

Dimensions

PN16 - Fig. 6410 (wire mesh) Fig. 6420 (perforated mesh)

SIZE	L	D	D1	D2	b	n-φd	H	Plug
DN15	130	95	65	46	14	4-φ14	65	/
DN20	150	105	75	56	16	4-φ14	70	/
DN25	160	115	85	65	16	4-φ014	81	1
DN40	200	150	110	84	18	4-φ18	135	/
DN50	230	165	125	99	20	4-φ18	145	3/8"Rc
DN65	290	185	145	118	20	4-φ18	165	1/2"Rc
DN80	310	200	160	132	22	8-φ18	190	1/2"Rc
DN100	350	220	180	156	24	8-φ18	220	1/2"Rc
DN125	400	250	210	184	26	8-φ18	280	3/4"Rc
DN150	480	285	240	211	26	8-φ23	320	3/4"Rc
DN200	600	340	295	266	30	12-φ23	388	3/4"Rc
DN250	730	405	355	319	32	12-φ28	460	1"Rc
DN300	850	460	410	370	32	12φ28	520	1"Rc
DN350	980	520	470	429	26.5	16φ28	610	2"Rc
DN400	1100	580	525	480	28	16-φ31	690	2"Rc
DN450	1200	640	585	548	30	20-φ31	753	2"Rc
DN500	1250	715	650	609	32	20-φ34	870	2"Rc
DN600	1450	840	770	720	36	20φ37	1025	2"Rc

CLASS 125 - Fig. 6313 (wire mesh) Fig. 6323 (perforated mesh)

SIZE	L	D	D1	D2	b	n-φd	H	Plug
2"	225.4	152	120.5	/	15.9	4-φ19	145	3/8"Rc
2-1/2"	273	178	139.5	/	17.5	4-φ19	155	1/2"Rc
3"	292	191	152.5	/	19.1	4-φ19	190	1/2"Rc
4"	352	229	190.5	1	23.9	8-φ19	220	1/2"Rc
5"	416	254	216	1	23.9	8-φ22	280	3/4"Rc
6"	470	279	241.5	1	25.4	8-φ22	320	3/4"Rc
8"	543	343	298.5	1	28.6	8-φ22	388	3/4"Rc
10"	660.4	406	362	1	30.2	12-φ25	460	1"Rc
12"	762	483	432	1	31.8	12-φ25	520	1"Rc
14"	946.3	533	476	1	35	12-φ29	610	2"Rc
16"	1079	597	539.5	1	36.6	16-φ29	690	2"Rc
18"	1168	635	578	1	39.7	16-φ32	753	2"Rc

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RTC TAIWAN ATYCO Fluid Control

Ytype Strainer

Iron Flanged type

Fig. 6410/6420 DIN PN16

Fig. 6313/6323 ANSI Class150



Iron Flanged Y-Strainer

Y strainers are pipe fittings for mechanically removing particulates from liquid, gas or steam lines by means of a perforated or wire mesh filtering element. They are used in pipelines to protect valuable downstream equipment, like pump, steam traps, regulators and measuring devices and other process equipment.

■ Features

- Y type pattern
- Bolted Cover
- Stainless steel screen, wire mesh or perforated mesh type
- By removal of drain plug for full drainage dismantling bolted cover
- Standard threaded blow-off connection, y-strainer can be fitted with a blow-out valve to facilitate screen cleaning.
- For horizontal or vertical installation position
- Epoxy coating to resist rust and corrosion. FBE coated is optional.
- Easy and quick removal of cover for maintenance

Screen options

Woven Wire Mesh



Mesh screens, which consist of fine stainless steel wire formed into a mesh arrangement in a plain woven pattern (stainless steel woven wire mesh). Wire mesh can be lined and unlined types. Mesh lined type is a mesh reinforced with a perforated sheet as a backup and is widely used for larger strainers, finer mesh size, higher velocity flow and higher pressure applications. Unsupported wire mesh straining elements are only suitable for small size strainers and low pressure applications.

Perforated Sheet



Perforated screen, which is formed by punching a large number of holes in a flat of stainless steel.

Hole sizes range are from 0.20" to 1/2" as standard. A standard perforation size is suitable for general service.

Thickness

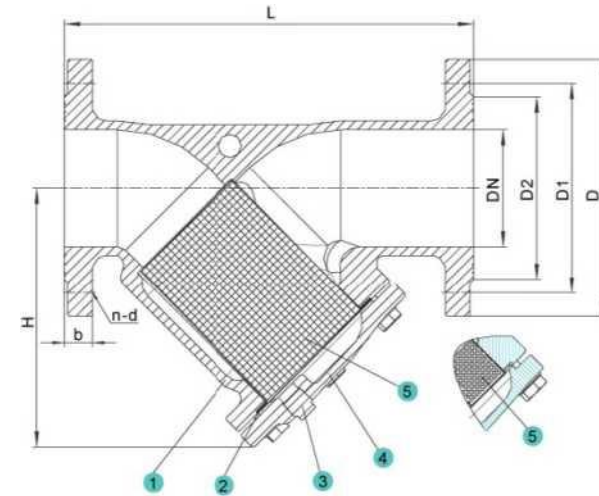
Standard gauge of screen from 22 to 11 depending on hole size. Perforated metal should be not smaller than 1/2" metal thickness. Special thickness for drilled holes are available.

Perforated screens are easy to clean.

Technical Summary

Fig. No.: 6410 / 6420
 Size Range: DN15to DN600
 Rating: PN16
 Face to Face: DIN3202 F1 length
 Flange: EN1092-2 PN10/16
 Inspection & Testing: ISO5208

Fig. No.: 6313 / 6323
 Size Range: 2" to 18"
 Rating: 250 PSI
 Flange: ANSI B16.1 Class 125
 Inspection & Testing: API598



Standard wire mesh size

Valve size	Wire dia.	Opening	% Open area
15-50mm	0.4mm	0.8mm	33%
65-125mm	0.8mm	1.2mm	34%
150-300mm	1.0mm	1.7mm	35%

Standard perforated sheet size

Valve size	Hole dia.	Thickness	% Open area
40-80mm	1.5mm	0.6mm	23%
100-200mm	2.0mm	0.8mm	30%
250-300mm	3.0mm	1.0mm	33%
350-600mm	3.0mm	1.5mm	33%

*** Other customized screen material and perforations are available upon request.

Standard perforated sheet size

Item	Parts	Fig. 6410/6420	Fig. 6313/6323
1	Body	GG25 / GGG50	ASTMA126-B/A536
2	Govern Gasket	Graphite w/Soft Steel, NBR / EPDM	
3	Plug	Zinc Steel BSPT	Zinc Steel NTP
4	Cover	GG25/GGG50	ASTMA126-B/A536
5	Screen	Stainless Steel Wire Mesh, Perforated Screen	