CAST Y TYPE STRAINER (ASME) SERIES 113

FEATURES

Y type Strainer with RF flanges according to ASME/ANSI B16.5. Carbon steel or stainless steel construction. Straight flow design to install horizontally or vertically. Cylindrical screen with different filtration options. NPT threaded drain connection.
Particle filtered by the pass of fluid through the screen. Easy removal of screen for cleaning and maintenance. Suitable for all industrial process and fluids compatible with the construction materials.

DESIGN

SIZES

1" up to 10"

PRESSURES

Class 150#, 300#, 600#, 900#, 1500# and 2500#

END CONNECTIONS

RF flanges according to ASME/ANSI B16.5 - Face to face dimension ASME/ANSI B16.10

OPTIONS

BW according to ASME B16.25 , SW acc. to ASME B16.11 or RTJ flanges to ASME B16.5

PRESSURE – TEMPERATURE RATINGS *(materials acc. to ASME B16.34)*

Carbon steel ASTM A-216 WCB

Class 150#	19,6 bar @ 38ºC / 6,5 bar @ 400ºC
Class 300#	51,1 bar @ 38ºC / 34,7 bar @ 400ºC
Class 600#	102,1 bar @ 38ºC / 69,4 bar @ 400ºC
Class 900#	153,2 bar @ 38ºC / 104,2 bar @ 400ºC

Stainless steel ASTM A351 CF8M

Class 150#	19 bar @ 38ºC / 6,5 bar @400ºC
Class 300#	49,6 bar @ 38ºC / 29,4 bar @ 400ºC
Class 600#	99.3 bar @ 38ºC / 58,9 bar @ 400ºC
Class 900#	148,9 bar @ 38ºC / 88,3 bar @ 400ºC

TESTS

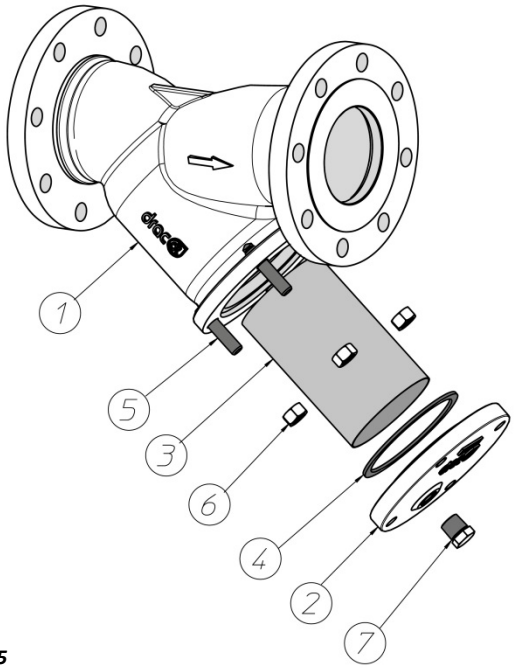
According to API 598 and BS 6755

CATEGORIY (according to Directive 97/23/EC)

See Installation and Maintenance Instructions ***IMI 112/113***

Marked CE

For Class 1500# and 2500# Strainers, please consult.
Other pressures and sizes available upon request.

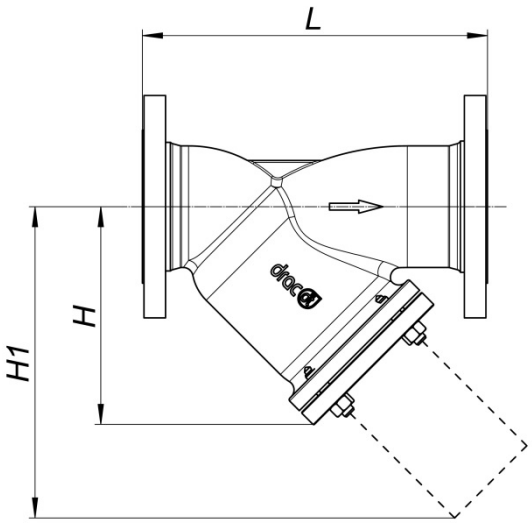


PARTS AND MATERIALS

Item	Description	(*) Materials	
		Carbon steel	Stainless steel
1	Body	ASTM A216 WCB	ASTM A351 CF8M
2	Cover	ASTM A216 WCB	ASTM A351 CF8M
3	Screen	ASTM A182 F304L	ASTM A182 F316L
4	Gasket	Graphite	
5	Stud	ASTM A193 B7	ASTM A193 B8
6	Nut	ASTM A194 2H	ASTM A194 8
7	Drain plug	Carbon steel	Stainless steel

(*) Other materials available upon request. Options in: LCB, CF8, CF3, CF3M, WC6, WC9 and C5

DIMENSIONS



Size	Class 150#					Class 300#				
NPS	L	H	H1	Ratio of areas (*)	Weight (Kg)	L	H	H1	Ratio of areas (*)	Weight (Kg)
1”	165	114	175	1 : 3,30	1,5	165	114	175	1 : 3,30	2,4
1 ¼”	184	140	205	1 : 2,73	2,7	184	140	205	1 : 2,73	3,4
1 ½”	203	156	235	1 : 2,54	3,8	203	156	235	1 : 2,54	4,9
2”	229	181	270	1 : 2,10	6,8	229	181	270	1 : 2,10	8,5
2 ½”	279	259	365	1 : 1,81	18	279	259	365	1 : 1,81	20
3”	318	293	430	1 : 1,66	22	318	293	430	1 : 1,66	28
4”	356	324	485	1 : 1,67	30	356	324	485	1 : 1,67	40
5”	381	358	510	1 : 1,58	45	381	358	510	1 : 1,58	55
6”	470	448	625	1 : 1,57	60	470	448	625	1 : 1,57	74
8”	597	535	756	1 : 1,45	78	597	535	756	1 : 1,45	132
10”	673	690	970	1 : 1,45	115	673	690	970	1 : 1,45	165

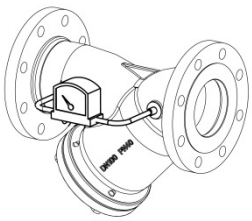
Dimensions in mm. ***(*) Standard screen***

SCREENS

Standard screen opening: Ø1 mm up to 2” ,and Ø1,5 mm from 2 ½” up to 10”

Other options: Perforated plate opening Ø1,5mm, Ø3mm, Ø5mm y Ø8mm or wire mesh with 0,5mm, 0,3mm, 0,1mm and 0,04 mm opening size.

OPTIONS



Pressure connections and pressure drop gauge or indicator

Jacketed strainer

High pressure Class 1500# and 2500# or welding ends

Fabricated Strainers for bigger sizes than 10” (see SERIES 114 and 115)

Note: For further technical information, pressure drop, etc. please consult our data sheet ***DAT 112/113***