

# Flanged "Y" type Strainer

## DN 15 - 200 PN16/40 & Class 150

Cast Iron, Carbon Steel and Stainless Steel

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# Fig. S\_\_

**Cast Iron: Fig. S116**

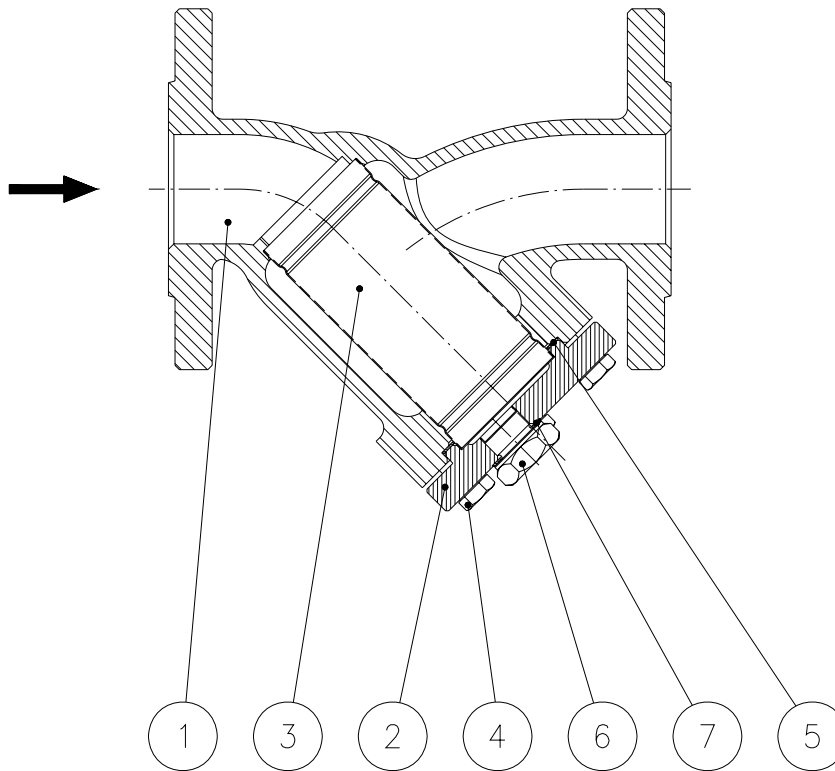
**Carbon Steel: Fig. S315 & S340**

**Stainless Steel: Fig. S415 & S416**

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# Flanged “Y” type strainer

## Parts and materials



ICP STRAINER				
Item	Description	Material		
		Cast Iron	Carbon Steel	Stainless Steel
1	Body	EN-GJL-250	1.0619	1.4408
2	Cap	EN-GJL-250	1.0619	1.4408
3	Strainer Screen		1.4301	
4	Body Bolt	8.8	8.8	A2
5	Cap Gasket	Synthetic Fiber		PTFE
6	Drain Plug	1.0401		1.4401
7	Drain Plug Gasket	Synthetic Fiber		

(\* ) Other materials under request.

# Flanged “Y” type strainer

## Dimensions

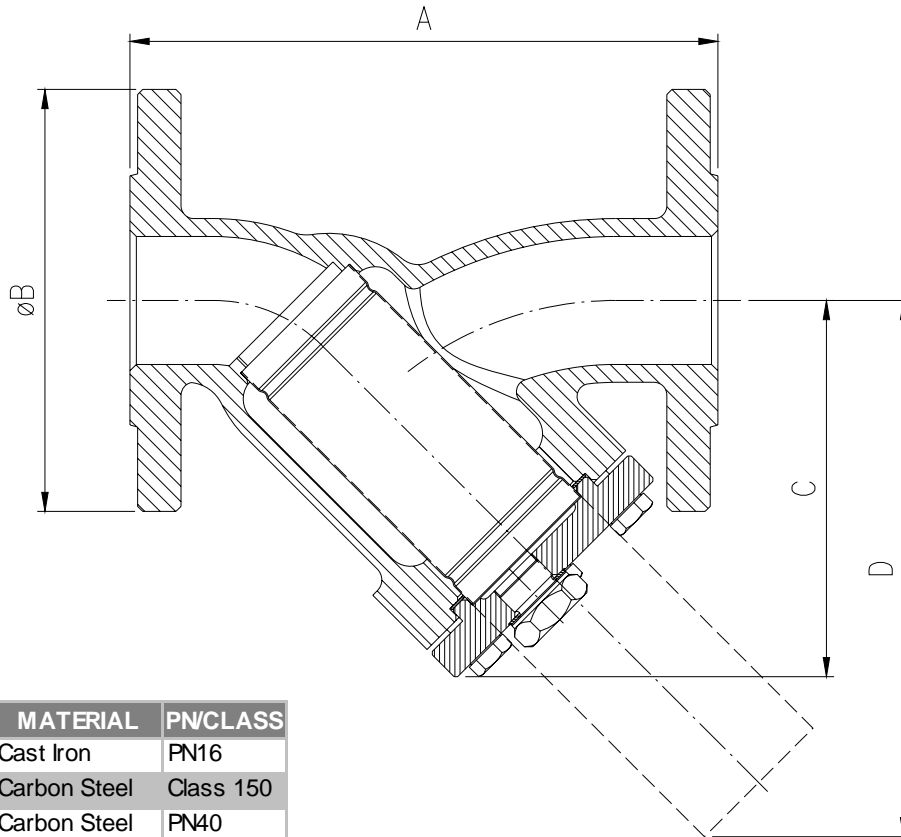


FIG	MATERIAL	PN/CLASS
S116	Cast Iron	PN16
S315	Carbon Steel	Class 150
S340	Carbon Steel	PN40
S415	Stainless Steel	Class 150
S416	Stainless Steel	PN16

