



Application

Self acting fitting which traps mechanical impurities contained in the service fluids, for use with aggressive liquids, vapors and gases depending on their type, temperature and concentration, for maximum pressures and temperatures:

Technical description

Temperature [°C]	Pressure [MPa]
120	1,60
150	1,44
180	1,34
200	1,28

The strainer body has an angled neck containing a replaceable tubular filter screen, fixed in place by a closure cap. The surface area of screen is about 3 times the internal cross-sectional area of the pipe in which it is fitted. On special request, the strainer can be supplied with a cleaning hole and a plug.

Connection and face-to-face dimensions

Face-to-face dimensions are given in the table below.

Face-to-face dimensions as per DIN 3202, F1 and ČSN EN 558.

Flange connecting dimensions as per DIN 2501 and ČSN 13 1060 and 13 1061.

Material

Body, cap	stainless steel (1.4408)
Filter screen	stainless steel (13 Cr)
Sealing	asbestos-free material

Testing

The filter is tested as per DIN 3230, ČSN 13 3060, part 2.

Installation

The strainer can be installed in any position, provided that the service flow direction corresponds with the arrow on the strainer body and the neck and cap are pointing downwards.

Although the strainer does not require constant maintenance, the amount of impurities in the filter should be monitored to ensure that the strainer functions safely and efficiently.

DN	D	D ₁	D ₂	D ₃	D _s	L	V	B	a	f	m	n	d	kg
15	15	95	65	47	24	130	75	55	14	2	0,8	4	14	2,5
20	20	105	75	58	24	150	80	61	16	2	0,8	4	14	3,9
25	25	115	85	68	30	160	95	72	16	2	0,8	4	14	6
32	32	140	100	78	36	180	100	79	16	2	0,8	4	18	6,5
40	40	150	110	88	44	200	110	89,5	18	3	0,8	4	18	8
50	50	165	125	102	52	230	140	113,5	18	3	0,8	4	18	10
65	65	185	145	122	75	290	160	125,5	18	3	0,8	4	18	15
80	80	200	160	133	86	310	170	141	20	3	1,12	8	18	22
100	100	220	180	158	104	350	200	160	20	3	1,12	8	18	29