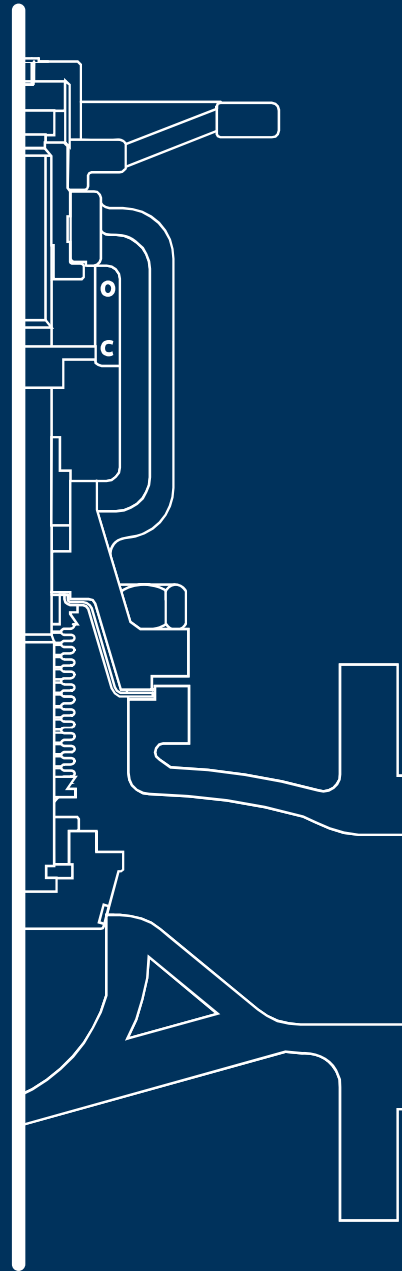




FLUIDOINDUSTRIALE
ENGINEERING & INDUSTRIAL SUPPLIES



BVALVE®

Manufacturing range

BVALVE®

Strainers

Y type strainers

Flanged ends



Features

BVALVE introduces its new Y type strainers which stop pipelines and equipment from blockage through the filtering of foreign matter which tends to build up in pipelines, such as solids or contaminants. They are therefore used to avoid expensive shut downs and to secure pumps' suction inlet, valves, and pipeline equipment from damaging.

Typical Applications

These may be applied on processes containing steam, thermal oil, water, hot water, compressed air, chemical fluids and LPG among others.

Specifications

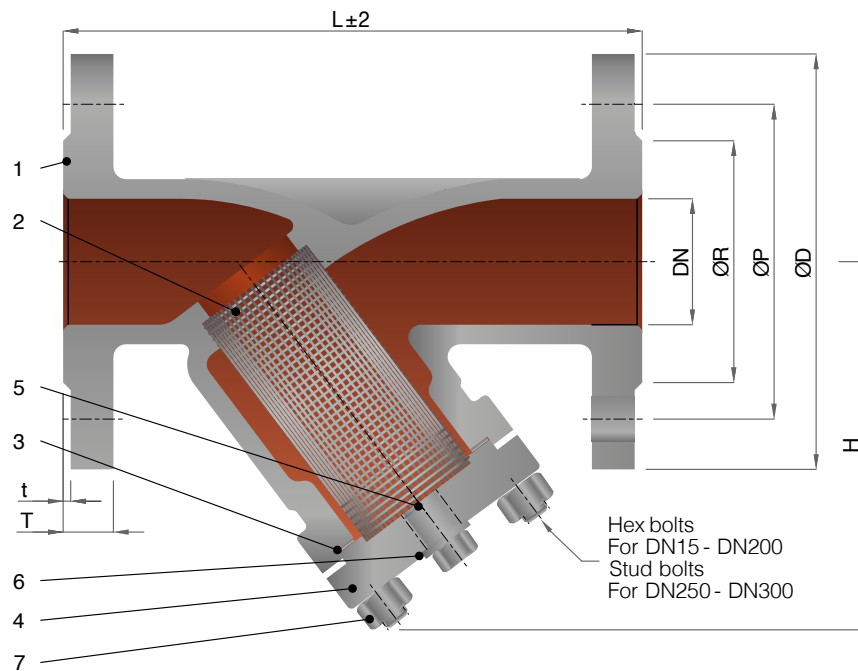
Size:	DN15-DN300	Connections:	Flanges DIN EN1092-2 PN16
Body and cover:	Nodular cast iron EN-GJS-400-18	Design:	DIN EN 12516
Screen:	AISI 304	Working Conditions:	EN 1092-2 PN16 (-10 °C / 350 °C)
Gasket:	Graphite	Face to Face:	DIN EN 558-1
Studs / nuts:	1.1181 / CK 35	Test:	EN 12266-1 P10

