

Y-образные сетчатые фильтры

Технические характеристики

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DIN Flanged Y Strainer

Size Range: DN15-DN600

Pressure: PN16

Body Materials: Ductile Iron

Seat Materials: SS304

Introduction

DIN PN16 Y Strainer

Size Range: DN15-DN600

Pressure: PN16

Body Materials: Ductile Iron

Screen Materials: SS304

Working Temperature: -10~200°C

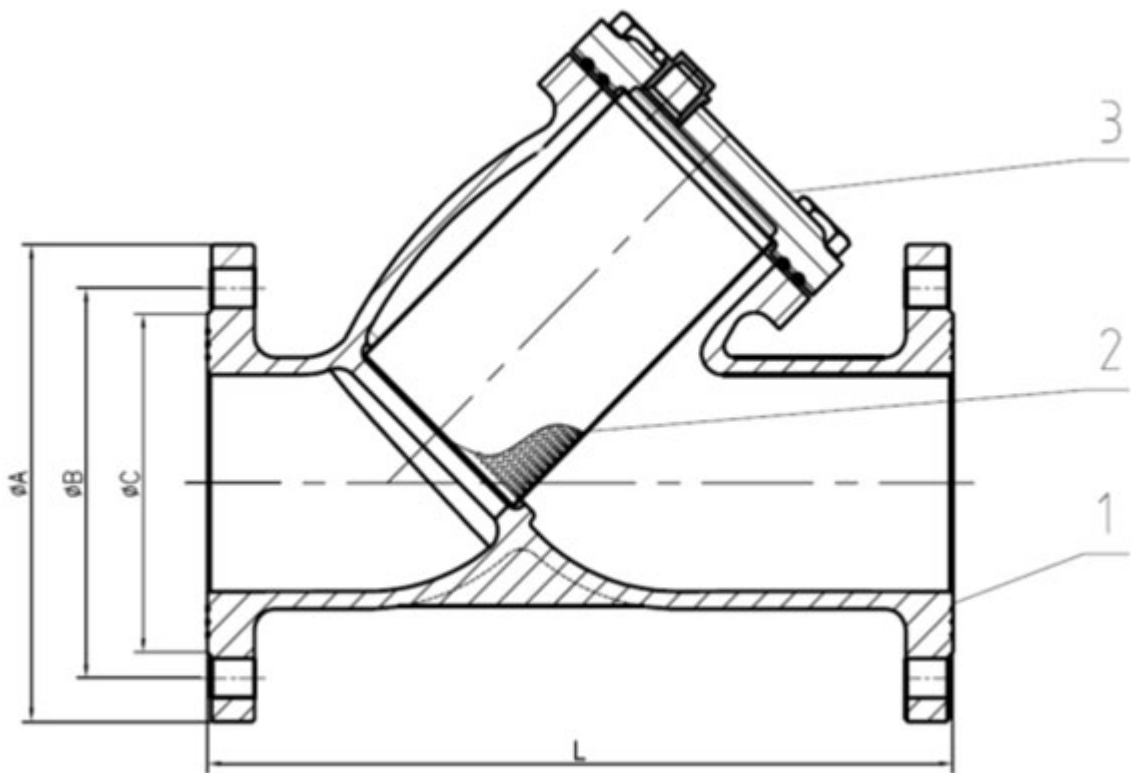
Medium: Water, Oil

Applications: Municipal construction, water project, electricity, water supply and drainage, water treatment, petroleum

1、1. The body is ductile iron, high level than national standard. Tensile strength is 450Mpa, elongation is

