

Y – Strainer Screwed End

Features

- Investment casting component
- Screwed bonnet
- For general chemical and industrial application

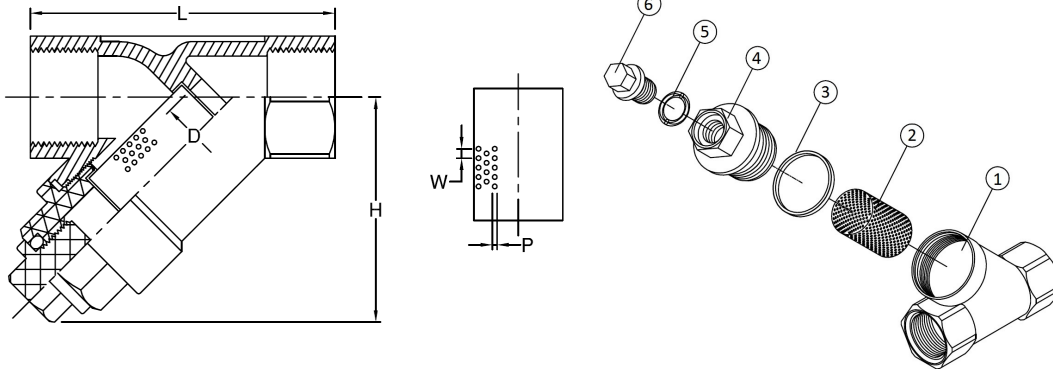


Specifications

Body	ASTM A-351 Grade CF8M
Body Wall Thickness	EN12516-1/3
Packing	PTFE
Working Pressure	800 PSI
Temperature	-20°C ~ 180°C
End Connections	Threaded Male

Option

Double Screen (40 ~ 200 mesh)



Material List

No.	Part Name	Material
1	Body	CF8M
2	Screen	SS316
3	Gasket	PTEF
4	Bonnet	CF8M
5	O-ring	Viton
6	Plug	CF8M

Dimensions

Model	Size		D	L	H	W	P (mm)
ST008	DN8	1/4"	10.0	65.0	51.0	2.0	200 mesh
ST010	DN10	3/8"	12.0	65.0	51.0	2.0	200 mesh
ST015	DN15	1/2"	15.0	65.0	51.0	2.0	1.0
ST025	DN25	1"	25.0	90.0	72.0	2.0	1.0
ST040	DN40	1 1/2 "	40.0	120.0	87.0	2.0	1.0
ST050	DN50	2"	50.0	140.0	103.0	2.0	1.0
ST080	DN80	3"	80.0	200.0	143.0	2.0	1.0

Y – Strainer Flanged PN16

Features

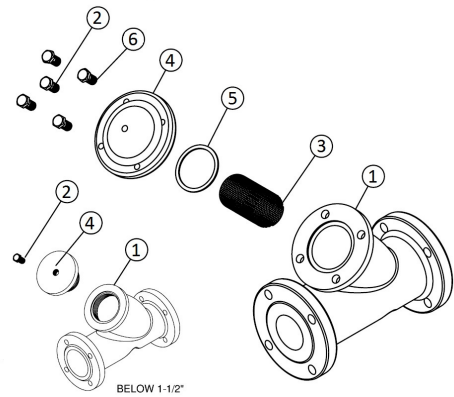
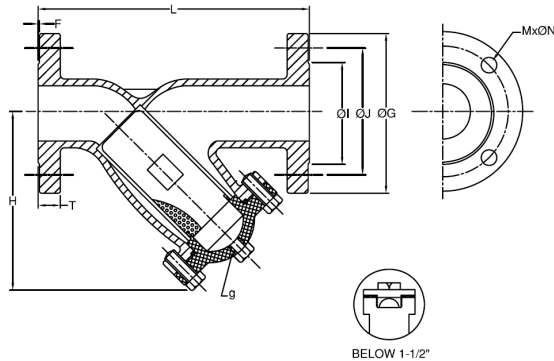
- Bolted cover for DN50 & above
- Screwed cover for smaller sizes
- Covers furnished with blow-off plug
- For general industrial and chemical application

Specifications

Body	ASTM A-351 Grade CF8M
Body Wall Thickness	EN12516-1
Face to Face	DIN3202 F1 for DN20-150
	ANSI B16.10 Class 150 for DN15, DN200-350
Flange Dimension	EN1092-1 PN16
Working Pressure	14.6 Bar
Temperature	-20°C ~ 180°C
End Connections	Flange RF

Option

Double Screen (40 ~ 200 mesh)



