

## Category DIN Y Strainer-EN 12516-Specification



## DIN Y Strainer

### Figure: DIDTEKDYS

Didtek DIN Y Strainer are manufactured to the latest edition of EN 12516 and tested to EN 12266-1.

#### Application & Function:

Didtek DIN Y Strainer is a device for mechanically removing solids from flowing liquids or gases by means of a perforated straining element. It has a strong construction screen with extra and large screen area within the body assuring free flow of fluid with minimal head loss. These strainers are vital to protect control valves, pressure reducing valves, steam traps, pumps and measuring equipments from damage by the scale or dirt in the piping system.

Didtek DIN Y Strainer can be installed in horizontal and vertical positions in the piping systems. It is widely used in process industries such as Palm Oil and Refinery Plant, Food Industries, Petrochemical, Heating and Cooling System.

#### Features:

- With one machined seat & blow-off, cover & gasket design.
- Y strainers are easy to replace the screen
- Low pressure drop streamlined design
- May be installed in vertical or horizontal pipeline

#### Applicable Standards:

- Design EN 12516
- Face to face EN 558-1
- End Flanges EN 1092-1
- Butt welding ends EN 12627
- Inspection and test EN 12266-1.

#### Size Range:

- DN15~DN600

#### Pressure Rating:

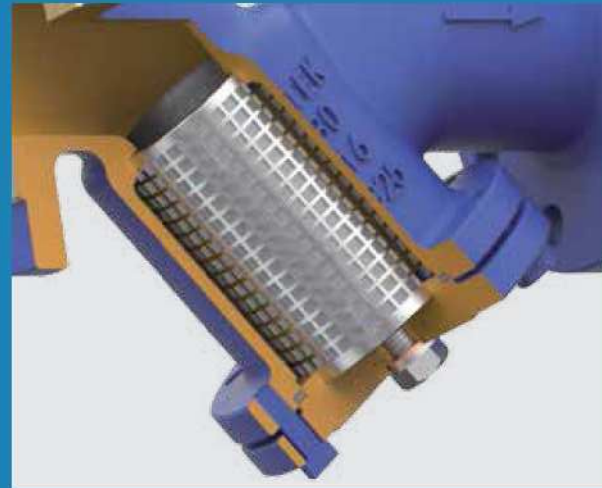
- PN16~PN40

#### Temperature Range:

- -50°C~650°C



Drain plug available with different Materials.



Meshes Screen in different materials and size.

#### Design Description:

- Bolted Bonnet
- Stainless Steel Screen
- Drain Plug
- Flange Ends
- Butt welding Ends
- One piece body
- Unidirection

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## Technical Data

Do	L	A	KV	Drain plug size
15	130	22	7	M16*1.5
20	150	28	11	M16*1.5
25	160	35	18	M16*1.5
32	180	44	26	M16*1.5
40	200	50	37	M27*2
50	230	62	60	M27*2
65	290	77	100	M27*2
80	310	91	150	M27*2
100	350	117	230	M33*2
125	400	144	330	M33*2
150	480	172	400	M33*2
200	600	223	650	M33*2
250	730	278	1200	M33*2
300	850	329	1900	M33*2
350	980	362	2580	M33*2
400	1100	413	3345	M33*2



1. Didtek Woven wire for liquid medium.



2. Didtek Dense woven wire for gas medium.

## 1. Didtek Woven wire for liquid medium.

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Kvs-values	6.3	11	17.5	28	44	69	118	178	270	420	620	1150	1700	2500	3400	4400
Woven wire Size	0.6mm						12mm					15mm				
Wire thickness	0.5mm						0.8mm					1.00mm				

## 2. Didtek Dense woven wire for gas medium.

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Kvs-values	5.2	9.1	16.5	26	42	62	100	158	230	370	550	1000	1600	2400	3200	4200
Dense Woven Wiresize	60-100 Mesh															
Wire Thickness	0.20 mm															

**Category DIN Y Strainer-EN 12516-3D Draw And Materials**


Parts name	Part Name	Carbon Steel to DIN	Stainless Steel to DIN		Parts name
1	Bolt	A193 B7	A193 B8	A193 B8M	1
2	Nut	A194 2H	A194 8	A194 8M	2
3	Plug	Carbon Steel	Stainless Steel		3
4	Cover	GS-C25/1.0619/GP240GH	1.4308	1.4408	4
5	Gasket	SS304+Graphite/PTFE			5
6	Screen	F304	F304	F316	6
7	Body	GS-C25/1.0619/GP240GH	1.4308	1.4408	7
8	Washer	65Mn	SS 304	SS 304	



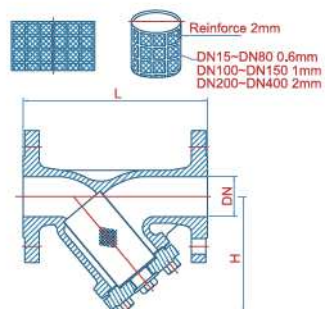
Category DIN Y Strainer-EN 12516--Product's Picture



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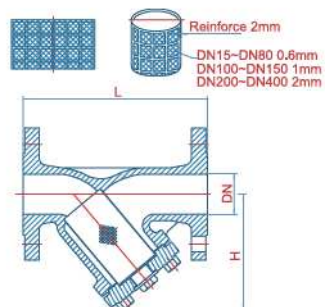


Category DIN Y Strainer-EN 12516--Table Of Available Dimensions



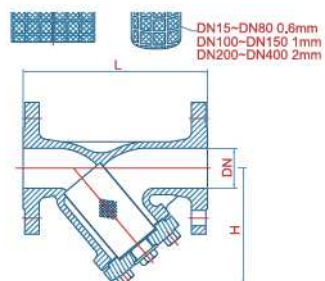
PN16

Valve Size		DN 15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN 100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
Face to Face	L1:RF	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
	L2:BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
Valve Height(H)		85	95	110	125	145	155	170	205	230	270	318	400	555	620	700	820
Weight(Kg)		2.8	3.8	5.3	7.2	9	11.8	16.2	22.4	35	45.4	62	132	220	330	540	830



PN25

Valve Size		DN 15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
Face to Face	L1:RF	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
	L2:BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
Valve Height(H)		85	95	110	125	145	155	170	205	230	270	318	400	555	620	700	820
Weight(Kg)		2.8	3.8	5.3	7.2	9	11.8	16.8	24	38.8	50.1	68	143	233.4	350	574	875



PN40

Valve Size		DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN 100	DN125	DN150	DN200	DN250	DN300	DN350	DN400
Face to Face	L1:RF	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
	L2:BW	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100
Valve Height(H)		85	95	110	125	145	155	170	205	230	270	318	400	555	620	700	820
Weight(Kg)		2.8	3.8	5.3	7.2	9	11.8	17.4	24.6	39.7	52.5	70.4	153	250	360	614	940