



Application

- Steam, water, oil or gas where protection from foreign matter in a pipeline is required.
- **Industry**
Power engineering, chemical and petrochemical industry

Technical description

- Y-Strainer is are devices for mechanically removing solids from fl owing media by means of a perforated or wire mesh straining element or basket, replaceable in line. They are used in pipelines to protect equipment such as pumps, meters, manual and control metal seated valves, steam traps and regulators

Testing

- The Y-strainer are pressure tested by water for strength in accordance with EN-12266 Certification: ED/97/23/EC
- The minimum pressure for the strength testing is 1,5 x PN

Installation

- Y-Strainer can be installed at any position but you should as are the screen is downwards.
- Flow derection see body mark.

Connection

- Butt-welded according to EN-12627, flanged according to EN-1092-1 or according to customer request
- Face to face dimension is according to EN-558-1

PART NAME		MATERIAL	
1	Body	1.0619/JS1049/GS-C25	1.4581
2	Cover	1.0619/JS1049/GS-C25	1.4581
3	Screw	1.0460	X5CrNiMo17-12-2
4	Blots	CK35	A2-70
5	Sealing piece	Cu-Alloy	Cu-Alloy
6	Gasket	S.S.reinforced graphite	S.S.reinforced graphite
7	Screen	SS304/SS316/SS316L	SS316/SS316L

Dimensions

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850	980	1100	
H	72	88	105	110	130	140	170	190	240	290	340	425	515	615	725	835	
Weight (kg) FL	PN16	2.5	3.4	4.6	5.5	5.6	9.2	13.5	17.3	27	39	58	113	225	270	380	620
	PN25	2.5	3.4	4.6	5.5	5.6	9.4	15	20.2	32	47.5	70	121.5	230	290	430	680
	PN40	2.5	3.4	4.6	5.5	5.6	9.4	15	20.2	32	47.5	70	127.4	240	310	470	700
Weight (kg) BW	PN16	1.0	1.6	2.6	3.0	3.8	4.2	8.2	15	22	33	50	80	160	200	340	510
	PN25	1.0	1.6	2.6	3.0	3.8	4.2	8.2	15	22	33	50	80	160	200	340	510
	PN40	1.0	1.6	2.6	3.0	3.8	42.0	8.2	15	22	33	50	80	160	200	340	510
Kv (for mesh40)	6.3	11	17.5	28	44	69	118	178	270	420	620	1100	1700	2500	3400	4400	