



AVK Y-STRAINER, PN 16

DN50-300, Stainless steel plug and fasteners

910

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The Y-strainers are installed in water systems to filter out pebbles and other impurities that could damage the equipment. They are designed with focus on easy maintenance and low head loss.

Product Description:

Y-strainer with SS screen

Standards:

- Designed according to manufacturer standard
- Standard flange drilling to EN1092-2 (ISO 7005-2), PN 10/16

Test/Approvals:

- Hydraulic pressure tested to 1.5 X PN

Features:

- The position of the drain plug enables full drainage without removing the lid
- Quick removal of lid for maintenance
- Lifting eye from DN 100 for easy handling
- Nuts are fixed in cast slots to prevent corrosion of threads
- Screen of stainless steel in robust one-piece design
- Drinking water approved EPDM O-ring
- Fusion bonded epoxy coating according to DIN 30677-2, GSK approved
- Optional pressure transmitter ports for measuring differential pressure

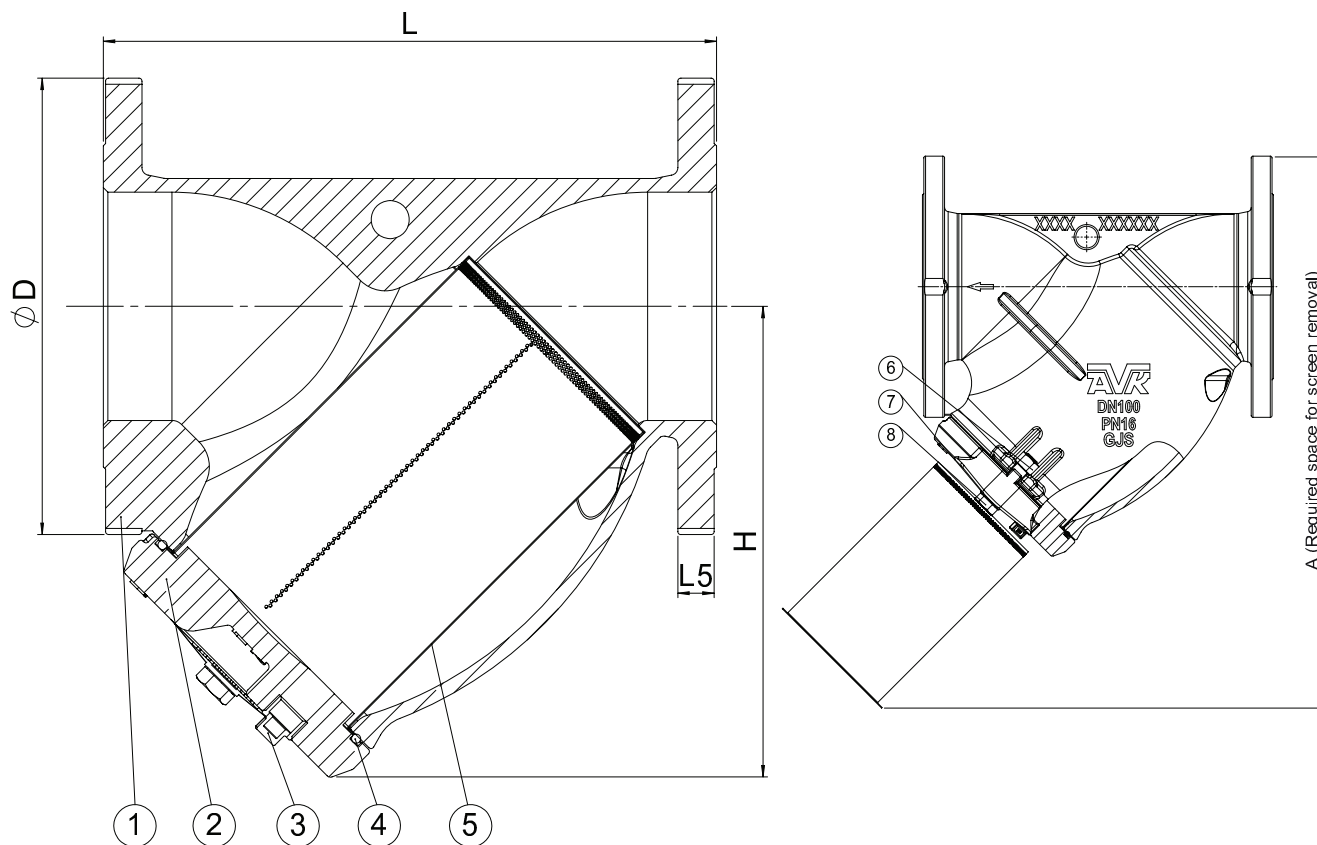


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Component List:

1. Body	Ductile iron GJS-450	2. Lid	Ductile iron GJS-450
3. Drain plug	Stainless steel 304	4. O-ring	EPDM rubber
5. Screen	Stainless steel 304	6. Nut	Stainless steel 304
7. Washer	Stainless steel 304	8. Bolt	Stainless steel 304

