

114. STRAINER HOUSINGS

Function:

Strainer housings are to be used along with strainer elements.

- Good Corrosive resistance
- Elements can be cleaned.

They are available in three configurations: Inline, Angled and Y pattern.

The elements consists of a perforated tube inside a mesh sleeve

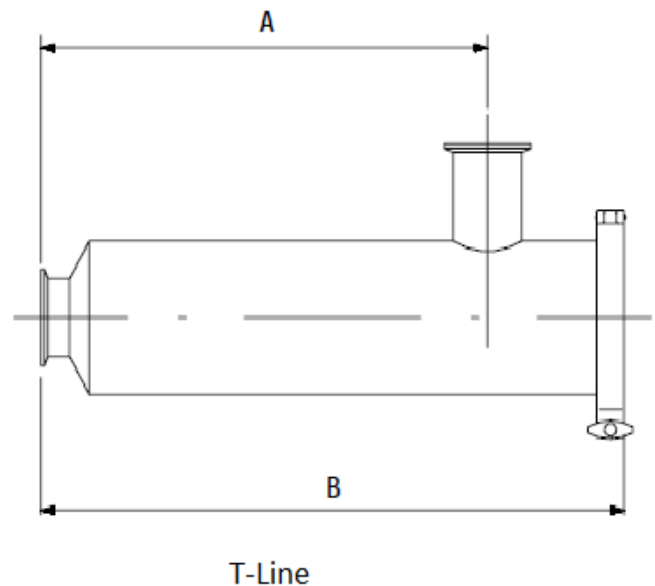
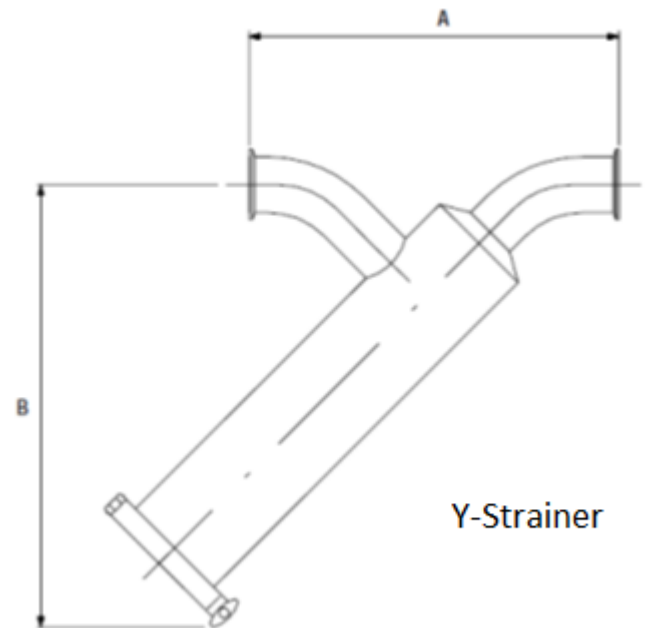
Specifications:

- Sizes: Refer table
- End Connections: Refer table
- Material: Contact parts: Refer table
Non-contact parts: AISI 304
- Surface finish:
External: Polished
Internal: $Ra < 0.8\mu$.
- Maximum operating pressure: 10 barg

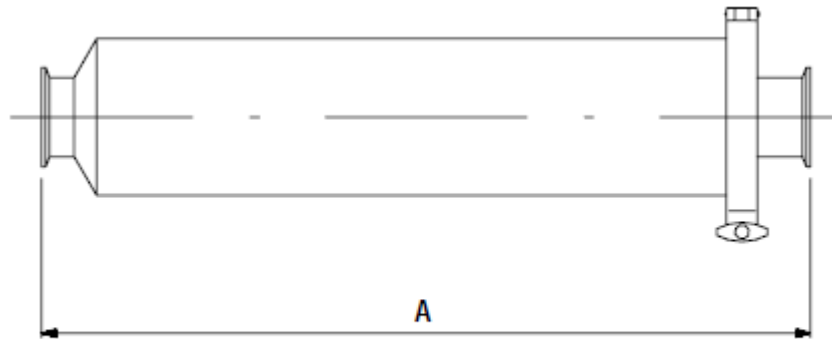
MESH	WIRE DIA (mm)	APERTURE (mm)	OPEN AREA(%)
10	0.56	2	60
20	0.32	1	57
30	0.25	0.63	51
40	0.22	0.4	41
60	0.16	0.25	38
80	0.125	0.2	38
100	0.1	0.16	38
150	0.063	0.16	38
200	0.05	0.08	38

Application:

- For protection of pumps.
- For protection of other equipment.



GEI Process



Inline

ORDERING INFORMATION:

Ex: Part # 104-1-1-1-1-1: Stainless steel strainer housing-Y Line-1.0" -304 material with -10 mesh and 1.6 perforated tube element.

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Product code	Type	Size	Material	Mesh	Tube perforation
	1-Y line	1- 1.0"	1-AISI 304	1-10	1-1.6 mm
	2-T line	2- 1.5"	2-AISI 316	2-20	2-3 mm
	3-I line	3- 2.0"	3-AISI 316L	3-30	3-6.3 mm
		4- 2.5"		4-40	
		5- 3.0"		5-60	
				6-80	
				7-100	
				8-150	
				9-200	

HOUSINGS WITH SHORT ELEMENT

Type	Size	A (in mm)	B-Short element (in mm)	End connection
Y-Line	1"	238	355	1" TC(50.4 Flange)
Y-Line	1.5"	268	360	1.5" TC(50.4 Flange)
Y-Line	2.0"	312	370	2.0" TC(64 Flange)
Y-Line	2.5"	360	380	2.5" TC(77.5 Flange)
Y-Line	3.0"	423	390	3.0" TC(91 Flange)
L-line	1"	330	584	1" TC(50.4 Flange)
L-line	1.5"	330	584	1.5" TC(50.4 Flange)
L-line	2.0"	330	584	2.0" TC(64 Flange)
L-line	2.5"	330	584	2.5" TC(77.5 Flange)
L-line	3.0"	410	564	3.0" TC(91 Flange)
Inline	1"	-	638	1" TC(50.4 Flange)
Inline	1.5"	-	638	1.5" TC(50.4 Flange)
Inline	2.0"	-	638	2.0" TC(64 Flange)
Inline	2.5"	-	827	2.5" TC(77.5 Flange)
Inline	3.0"	-	827	3.0" TC(91 Flange)

HOUSINGS WITH LONG ELEMENT

Type	Size	A (in mm)	B-Long element (in mm)	End connection
Y-Line	1"	238	535	1" TC(50.4 Flange)
Y-Line	1.5"	268	540	1.5" TC(50.4 Flange)
Y-Line	2.0"	312	550	2.0" TC(64 Flange)
Y-Line	2.5"	360	560	2.5" TC(77.5 Flange)
Y-Line	3.0"	423	570	3.0" TC(91 Flange)
L-line	1"	420	674	1" TC(50.4 Flange)
L-line	1.5"	420	674	1.5" TC(50.4 Flange)
L-line	2.0"	420	674	2.0" TC(64 Flange)
L-line	2.5"	420	674	2.5" TC(77.5 Flange)
L-line	3.0"	420	674	3.0" TC(91 Flange)

Note: Housings can also be provided customized connections. Contact our application specialist

All dimensions are in mm. unless and otherwise specified.

The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our application specialist.

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