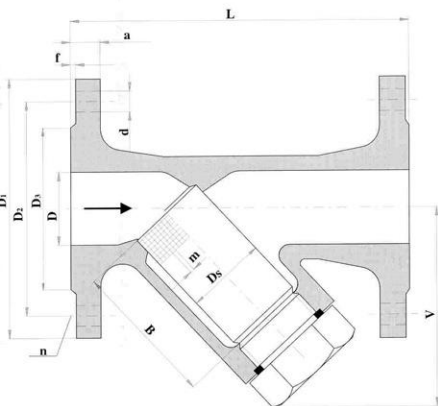


# Strainer

D 71 118-616

PN 16



## 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:

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

## Technical description

The strainer body has an angled neck containing a replaceable cylindrical 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 2501, DIN 2526 and ČSN 13 1060 and 13 1061.

## Material

Body, cap                    grey cast iron (GG-20)  
 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 <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	D <sub>s</sub>	L	V	B	a	f	m	n	d	kg
15	15	95	65	47	20	130	75	59	14	2	0,8	4	14	2
20	20	105	75	58	27	150	85	68	16	2	0,8	4	14	2,9
25	25	115	85	68	34	160	105	88	16	2	0,8	4	14	4,5
32	32	140	100	78	46	180	115	94	16	2	0,8	4	18	6,5
40	40	150	110	88	48	200	130	112	18	3	0,8	4	18	7,7
50	50	165	125	102	59	230	140	121	20	3	0,8	4	18	9,8
65	65	185	145	122	83	290	165	138	20	3	0,8	4	18	15,9
80	80	200	160	133	90	310	175	137	22	3	1,12	8	18	18,3
100	100	220	180	158	108	350	240	198	24	3	1,12	8	18	26,3
125	125	250	210	184	138	400	280	231	26	3	1,12	8	18	40
150	150	285	240	212	167	480	360	272	26	3	1,12	8	22	61,2