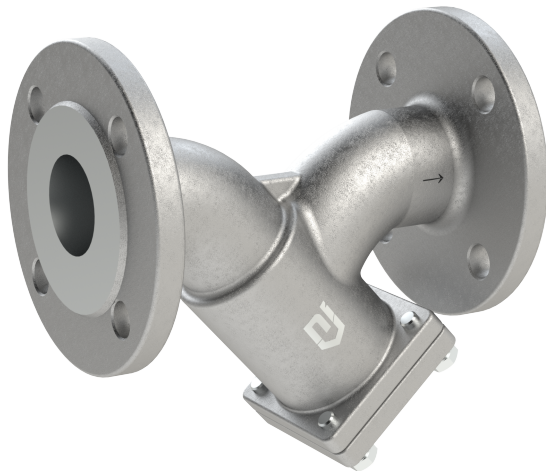


Strainer Flange TYPE SZ03



Description:

These stainless steel strainers with flange connection are used for the filtration of fluids or compressed air.

Product features:

- Suitable for liquids and compressed air
- Bolted bonnet with draining cap
- Filtration of media
- Removable stainless steel filter

Connection:
DN15 – DN200

Construction:
Y-design

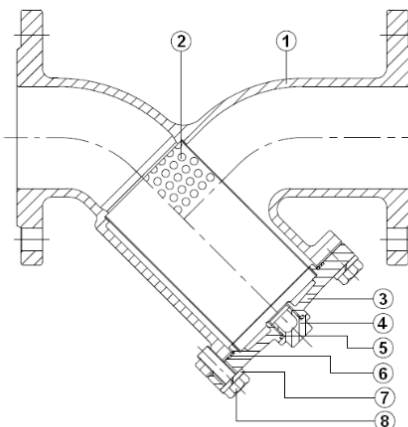
Temperature:
-20°C to +200°C

Pressure:
0 – 16 bar
consider pressure-temperature-diagram

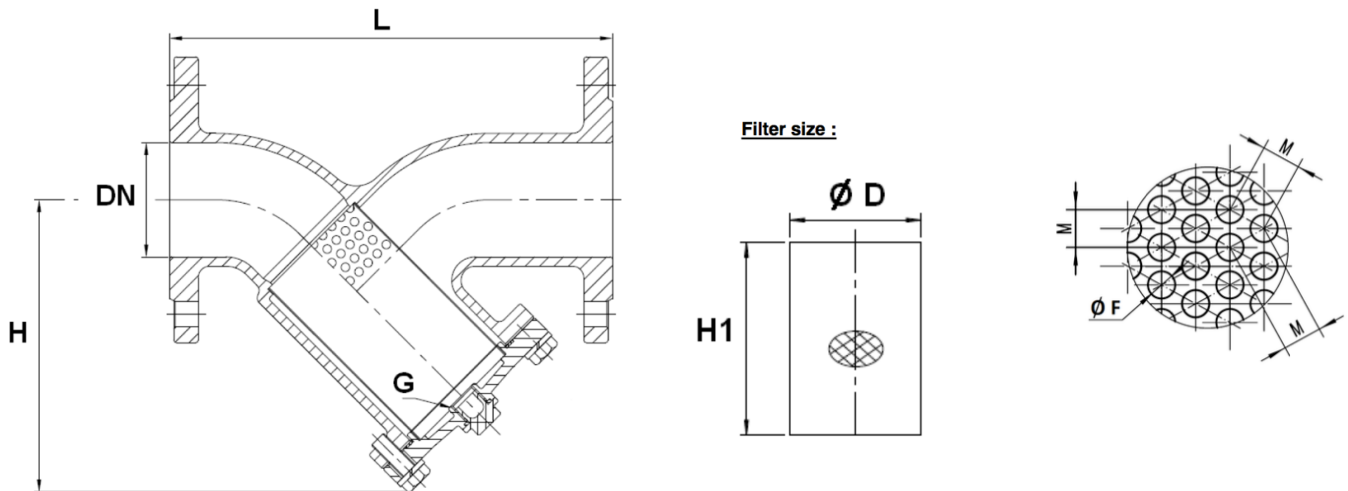
Design:	Y-strainer with draining cap
Connection:	Flange R.F. PN16 acc. to EN 1092-1
Body (1):	Stainless steel 1.4408 / A 351 CF8M
Filter (2):	Stainless steel 1.4301 / AISI 304
Bonnet (3):	Stainless steel 1.4408 / A 351 CF8M
Draining cap (4):	Stainless steel 1.4408 / A 351 CF8M
Gasket (5 + 6):	PTFE
Washer (7):	Stainless steel 1.4301 / AISI 304
Screws (8):	Stainless steel 1.4301 / AISI 304
Temperature:	-20°C to +200°C
Pressure:	PN16
Mesh:	Up to DN50: 0,8 mm / DN65-DN80: 1 mm / from DN100: 3 mm