### General dimensions & Weight

DN	A	C	D	S116		S315		S340		S415		S416	
				øB	WEIGHT	øB	WEIGHT	øB	WEIGHT	øB	WEIGHT	øB	WEIGHT
15	130	74	105	95	2,0	89	1,8	95	2,5	89	1,8	95	2,0
20	150	86	122	105	2,8	98,5	2,6	105	3,4	98,5	2,6	105	2,8
25	160	93	136	115	3,5	108	3,2	115	4,2	108	3,2	115	3,5
32	180	115	161	140	5,6	117	5,3	140	8,0	117	5,3	140	5,6
40	200	128	177	150	7,0	127	6,5	150	9,5	127	6,5	150	7,0
50	230	147	210	165	9,7	152	9,0	165	12,5	152	9,0	165	9,7
65	290	181	252	185	14,5	178	14,0	185	17,0	178	14,0	185	14,5
80	310	197	268	200	19,2	191	18,5	200	23,0	191	18,5	200	19,2
100	350	219	303	220	27,0	229	26,0	235	33,5	229	26,0	220	27,0
125	400	261	371	250	46,0	254	45,0	270	62,0	254	45,0	250	46,0
150	480	348	512	285	74,5	279	73,5	300	85,0	279	73,5	285	74,5
200	600	416	625	340	125,0	343	122,0	375	151,0	343	122,0	340	125,0

(\*) Dimensions in mm and weight in kg.

# Flanged “Y” type strainer

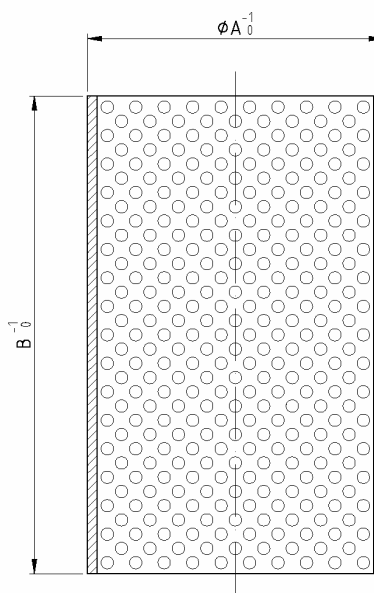
## General Characteristics

<b>GENERAL CHARACTERISTICS</b>	Fig.S116, S315, S340, S415 & S416		
<b>DESIGN STANDARDS</b>			
Valves design	DIN 3840		
Face to face Dimensions	EN 558 Series 1		
Flanged Dimensions	EN 1092 & ASME B16.5		
Visual Inspection	MSS SP- 55		
Marking	EN 19		
<b>TESTS AND CERTIFICATES</b>			
Pressure testing	EN 12266-1 P10		

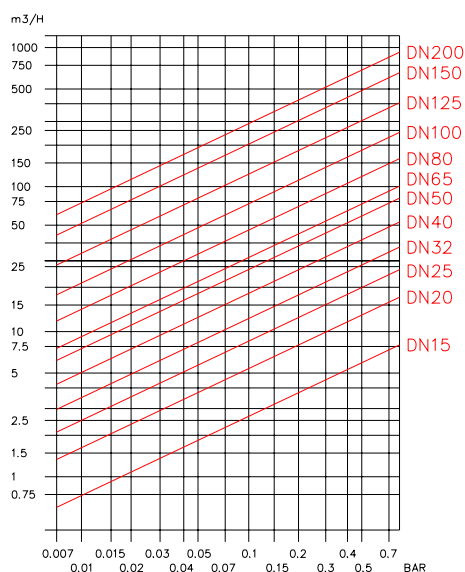
### Strainer Screen Dimensions:

DN	øA	B	Perforation	Area
15	24	54	ø1	1: 6,05
20	29	63	ø1	1: 4,70
25	34	72	ø1	1: 3,97
32	39	95	ø1	1: 3,58
40	49	99	ø1	1: 2,98
50	59	124	ø1	1: 2,83
65	67	141	ø1,5	1: 2,13
80	82	151	ø1,5	1: 1,83
100	93	171	ø1,5	1: 1,50
125	119	221	ø1,5	1: 1,56
150	154	299	ø1,5	1: 1,89
200	205	369	ø1,5	1: 1,74

(\*) Dimensions in mm



### Pressure Drop



### Pressure-Temperature

