

FIVC Y-Strainer

Ductile Iron – PN 16 – WRAS – EN 1092-2



FYS series

Technical data

Main features and materials

- Body: Ductile Iron
- Cover: Ductile Iron
- Screen: Stainless Steel
- Sealing ring: EPDM
- USP: WRAS approved
Compact settlement
Environment-friendly
Cleaning without disassembling
- Dimensions: Face-to-Face acc. to EN 558 (series 1)
- Closing tightness: EN 12266-1

Field of applications

- Temperature range: -10 to 85 °C
- Max. working pressure: 16 bar

- Hot and cold water plants
- Industrial Technologies
- Heat and refrigerating, engineering and air-conditioning

Description

FIVC Y-Strainer is designed to collect and prevent solid impurities from entering the pipeline that can cause malfunction and damage to the most sensitive plant components such as pumps, control valves, flow, and heat meters. The strainer holds solid particles, debris, which dimensions exceeds screen mesh.

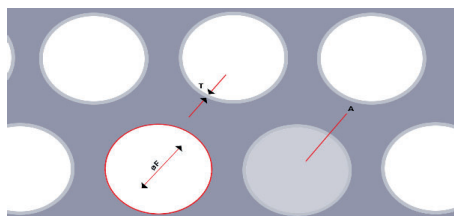
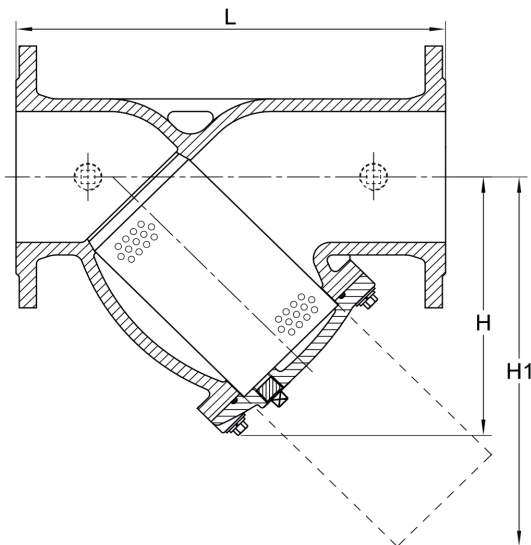
The collected debris can thereby be disposed and the filter can be cleaned without removing the strainer from the line.

Declaration

The product has been inspected and tested in accordance with the European PED Directive N° 2014/68/EU, dated 15/05/2014.



Dimensions



Product code	Size (DN)	L	H	H1	Kg
FYS065N16231	65	290	137	205	-
FYS080N16231	80	310	152	238	-
FYS100N16231	100	350	205	318	-
FYS125N16231	125	400	244	358	-
FYS150N16231	150	480	269	380	-
FYS200N16231	200	600	341	508	-
FYS250N16231	250	730	455	700	-
FYS300N16231	300	850	476	730	-
FYS350N16231	350	980	725	1130	-
FYS400N16231	400	1100	820	1285	-
FYS450N16231	450	1200	840	1260	-
FYS500N16231	500	1250	915	1350	-
FYS600N16231	600	1450	1100	1675	-

Dimensions are in millimeters

Screen Information

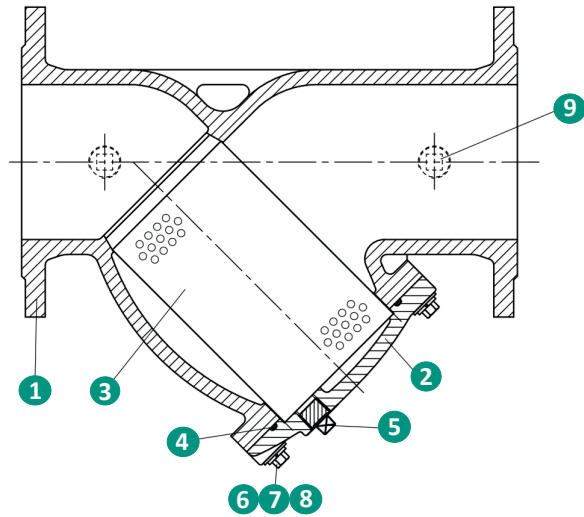
ST*	Mesh*	T*	ØF*	A*
	per inch ²	mm	mm	%
Perforated	104 (DN 65-150)	0.8 (DN 65-125)	1.5 (DN 65-150)	29.3 (DN 65-150)
	26 (DN 200-350)	1.2 (DN 150-300)	2.5 (DN 200-350)	20.4 (DN 200-300)
		1.4 (DN 350)		42.3 (DN 350-400)
	22 (DN 400-600)	1.8 (DN 400-600)	3.5 (DN 400-600)	33.8 (DN 450-600)

*ST: Screen type • Mesh: number of holes • T: Thickness of sheet • ØF: Inscribed hole diameter • A: Opening area

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Product Specification



N°	Name	Material
1	Body	Ductile Iron EN-GJS-400 BS EN 1563
2	Cover	Ductile Iron EN-GJS-400 BS EN 1563
3	Screen	Stainless Steel BS EN 10088 X5CrNi18-10
4	Sealing ring	WRAS EPDM
5	Drain plug	Stainless Steel BS EN 10088 X5CrNi18-10
6	Bolt	Carbon Steel Galvanized EN 10083-2 C45
7	Spring Washer	Carbon Steel Galvanized EN 10132-4 C67S
8	Washer	Carbon Steel Galvanized EN 10083-2 C45
9	Test point plug R ₁ 1/4"*	C35E

*The test point plug R₁ can be produced acc. to client's demand, however this device is not included in the standard strainer.