CE / conformity:	Directive 2014/68/EU: For liquids and gases of Group 1 DN15 – DN25: no CE marking DN32 – DN50: CE0035, Risk Category 1 DN65 – DN200: CE0035, Risk Category 2
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Material (see above):

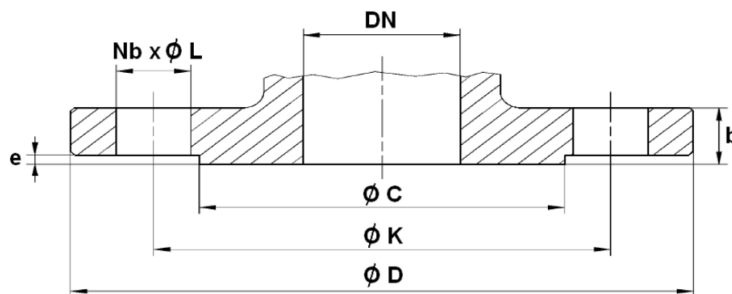


Dimensions:



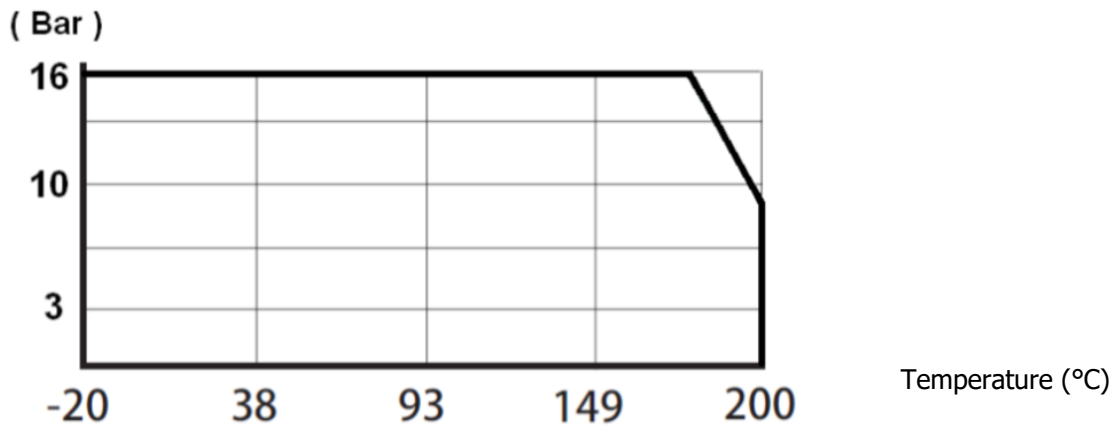
DN	L	H	G	Ø D	H1	Mesh	M	Kvs	Weight
	mm	mm	Zoll	mm	mm	mm	mm	m ³ /h	kg
15	130	85	1/2"	18	57	0,8	1,8	2,59	2,0
20	150	85	1/2"	23	55	0,8	1,8	6,05	2,7
25	160	112	1/2"	29	88	0,8	1,8	12,1	3,5
32	180	114	1/2"	40	82	0,8	1,8	17,3	5,0
40	200	132	1/2"	43	100	0,8	1,8	27,7	6,1
50	230	150	1/2"	54	103	0,8	1,8	56,2	8,1
65	290	185	1/2"	68	135	1	2	85,5	12,3
80	310	200	1/2"	84	150	1	2	138,4	15,5
100	350	232	3/4"	103	159	3	4	259,5	22,0
125	400	274	3/4"	130	220	3	4	415,1	30,0
150	480	328	3/4"	154	250	3	4	605,4	45,1
200	600	410	3/4"	208	300	3	4	882,3	77,1

Flange dimensions PN16:



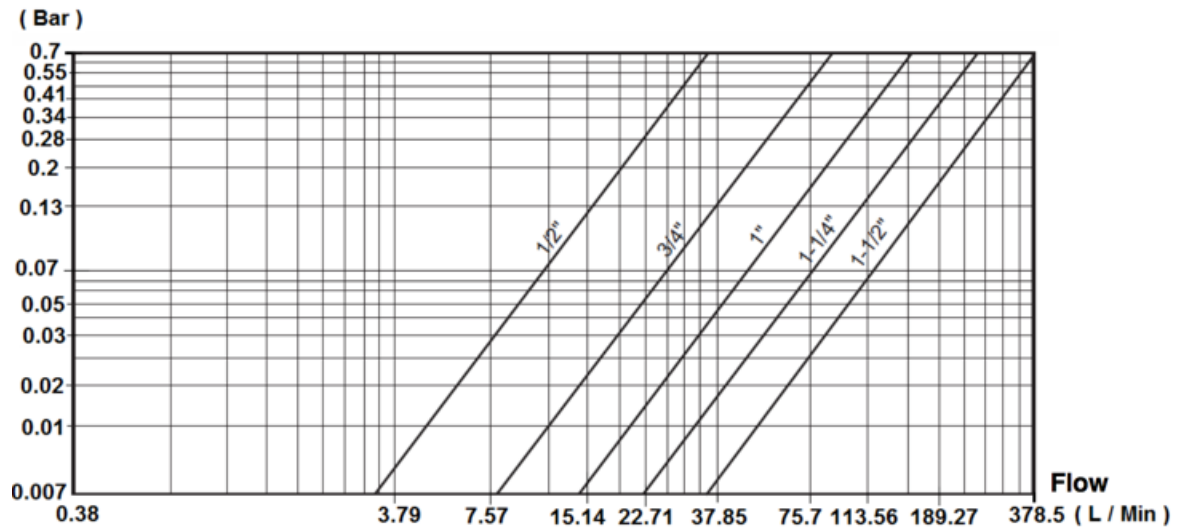
DN	Ø C	Ø D	Ø K	Nb x Ø L	b	e
	mm	mm	mm		mm	mm
15	45	95	65	4 x 14	14	2
20	58	105	75	4 x 14	16	2
25	68	115	85	4 x 14	16	2
32	78	140	100	4 x 18	16	2
40	88	150	110	4 x 18	16	3
50	102	165	125	4 x 18	18	3
65	122	185	145	4 x 18	18	3
80	138	200	160	8 x 18	20	3
100	158	220	180	8 x 18	20	3
125	188	250	210	8 x 18	22	3
150	212	285	240	8 x 22	22	3
200	268	340	295	12 x 22	24	3

Pressure-temperature-diagram (steam excluded):

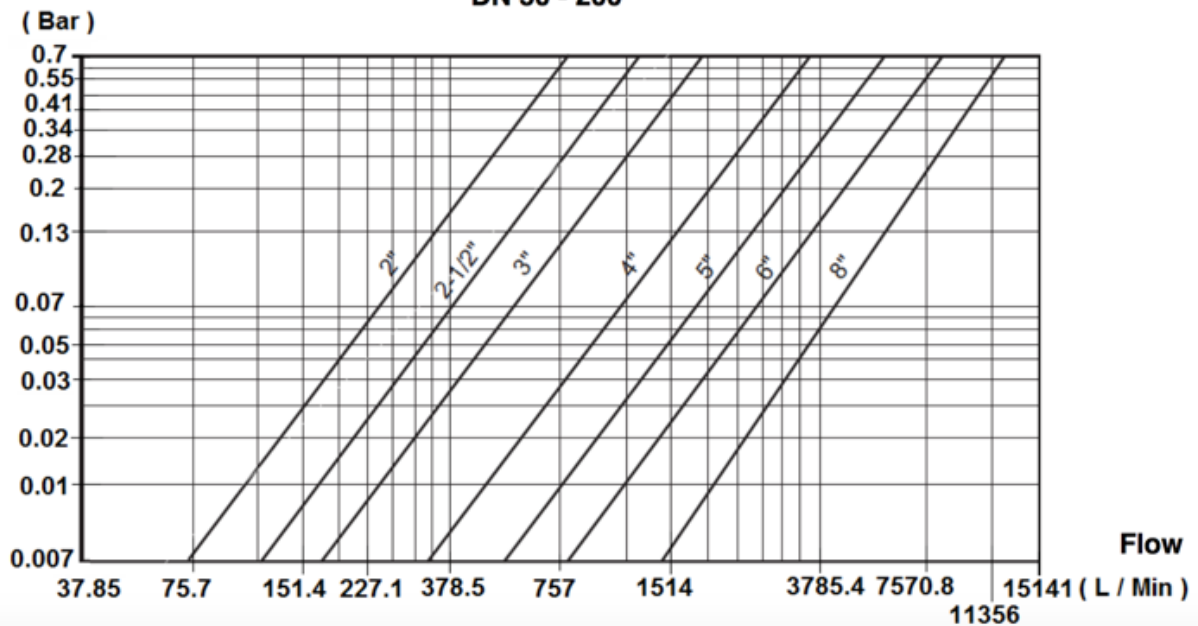


Pressure-loss-diagram:

DN 15 - 40



DN 50 - 200



Installation position:

- Consider the flow direction indicated by the arrow
- Horizontal or vertical position with descendant fluid



Options (on request):

- Strainer in accordance with the regulation (EC) N. 1935/2004
- ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22

Article number:

Type	Material	Pressure	Size
SZ03	00 – stainless steel	00 – PN16	03 – DN15 04 – DN20 05 – DN25 06 – DN32 07 – DN40 08 – DN50 09 – DN65 10 – DN80 11 – DN100 12 – DN125 13 – DN150 14 – DN200

Example no. SZ03000004:

SZ03 | 00 | 00 | 04

Strainer flange made of stainless steel

Pressure: PN16

Größe: DN20

Image similar, subject change without notice.