

"Y" Strainers

Strainers, also known as stone trappers, are installed at the entrance of pumps, water meters, valves and control devices to protect them from solid remains that may cause damage to the installation.



Very high efficiency



Superior design



High durability

/ Benefits & Features

→ Very high efficiency

Very small head losses are achieved, a critical point in most installations

→ Superior design

- Perfect geometry to allow a laminar and constant flow
- Very small head losses are achieved, that are a critical point in most installations

→ High durability

- The cover is completely sealed throughout the range of pressures and incorporates a threaded plug for easy and quick evacuation of retained solids
- Screen is in stainless steel, allowing corrosive fluids to flow without difficulty

/ Specifications & Recommendations

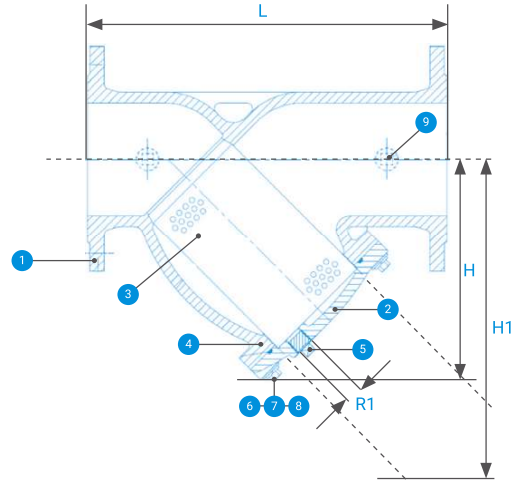
- Working Pressure – PN16
- Dimensions Range – DN50-DN600
- Working Temperature – 0°C – 80°C
- Connection – Flange
- Coating – Fusion bonded epoxy 250µm

→ Technical Data

DN	Cv Value	Weight (kg)	Standard Screens		
			Hole Diameter (mm)	Free Flow Area (%)	Total Area (mm ²)
50	16	10	1.5	33	4624
65	32	14.5			7709
80	47	19			9549
100	73	32			25485
125	108	40			37780
150	158	62			45065
200	278	109	3.0	40	85166
250	474	197			128827
300	632	253			161697
350	885	458			300324
400	1297	556			374732
450	1739	627			480342
500	2245	780			548323
600	-	1080			834423

→ Technical Dimensions

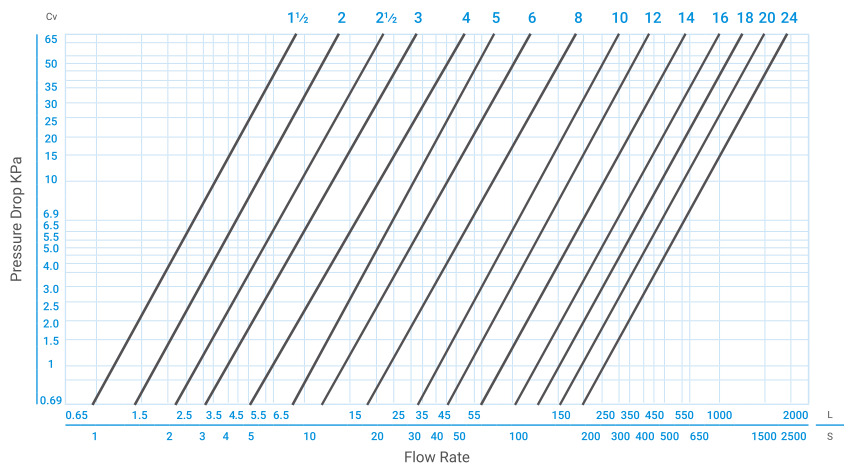
Dn	L	H	H1	R1	Mesh Dia.	Weight (kg)
2"	50	230	124	183	3/8"	8
2 1/2"	65	290	137	205	3/8"	10
3"	80	310	152	238	3/8"	13
4"	100	350	205	318	3/8"	16
5"	125	400	244	358	3/8"	24
6"	150	480	269	380	3/8"	33
8"	200	600	341	508	1/2"	56
10"	250	730	455	700	1/2"	96
12"	300	850	476	730	1/2"	189
14"	350	980	625	940	3/4"	320
16"	400	1.100	685	1.230	3/4"	378
18"	450	1.200	746	1.110	3/4"	600
20"	500	1.250	845	1.550	3/4"	750
24"	600	1.450	984	1.560	1"	1150



→ Material Specifications

#	Part	Material	Standard
1	Body	Ductile Iron	GGG40
2	Cover	Ductile Iron	GGG40
3	Screen	Stainless Steel	SS304
4	Packing	Rubber	EPDM 5
5	Drain Plug	Stainless Steel	SS304
6	Hex Bolt	Carbon Steel	Q235-A
7	Lock Washer	Carbon Steel	65Mn
8	Plain Washer	Carbon Steel	Q235-A
9	Test Point Plug	Stainless Steel	SS304

→ Head Loss



*Other materials available upon request