WORKING CONDITIONS						
Temperature °C	-10/120	150	200	250	300	350
Pressure Bar	16	15,5	14,7	13,9	12,8	11,2

BV12064

PN16 EN 1092-2
Nodular cast iron

Temperature min. -10°C
Temperature max. +350°C



Dimensions (mm)

DN	PN	ØD	ØP (Bolt Circle)	ØR	T	t	No. Hole / Dia	L	H	WEIGHT (kg)	ØA - K
15	16	95	65	46	16	2	4 / 14	130	90	2.7	22 - 48
20	16	105	75	56	18	2	4 / 14	150	96	3.3	22 - 59
25	16	115	85	65	18	3	4 / 14	160	120	4.3	29 - 75
32	16	140	100	76	18	3	4 / 19	180	130	5.8	35 - 85
40	16	150	110	84	19	3	4 / 19	200	145	7.2	42 - 97
50	16	165	125	99	20	3	4 / 19	230	141	8.97	53 - 102
65	16	185	145	118	20	3	4 / 19	290	161	13.03	67 - 118
80	16	200	160	132	22	3	8 / 19	310	184	16.72	80 - 138
100	16	220	180	156	24	3	8 / 19	350	222	24.9	103 - 165
125	16	250	210	184	26	3	8 / 19	400	257	39.2	128 - 191
150	16	285	240	211	26	3	8 / 23	480	290	54.93	150 - 214
200	16	340	295	266	30	3	12 / 23	600	365	92	198 - 275
250	16	405	355	319	32	3	12 / 28	730	435	144	245 - 330
300	16	460	410	370	32	3	12 / 28	850	542	196	292 - 387

Materials

N°	COMPONENT	MATERIALS
1	Body	DN15-40: EN-GJS-500-78 DN50-300: EN-GJS-400-18
2	Screen	DN15-40: SS304 DN50-300: SS201 Plate - SS304
3	Gasket	DN15-40: Graphite +SS304 DN50-300: Graphite
4	Cover	DN15-40: EN-GJS-500-78 DN50-300: EN-GJS-400-18
5	Drain plug	1.1181 / CK 35
6	Sealing piece	DN15-40: Graphite +SS304 DN50-300: PTFE
7	Bolt	1.1181 / CK 35

DN Size	Mesh (mm.)
15 - 50	1
65 - 80	1,18
100 - 300	1,7

Y type strainers

Flanged ends



Features

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Typical Applications

These may be applied on processes containing steam, thermal oil, water, hot water, compressed air, chemical fluids and LPG among others.

