



Characteristics

Y type Strainer, which 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 equipment 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.

Main features

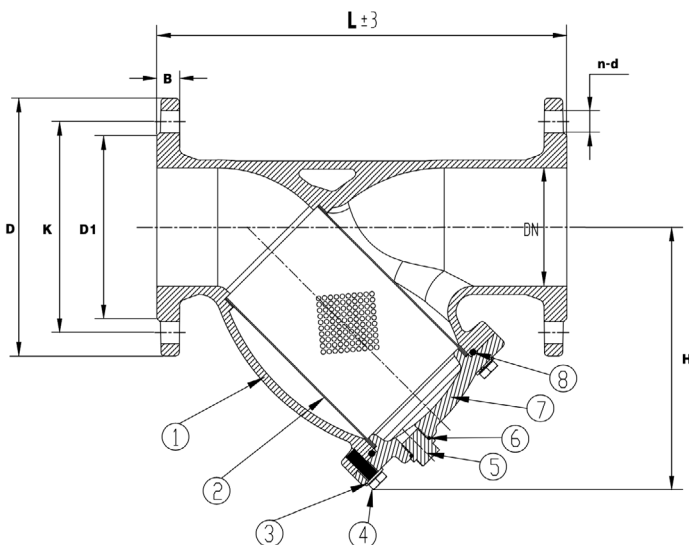
- Mesh of the screen can be changed according to customer.
- 100% testing before packing and delivery.
- Bonnet bolts are in SS304 to prevent corrosion. Other materials upon request.
- Drain plug at lowest point enables full drainage without removing the cover
- Drinking water approved EPDM O-ring
- Potable water approved epoxy coating, fusion bonded according DIN 3476-1, EN 14901
- Whole product WRAS approved for drinking water.

Standards

- Hydraulic tests according to EN-12266-1
- Designed to EN558-1
- Flanges to EN1092-2 PN10 / PN16

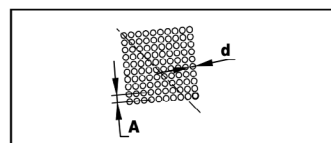
Service fields

- Water and neutral liquid applications
- Main transmission pipelines
- Irrigation system
- Fire fighting



Technical details

ITEM	PART NAME	MATERIAL
1	Body	Ductile Iron
2	Screen	SS AISI304
3	Flat washer	SS AISI304
4	Bolt	SS AISI304
5	Plug	SS AISI304
6	O Ring	NBR
7	Bonnet	Ductile Iron
8	O Ring	NBR



Dimensions (mm)

DN	Outline (mm)		Flange dimension (EN1092-2) PN10/16					Screen dimension	
	H	L (face to face)	D	K	n-d	D1	B	A	d
		DIN-F1							
40	120	200	ø150	ø110	4-ø19	ø84	19	3,15	ø2
50	140	230	ø165	ø125	4-ø19	ø99	19	3,15	ø2
65	175	290	ø185	ø145	4-ø19	ø118	19	3,15	ø2
80	200	310	ø200	ø160	8-ø19	ø132	19	3,15	ø2
100	225	350	ø220	ø180	8-ø19	ø156	19	4,25	ø2
125	260	400	ø250	ø210	8-ø19	ø184	19	4,25	ø3
150	310	480	ø285	ø240	8-ø23	ø211	19	4,25	ø3
200	390	600	ø340	ø295	8-ø23 / 12-ø23	ø266	20	7	ø5
250	480	730	ø405	ø350 / ø355	12-ø23 / 12-ø28	ø319	22	7	ø5
300	560	850	ø460	ø400 / ø410	12-ø23 / 12-ø28	ø370	24,5	7	ø5
350	613	980	ø520	ø460 / ø470	16-ø23 / 16-ø28	ø429	27	7	ø5
400	691	1100	ø580	ø515 / ø525	16-ø28 / 16-ø31	ø480	28	7	ø5
450	765	1200	ø640	ø565 / ø585	20-ø28 / 20-ø31	ø548	30	7	ø5
500	850	1250	ø715	ø620 / ø650	20-ø28 / 20-ø34	ø609	32	7	ø5
600	986	1450	ø840	ø725 / ø770	20-ø31 / 20-ø37	ø720	36	7	ø5