- large than 10% , can not be broken easily when transport.
- 2、 The screen adopts 304 steel plate punching, rolling, spot welding, mesh mesh can be customized according to customer requirements, DN200 and above size with reinforcement structure design, high strength of the screen, with erosion resistance, corrosion resistance characteristics, the material of the screen through the spectrometer strict detection, ensure that the chemical composition of the screen meets the standard requirements.
 - 3、 Sealing gasket made of graphite material, high temperature resistance, long service life
 - 4、 The strainer adopts full size form and streamline design to reduce the fluid resistance coefficient of the strainer.The diameter and length of the screen increase, increase the effective filtration area of the screen, reduce the pressure loss
 - 5、 The valve cavity becomes larger, and the circulation area between the screen and the inner wall of the valve body is more than half of the flow channel area, which effectively improves the utilization rate of the mesh at the back of the screen and reduces the pressure loss.
 - 6、 The location of the drain hole in the low end of the valve cover makes the drain more thorough and improves the efficiency of the drain.
 - 7、 Both inner and out part is epoxy coating, the thickness is 250μm minimum,can prevent rust well,can be used in sewage system.

Parameters



Size :						
Nominal Size		L	PN16			n-d
DN	NPS		ΦA	ΦB	ΦC	

15	1/2"	130	95	65	46	4-14
20	3/4"	150	105	75	56	4-14
25	1"	160	115	85	65	4-14
32	1 1/4"	180	140	100	76	4-18
40	1 1/2"	200	150	110	84	4-18
50	2"	230	165	125	99	4-18
65	2 1/2"	290	185	145	118	4-18
80	3"	310	200	160	132	8-18
100	4"	350	220	180	156	8-18
125	5"	400	250	210	184	8-18
150	6"	480	285	240	211	8-22
200	8"	600	340	295	266	12-22
250	10"	730	405	355	319	12-26
300	12"	850	460	410	370	12-26
350	14"	980	520	470	429	16-26
400	16"	1100	580	525	480	16-30
450	18"	1200	640	585	548	20-30
500	20"	1250	715	650	609	20-33
600	24"	1450	840	770	720	20-36



ANSI Class150 Y strainer

Size Range: 1/2"--18"

Pressure: Class 150

Body Materials: cast iron,WCB,stainless steel 304(CF8)

Introduction

Product introduction

Y-type filter is a indispensable device in transmission pipeline system, usually installed inlet in pressure reducing valve, pressure relief valve, water valve and other device, the valve is used to remove impurities in order to protect the valve and equipment in normal use.

Size:1/2"--18"

Material: cast iron,WCB,stainless steel 304(CF8)

Pressure: Class 150

Connection:Flange

Temperature range: $\leq 250^{\circ}\text{C}$

Applicable Media:water,oil

Adoptive Standards

Valve Design: DIN3352
Face To Face: DIN3202, BS2080
Flange Drilling: DIN2531/2/3, BS4504

Product Advantage

- 1.Strainer body meets applicable DIN standard,large inner space,reduce pressure drop.
- 2.Ductile iron body material,can't broken by transfer and install.
- 3.Streamline design for low pressure drop.
- 4.Epoxy coating,prevent corrosion and rust.
- 5.There is pressure tap leave on the bonnet,can install pressure measuring device to test pipe pressure.
- 6.The drain plug can be changed to ball valve according to customer's request.The ball valve can connect with drain pipe.No need to assemble the bonnet when drain contamination with pressure.
- 7.Can supply different precision filter according to different customer's request,clean easily.
- 8.Dimension of inner cavity inlet is 1.2-1.3 time larger than size,the screen length is 1.5 time than normal,improve flow,Extended cleaning cycle.
- 9.The screen is install by 45 degree,the mesh area is 3-4 times larger than nominal diameter area, lower flow resistance,larger flow.
- 10.Since founded in 1994, own production, sales, design,afterale, we are your strong support when sale and use.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters

Normal diameter	Test pressure MPa		Suitable temperature°C	Suitable medium
MPa	shell	seal		
1.6	2.4	1.76	≤250	Water,stream,oil