Specifications

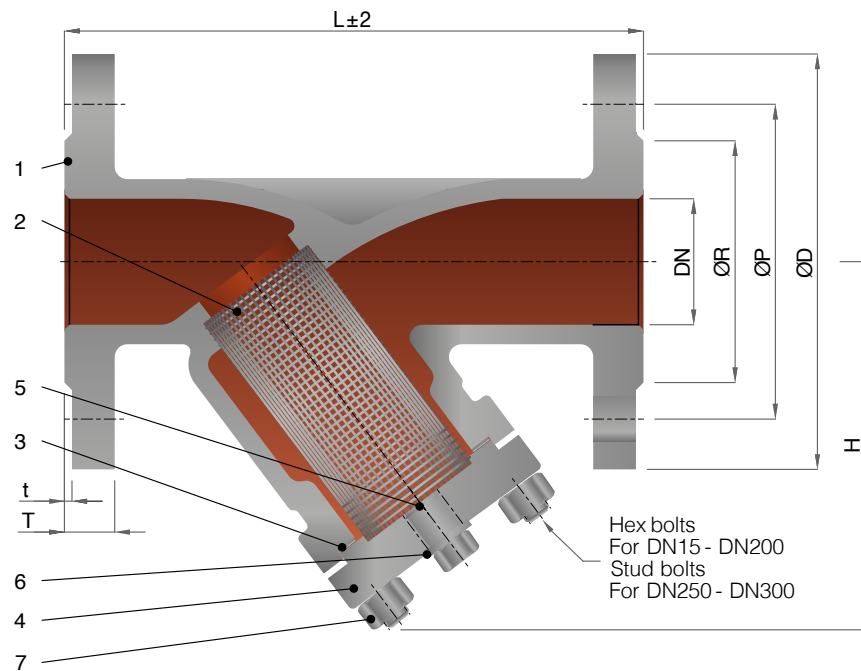
Size:	DN15-DN300	Design:	EN 12916
Body / bonnet:	Carbon Steel EN10213 / 1.0619	Working Conditions:	EN 1092-1 (-10 °C / 400 °C)
Screen:	AISI SS316	Face to Face:	EN 558-1
Gasket:	Graphite	Test:	EN 12666-1 P10
Studs and nuts:	ASTMA193B7	Marking:	DIN EN 19
Connections:	Flanges DIN EN 1092-B1	Painting:	High temperature up to 600°C

WORKING CONDITIONS							
Temperature °C	-10/120	150	200	250	300	350	400
Pressure Bar	40	35,2	33,3	30,4	27,6	25,7	23,8

BV12065 PN40 EN 1092-1

Carbon steel

Temperature min. -10°C
Temperature max. +400°C



Dimensions (mm)

DN	PN	ØD	ØP (Bolt Circle)	ØR	T	t	No. Hole / Dia	L	H	WEIGHT (kg)	ØA-K
15	40	95	65	46	16	2	4 / 14	130	70	2.5	25 - 47
20	40	105	75	56	18	2	4 / 14	150	85	3.4	30 - 60
25	40	115	85	65	18	2	4 / 14	160	98	4.6	32 - 70
32	40	140	100	76	18	2	4 / 18	180	105	5.5	40 - 76
40	40	150	110	84	18	3	4 / 18	200	125	7.6	48 - 92
50	40	165	125	99	20	3	4 / 18	230	135	9.4	56 - 102
65	40	185	145	118	22	3	8 / 18	290	157	15	70 - 119
80	40	200	160	132	24	3	8 / 18	310	180	20.2	88 - 131
100	40	220	180	156	24	3	8 / 22	350	230	31.8	108 - 168
125	40	250	210	184	26	3	8 / 26	400	277	47.5	130 - 206
150	40	285	240	211	28	3	8 / 26	480	325	70	160 - 240
200	40	340	295	266	34	3	12 / 30	600	410	126	200 - 315
250	40	405	355	319	38	3	12 / 33	730	515	222	260 - 380
300	40	460	410	370	42	4	16 / 33	850	615	347	310 - 455

Materials

Nº	COMPONENT	MATERIALS
1	Body	1.0619 / ASTM - A 216Gr. WCB
2	Screen	ANSI SS316
3	Gasket	Graphite +SS316
4	Cover	ASTM - A 105
5	Drain plug	ASTM - A 105
6	Sealing piece	Cu Aleación
7	Bolt	ASTM - A 193 B7

DN Size	Mesh (mm.)
15 - 50	1
65 - 80	1,25
100 - 300	1,6

Y type strainers

Threaded ends



Features

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Typical Applications

These may be applied on processes containing steam, thermal oil, water, hot water, compressed air, chemical fluids and LPG among others.

