

Y- STRAINER

EN13442 - 2 : 2005

EN1092 -2 Flanged Ends

DN40 - DN300

I-VALVE^R



Y type Strainer is the filtration equipment which is to prevent impurities in the flow media from flowing into the back-end equipment. The strainer is usually being installed before the Water Control Valves, Pressure Reducing Valves and other equipments sensitive to medium cleanliness in order to prevent particulate impurities entering into the back-end equipment to ensure the normal operation of the back-end equipment. The screen superficial area is 4 times of the relative area, so as to achieve a low flow resistance, which ensures the screen from deformation when the differential pressure in the pipeline is too large. Mesh of the screen can be changed according to customer requirements.

Features:

- Face to face: EN 558-1
- Flanges: EN 1092-2 PN10/16
- Pressure Rate: PN10/16
- Hydraulic pressure test to 1.5 x PN
- Coating: Fusion bonded epoxy coating
- Medium: Neutral water, Drinking water, Sewage
- Temperature Range: 0°C - 80°C

- Bonnet and cover bolts are in No.1.43.01 (AISI 304),
- Coating - Electrostatically applied fusion bonded epoxy coating inside & outside for excellent corrosion resistance. Standard color RAL 5005, other colors upon request.
- Designed and built to widely recognized standards.
- 100% testing before packing and delivery

Standard Strainer Screen

DN50-80	Mesh aperture: 2 mm Mesh thickness: 0.8 mm
DN100-150	Mesh aperture: 3 mm Mesh thickness: 1 mm
DN200-300	Mesh aperture: 5 mm Mesh thickness: 1.2 mm



1. For long-term storage Y Strainer should be placed in a cool dry place, not allow to be stored or stacked in the open air.

2. Installation:

(1) Check whether the working condition is matched with the strainer pressure, temperature, corrosion resistance or not before installation;

(2) Attention should be paid that the flow direction of the medium should be in line with the arrow direction on the valve body when installing the strainer;

(3) Both sides of the flange connections must be parallel and coaxial;

(4) Check all the fasteners are loose, damaged or not;

(5) Fasten the flange bolts symmetrically and alternately;

(6) The daily sewage treatment can be done as long as removing the sewage bolts;

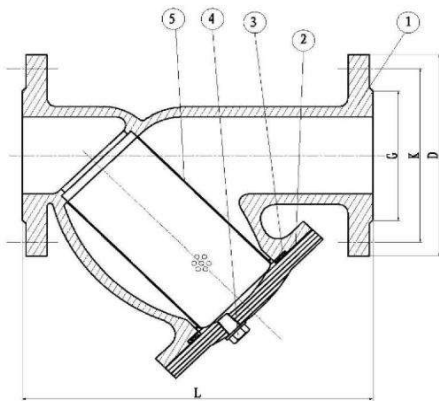
(7) After long-term use by extracting the sewage cover can do the filter for cleaning and remove the retained impurities on the screen.

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No.	PART NAME	MATERIAL	STANDARD
1	Body	EN-GJS_500/7	ASTM A536
2	Cover	EN-GJS_500/7	ASTM A536
3	Gasket	EPDM	ISO 4633
4	Bolts	1.43.01	ASTM A959
5	Screen	1.43.01	ASTM A959

Size	Face to face (L)	END FLANGE acc.EN 1092-2 PN10/16					
	EN 558-1	D	K	G	f	B	n-d
DN40	200	150	110	84	3	19	4-Φ 19
DN50	230	165	125	99	3	19	4-Φ 19
DN65	290	185	145	118	3	19	4-Φ 19
DN80	310	200	160	132	3	19	8-Φ 19
DN100	350	220	180	156	3	19	8-Φ 19
DN125	400	250	210	184	3	19	8-Φ19
DN150	480	285	240	211	3	19	8-Φ23
DN200	600	340	295	266	3	20	8-Φ 23 / 12-Φ 23
DN250	730	395 / 405	350 / 355	319	3	22	12-Φ 23 / 12-Φ 28
DN300	850	445 / 460	400 / 410	370	4	24.5	12-Φ 23 / 12-Φ 28