Body bonnet	Cast iron,ductile iron,HT200、QT400-15
Screen	SS304

DIMENSIONS IN INCHES AND MILLIMETERS						
DN	L	Dk	D	b	n-d	H
2"	225.4	121	152	16	4-19	161
2.5"	273	140	178	17.5	4-19	183
3"	292	152.5	190	19	4-19	219
4"	352	190.5	229	24	8-19	238
5"	416	216	254	23.8	8-22	279.3
6"	470	241.3	279	25.4	8-22	315
8"	543	298.5	343	28.6	8-22	400
10"	660.4	362	406	30.2	12-25	482
12"	762	432	483	31.8	12-25	564.6
14"	949	476	533	35	12-29	744
16"	1079.5	570	597	36.6	12-29	846



ANSI Class 125 Y Strainer

Size Range: 3/4"8"/DN20-200

Pressure: Class 125

Body Materials: cast iron,WCB,stainless steel 304(CF8)

Introduction

Flange Y-type strainer Y-type filter is a indispensable device in transmission pipeline system, usually installed inlet in pressure reducing valve, pressure relief valve, water valve and other device, the valve is used to remove impurities in order to protect the valve and equipment in normal use.

Adoptive Standards

Valve Design: DIN3352

Face To Face: DIN3202, BS2080

Flange Drilling: DIN2531/2/3, BS4504

Product Advantage

- 1.Strainer body meets applicable DIN standard,large inner space,reduce pressure drop.
- 2.Ductile iron body material,can't broken by transfer and install.
- 3.Streamline design for low pressure drop.
- 4.Epoxy coating,prevent corrosion and rust.
- 5.There is pressure tap leave on the bonnet,can install pressure measuring device to test pipe pressure.
- 6.The drain plug can be changed to ball valve according to customer's request.The ball valve can connect with drain pipe.No need to assemble the bonnet when drain contamination with pressure.
- 7.Can supply different precision filter according to different customer's request,clean easily.
- 8.Dimension of inner cavity inlet is 1.2-1.3 time larger than size,the screen length is 1.5 time than normal,improve flow,Extended cleaning cycle.
- 9.The screen is install by 45 degree,the mesh area is 3-4 times larger than nominal diameter area, lower flow resistance,larger flow.
- 10.Since founded in 1994, own production, sales, design,afterale, we are your strong support when sale and use.

Standard Test

Body Test: 1.5 times the working pressure with water. This test is performed after valve assembly and with disc in half position open, it is called as a body hydro test.

Seat Test: 1.1 times the working pressure with water.

Function / Operation Test: At the time of final inspection, each valve and its actuator (Flow-Control Lever / Gear / Pneumatic Actuator), under goes a complete operating test (Open/Close). This test carried out without pressure and at ambient temperature. It ensures the correct operation of the valve / actuator assembly with accessories such as solenoid valve, limit switches, air filter regulator etc.

Special Test: On request, any other test can be carried out according to special instruction by client.

Parameters

Normal diameter	Test pressure MPa		Suitable temperatute°C	Suitable medium
MPa	shell	seal		
1.6	2.4	1.76	≤250	Water,stream,oil

Body bonnet	Cast iron,ductile iron,HT200、 QT400-15
Screen	SS304

DIMENSIONS IN INCHES AND MILLIMETERS						
DN	L	Dk	D	b	n-d	H
2"	225.4	121	152	16	4-4	161
2.5"	273	140	178	17.5	4-4	183
3"	292	152.5	190	19	4-4	219
4"	352	190.5	229	24	6-6	238
5"	416	216	254	23.8	6-9	279.3
6"	470	241.3	279	25.4	6-9	315
8"	543	298.5	343	28.6	6-9	400
10"	660.4	362	406	30.2	9-4	482
12"	762	432	483	31.8	9-4	564.6
14"	949	476	533	35	9-8	744
16"	1079.5	570	597	36.6	9-8	846



Stainless Steel Y-strainer

Size Range: DN50-DN600

Pressure: PN16

Body Materials: CF8

Cover materials: CF8

Introduction

Features:

Name: Stainless Steel Y-strainer

Size: DN50-DN600

Pressure: PN16

Working temperature: 0°C ~ 200°C

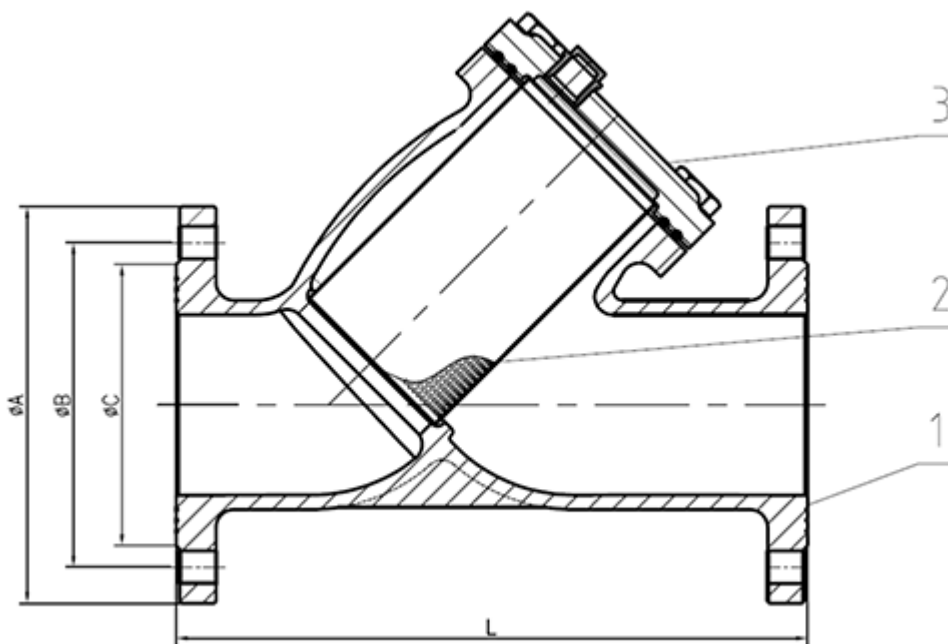
Suitable medium: Water, steam, oil, etc

Application : Municipal construction, water conservancy projects, electricity, water supply and drainage, water treatment, chemical industry

Advantages:

1. Precision casting body, fine appearance, no trachoma.
2. Heavy type valve body.
3. Stainless steel 304 filter screen.
4. Full welding process for filter screen, the opening rate of screen reaches 80%. Wear and corrosion resistance are improved.
5. Each valve will be inspected for shell and seal pressure before leaving factory.

Parameters



Executive standard :						
Name	Design and manufacture	Face to face Length	Pressure Test	End flange		
Reference standard	SH/T 3411-1999	GB/T 14382-2008	GB/T 13927-2008 API 598	HG/T 20592-2009(PN series) HG/T		

				20615-2009(Class series)		
Material of Main Parts:						
Name	Body	Filter Screen	End cover			
Material	CF8	304	CF8			
Dimensions :						
Size		L	PN16		Class150	
DN	NPS(Inch)		ΦA	ΦB	ΦA	ΦB
50	2"	215	165	125	150	120.7
65	2 1/2"	250	185	145	180	139.7
80	3"	285	200	160	190	152.4
100	4"	305	220	180	230	190.5
125	5"	345	250	210	255	215.9
150	6"	385	285	240	280	241.3
200	8"	487	340	295	345	298.5
250	10"	454	405	355	405	362
300	12"	605	460	410	485	431.8
350	14"	680	520	470	535	476.3
400	16"	757	580	525	595	539.8
450	18"	850	640	585	635	577.9
500	20"	895	715	650	700	635
600	24"	1070	840	770	815	749.3



Carbon Steel Y-strainer

Size Range: DN50-DN600

Pressure: PN16

Body Materials: WCB

Cover materials: WCB

Introduction

Features:

Name: Carbon Steel Y-strainer

Size: DN50-DN600

Pressure: PN16

Working temperature: 0°C ~ 200°C

Suitable medium: Water, steam, oil, etc

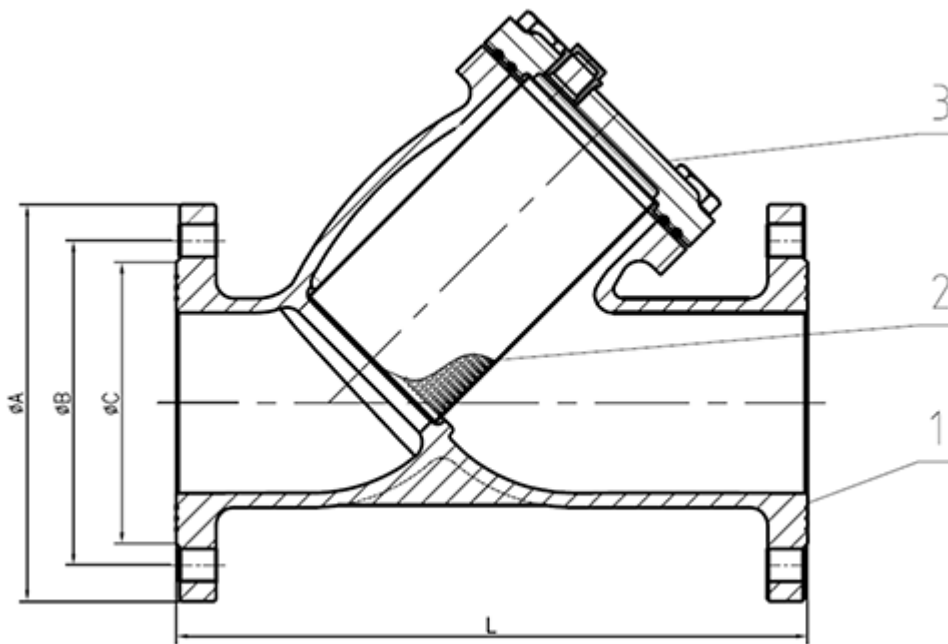
Body: WCB

Application: Municipal construction, water conservancy projects, electricity, water supply and drainage, water treatment, chemical industry

Advantages:

1. Precision casting body, fine appearance, no trachoma.
2. Heavy type valve body.
3. Stainless steel 304 filter screen.
4. Full welding process for filter screen, the opening rate of screen reaches 80%. Wear and corrosion resistance are improved.
5. Each valve will be inspected for shell and seal pressure before leaving factory.

Parameters



Executive standard :						
Name	Design and manufacture	Face to face Length	Pressure Test	End flange		
Reference standard	SH/T 3411-1999	GB/T 14382-2008	GB/T 13927-2008 API 598	HG/T 20592-2009(PN series) HG/T		

				20615-2009(Class series)		
Material of Main Parts:						
Name	Body	Filter Screen	End cover			
Material	WCB	304	WCB			
Dimensions :						
Size		L	PN16		Class150	
DN	NPS(Inch)		ΦA	ΦB	ΦA	ΦB
50	2"	215	165	125	150	120.7
65	2 1/2"	250	185	145	180	139.7
80	3"	285	200	160	190	152.4
100	4"	305	220	180	230	190.5
125	5"	345	250	210	255	215.9
150	6"	385	285	240	280	241.3
200	8"	487	340	295	345	298.5
250	10"	454	405	355	405	362
300	12"	605	460	410	485	431.8
350	14"	680	520	470	535	476.3
400	16"	757	580	525	595	539.8
450	18"	850	640	585	635	577.9
500	20"	895	715	650	700	635
600	24"	1070	840	770	815	749.3



Ductile iron Y strainer

Size Range: DN15-DN600

Pressure: 150LB

Body Materials: DI

Cover materials: DI

Introduction

Features:

Name: Ductile iron Y strainer

Size: DN15-DN600

Pressure: 150LB

Working temperature: -10~200°C

Suitable medium: Water, Oil

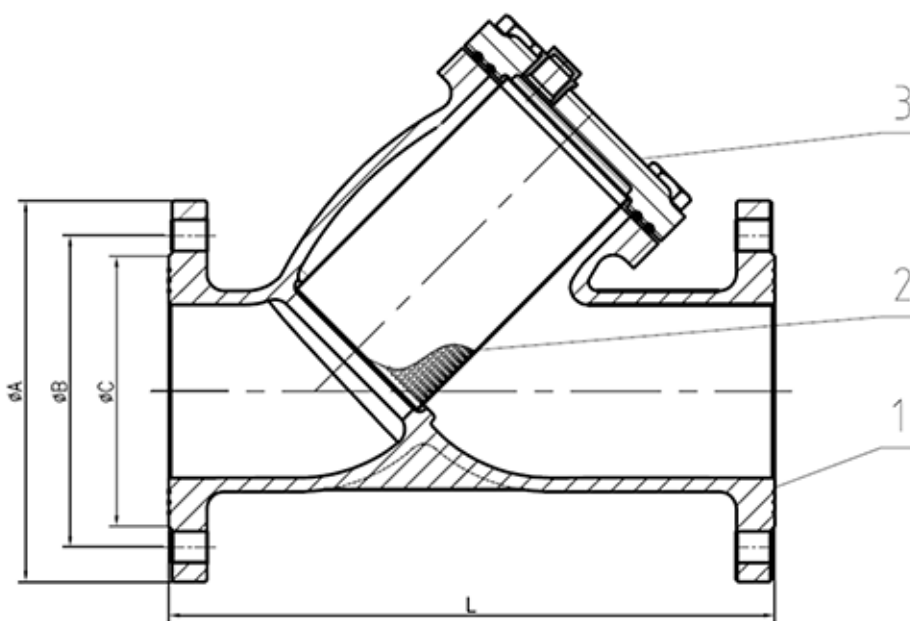
Body: DI

Application: Municipal construction, water project, electricity, water supply and drainage, water treatment, petroleum

Advantages:

1. The body is ductile iron, high level than national standard. Tensile strength is 450Mpa, elongation is large than 10%, can not be broken easily when transport.
2. The screen adopts 304 steel plate punching, rolling, spot welding, mesh mesh can be customized according to customer requirements, DN200 and above size with reinforcement structure design, high strength of the screen, with erosion resistance, corrosion resistance characteristics, the material of the screen through the spectrometer strict detection, ensure that the chemical composition of the screen meets the standard requirements.
3. Sealing gasket made of graphite material, high temperature resistance, long service life
4. The strainer adopts full size form and streamline design to reduce the fluid resistance coefficient of the strainer. The diameter and length of the screen increase, increase the effective filtration area of the screen, reduce the pressure loss
5. The valve cavity becomes larger, and the circulation area between the screen and the inner wall of the valve body is more than half of the flow channel area, which effectively improves the utilization rate of the mesh at the back of the screen and reduces the pressure loss.
6. The location of the drain hole in the low end of the valve cover makes the drain more thorough and improves the efficiency of the drain.
7. Both inner and out part is epoxy coating, the thickness is 250 μ m minimum, can prevent rust well, can be used in sewage system.

Parameters



Size :

Nominal Size		L	150LB			n-d
DN	NPS (inch)		ΦA	ΦB	ΦC	
15	1/2"	130	90	60.3	35	4-16
20	3/4"	150	100	69.9	43	4-16
25	1"	160	110	79.4	51	4-16
32	1 1/4"	180	115	88.9	64	4-16
40	1 1/2"	200	125	98.4	73	4-16
50	2"	225.4	150	120.7	92	4-19
65	2 1/2"	273	180	139.7	105	4-19
80	3"	292	190	152.4	127	4-19
100	4"	352	230	190.5	157	8-19
125	5"	416	255	216	186	8-22
150	6"	470	280	241.3	216	8-22
200	8"	543	345	298.5	270	8-22
250	10"	660.4	405	362	324	12-25
300	12"	762	485	431.8	381	12-25
350	14"	980	535	476.3	413	12-29
400	16"	1100	595	539.8	470	16-29
450	18"	1200	635	577.9	533	16-32
500	20"	1250	700	635	584	20-32
600	24"	1450	815	749.3	692	20-35

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