Specifications

Sizes: 1/2" - 2"

Screwed-in cap

Investment casting

Connecting threads: Thread ends BSP female

Y type

Max operating temperature: 210°C

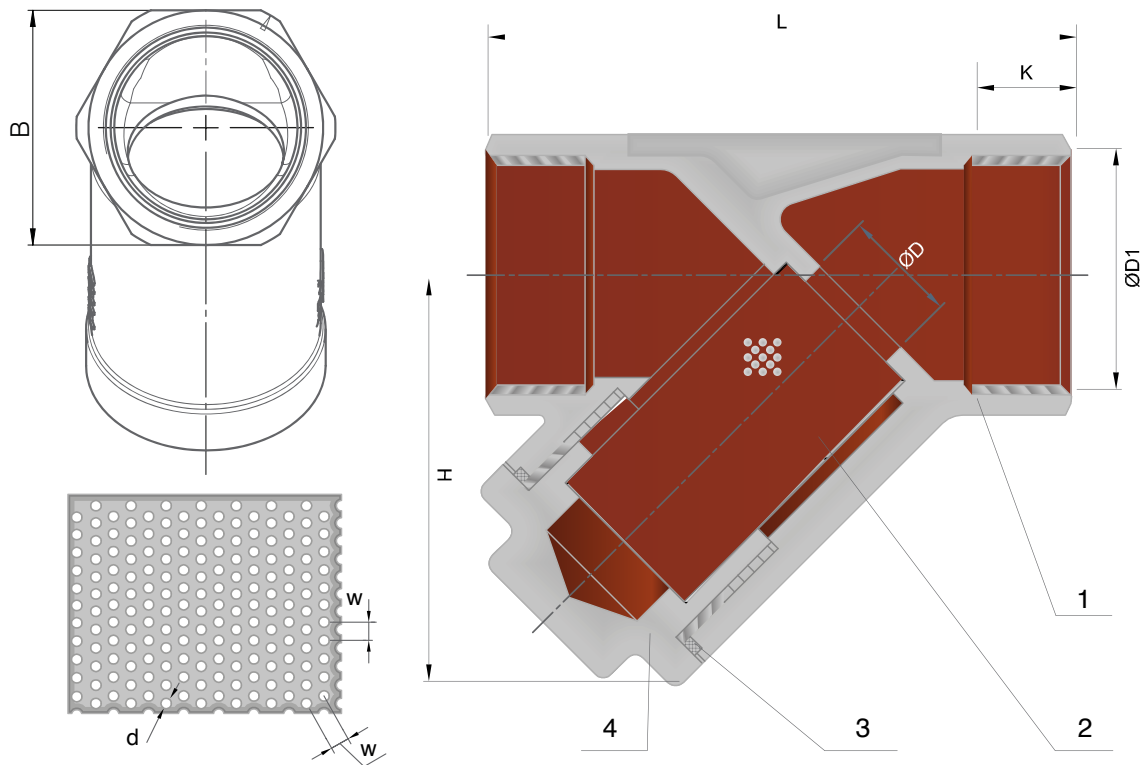
SS316 screen

Max operating pressure: PN40

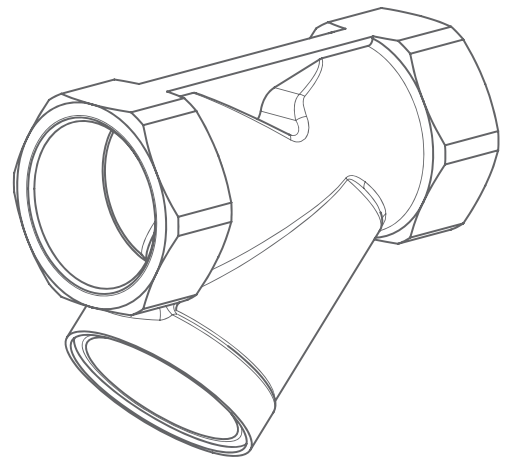
BV800 | PN40 EN 1092-1

Stainless steel

Temperature min. -10°C
 Temperature max. +210°C



N°	COMPONENT	MATERIALS
1	Body	A351-CF8M
2	Screen	SS316
3	Joint gasket	PTFE
4	Cap	A351-CF8M



Dimensions (mm)

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ØD	15	20	25	32	40	50
B	26	32	40	48	55	68
(H)	45	52	68	70	80	98
L	64	80	90	106	119	140
ØD1	1/2 BSP	3/4 BSP	1 BSP	1- 1/4 BSP	1-1/2 BSP	2 BSP
W	2	2	2	2	2	2
c	1	1	1	1	1	1
Kgts	0,2	0,320	0,565	0,735	1,040	1,630



FLUIDOINDUSTRIALE
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