Y-Strainers

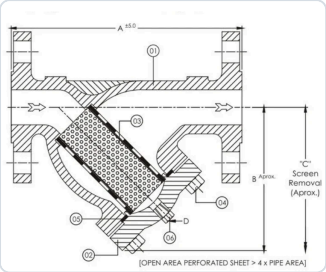
EQUIPMENT PROTECTION

Y-strainers remove solid particles such as scale, weld slag and debris from a pipeline before they reach valves, pumps, meters and other equipment. A perforated screen inside the Y-shaped body traps the particles while the fluid passes through. UTC VALVES manufactures and supplies strainers alongside its valve range to protect valves and process equipment.

Y-type strainer



Size range	½" to 16" (flanged and butt-weld ends)
Pressure rating	Class 150 to 2500
Body material	ASTM A216 WCB / A351 CF8 / A351 CF8M
Screen	SS 304 / SS 316



Weights and dimensions are for reference only. Final data is confirmed in the quotation and approved drawings.

Dimensions & technical details (mm)

Size (in)	Size (mm)	A	B	C	D	Screen area (cm²)	Weight (kg) approx.
1"	25	165	100	155	½"	77	4
1-1/2"	40	203	118	180	½"	120	6.5
2"	50	229	145	225	½"	189	10
2-1/2"	65	279	159	250	½"	274	16
3"	80	318	200	315	½"	452	24
4"	100	368	302	490	½"	742	46
5"	125	425	312	495	¾"	1120	56
6"	150	470	415	700	¾"	1648	75
8"	200	597	450	715	¾"	2565	120
10"	250	673	560	910	¾"	3923	205
12"	300	775	675	1110	¾"	6033	345
14"	350	860	759	1245	¾"	7850	480
16"	400	1125	984	1650	1"	10178	570

Material list

No.	Part	Carbon steel	SS 304	SS 316	Qty
1	Body	ASTM A 216 WCB	ASTM A 351 CF8	ASTM A 351 CF8M	1
2	Cover	ASTM A 216 WCB	ASTM A 351 CF8	ASTM A 351 CF8M	1
3	Element	SS 304	SS 304	SS 316	1
4	Stud & nut	ASTM A 193/194 Gr. B7/2H	ASTM A 193/194 Gr. B7/2H (zinc plated)	ASTM A 193/194 Gr. B7/2H (zinc plated)	–
5	Gasket	SS 316 SPW with Gr. filler	SS 316 SPW with Gr. filler	SS 316 SPW with Gr. filler	1
6	Drain plug	ASTM A 105	ASTM A 182 F304	ASTM A 182 F316	1

UTC VALVES

Engineered for Flow. Built for Reliability.

Send us your enquiry

Share the valve type, size, pressure class, materials, end connections, quantity and any project specification or drawing. Our team reviews every enquiry and responds with availability and a quotation.

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