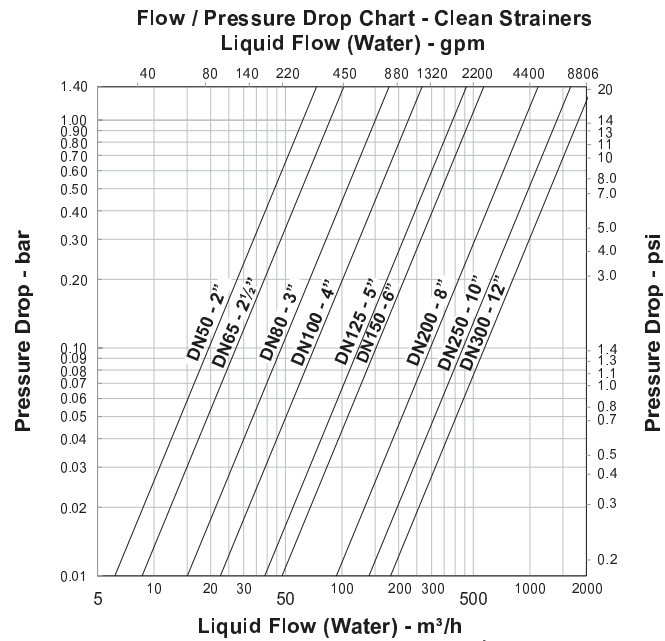
Components may be substituted with equivalent or higher class materials without prior notification.

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	Flange drilling	L mm	ØD mm	L5 mm	H mm	A mm	Open area ratio	Theoretic. weight kg
910-0050-21-011020004	50	PN10/16	216	165	19	129	290	3.481	8.2
910-0065-21-011020004	65	PN10/16	241	185	19	158	350	3.396	11
910-0080-21-011020004	80	PN10/16	283	200	19	187	407	3.341	13
910-0100-21-011020004	100	PN10/16	305	220	19	230	489	3.293	17
910-0125-21-011020004	125	PN10/16	381	250	19	260	545	3.262	25
910-0150-21-011020004	150	PN10/16	403	285	19	307	645	3.343	33
910-0200-21-011020004	200	PN16	521	340	20	402	831	3.343	60
910-0200-21-311020004	200	PN10	521	340	20	402	831	3.343	60
910-0250-21-011020004	250	PN16	635	405	22	484	996	3.121	97
910-0250-21-311020004	250	PN10	635	405	22	484	996	3.121	97
910-0300-21-011020004	300	PN16	749	460	24.5	576	1178	3.125	142
910-0300-21-311020004	300	PN10	749	460	24.5	576	1178	3.125	142

Comments:

Open area ratio: Sum of open area in the screen divided by area of the bore in nominal pipe diameter.



Standard strainer screen

DN50-100	Mesh aperture : 1.5mm (MA) Mesh thickness : 0.8mm
DN125-150	Mesh aperture : 2mm Mesh thickness : 0.8mm
DN200	Mesh aperture : 2.5mm Mesh thickness : 1mm
DN250-300	Mesh aperture : 2.7mm Mesh thickness : 1.2mm