Material List

No.	Part Name	Material
1	Body	CF8M
2	Plug	CF8
3	Screen	SS304
4	Cap	CF8M
5	Body Seal	PTFE
6	Bolt	ASTM A193 Gr.B8

Dimensions

Model	Size	L	H	ØG	ØJ	ØI	T	F	M	ØN	g
ST015	DN15 1/2"	152	57	95	65	48	14	2.0	4	14	1/4"
ST020	DN20 3/4"	150	78	105	75	58	14	2.0	4	14	1/4"
ST025	DN25 1"	160	85	115	85	68	18	2.0	4	14	1/4"
ST040	DN40 1 1/2"	200	109	150	110	88	18	3.0	4	18	1/4"
ST050	DN50 2"	230	146	165	125	102	18	3.0	4	18	1/2"
ST080	DN80 3"	310	200	200	160	138	20	3.0	8	18	1"



Y – Strainer Flanged ANSI150

Features

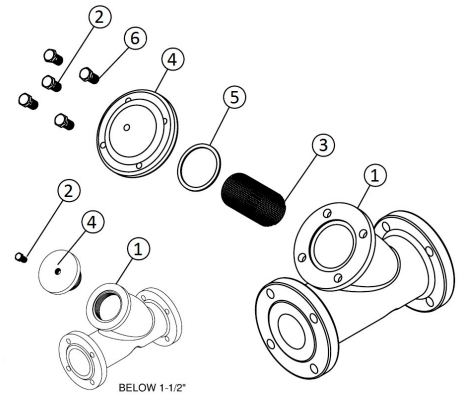
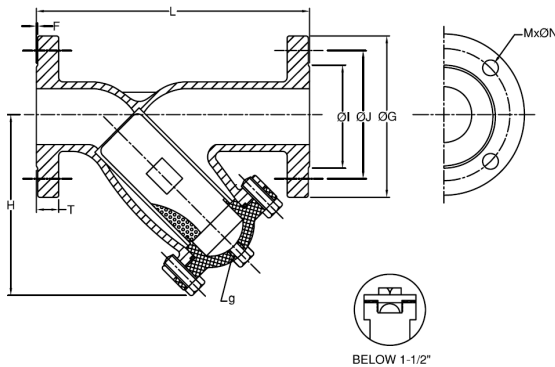
- Bolted cover for DN50 & above
- Screwed cover for smaller sizes
- Covers furnished with blow-off plug
- For general industrial and chemical application

Specifications

Body	ASTM A-351
Body Wall Thickness	B16.34
Face to Face	ANSI B16.10 Class 150
Flange Dimension	ANSI B16.5 Class 150
Working Pressure	275 PSI
Temperature	-20°C ~ 180°C
End Connections	Flange RF

Option

Double Screen (40 ~ 200 mesh)



Material List

No.	Part Name	Material
1	Body	ASTM A351 Gr. CF8M
2	Plug	ASTM A351 Gr. CF8M
3	Screen	SS304
4	Cap	ASTM A351 Gr. CF8M
5	Body Seal	PTFE
6	Bolt	ASTM A193 Gr.B8

Dimensions

Model	Size	L	H	ØG	ØJ	ØI	T	F	M	ØN	g	
ST015	DN15	1/2"	152	70	89	60.5	35	11.2	1.6	4	15	1/4"
ST020	DN20	3/4"	189	78	98	70.0	43	11.2	1.6	4	15	1/4"
ST025	DN25	1"	189	92	108	79.5	51	11.2	1.6	4	15	1/4"
ST040	DN40	1 1/2"	181	109	127	98.5	73	14.3	1.6	4	15	1/4"
ST050	DN50	2"	218	146	152	120.5	92	15.9	1.6	4	19	1/2"
ST080	DN80	3"	295	200	190	152.5	127	19.1	1.6	4	19	1"



Mesh to Micron Conversion Chart

U.S. mesh	Inches	Microns	Millimetres
10	0.0787	2000	2.000
20	0.0331	841	0.841
25	0.0280	707	0.707
50	0.0117	297	0.297
100	0.0059	149	0.149
140	0.0041	105	0.105
170	0.0035	88	0.088
200	0.0029	74	0.074
230	0.0024	63	0.063
270	0.0021	53	0.053
325	0.0017	44	0.044
400	0.0015	37	0.037

DS – 1705

Trigear Manufacturing,
Unit 2, The Old Grain Store,
Ditchling Common Industrial Estate,
Ditchling, Sussex
BN6 8SG
United Kingdom
Tel: 01444 248777
Fax: 01444 243750
Email: sales@trigearflowmeters.com

Distributed by: