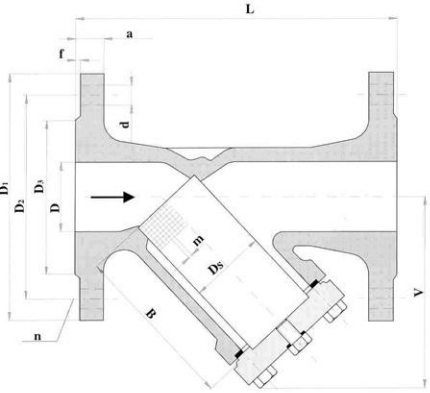
Strainer

D 71 118-540 PN 40



Application
Self acting fitting which traps mechanical impurities contained in the service fluids, for use with water non-aggressive liquids, vapors and gases, for maximum pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	4,00
300	2,80
400	2,10

Technical description
The strainer body has an angled neck containing a replaceable cylindar 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.

Connecting 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 2501and ČSN 13 1060 and 13 1061.

Material

Body, cap	carbon steel (GS-C25)
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	20	130	75	61	16	2	0,8	4	14	2
20	20	105	75	58	23	150	85	63	18	2	0,8	4	14	4
25	25	115	85	68	23	160	115	69	18	2	0,8	4	14	4,3
32	32	140	100	78	31	180	120	76	18	2	0,8	4	18	6,5
40	40	150	110	88	48	200	135	112	18	3	0,8	4	18	7,6
50	50	165	125	102	59	230	140	121	20	3	0,8	4	18	9,3
65	65	185	145	122	83	290	170	138	22	3	0,8	8	18	15,5
80	80	200	160	133	90	310	185	154	24	3	1,12	8	18	21,5
100	100	235	190	158	100	350	245	197	24	3	1,12	8	22	30
125	125	270	220	184	125	400	285	235	26	3	1,12	8	26	43
150	150	300	250	212	135	480	375	311	28	3	1,12	8	26	60
200	200	375	320	285	186	600	435	332	34	3	1,2	12	30	130