

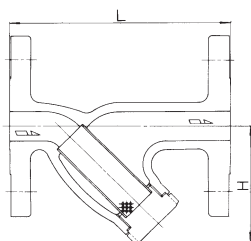
KY-3 Type Strainer

Cast steel, flanged

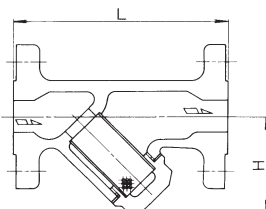
Y-shaped, high pressure strainer made of cast steel, with 10, 16, 20, 30K flanges, compact body, large filtering area, is ideal to use in for pipelines where automatic valves are installed.



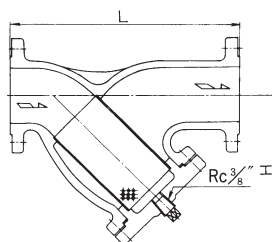
CONSTRUCTION



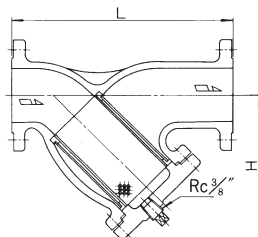
Size 15mm & 20mm



Size 25~40mm



Size 50~80mm



Size 100~250mm

SPECIFICATIONS

Model name	KY-3
Code name	KY3-C
Applicable fluid	Steam, gases & liquids
Applicable pressure	Max. 1.0, 1.6, 2.0 & 3.0MPa
Fluid temperature	Max. 300°C
End connection	Flanged JIS 10, 16, 20 & 30KRF
Materials	Body(Cast steel), Net(Stainless steel), Cover(Carbon steel or Cast steel)
Mesh ^{*1}	40, 60, 80 or 100 Mesh
Allowed pressure differential	Max.0.1MPa ^{*2}
Pressure test	1.5 times of flange rated pressure(Hydraulic)

* 1. Punched plate without lining is available upon your request. (Size 15~40mm: Φ 1.3×P2.5, size 50~250mm:Φ2.5×P4)

* 2. The net may be damaged if pressure differential exceeds 0.1 MPa. Clean the net to make sure pressure differential is less than 0.1 MPa.

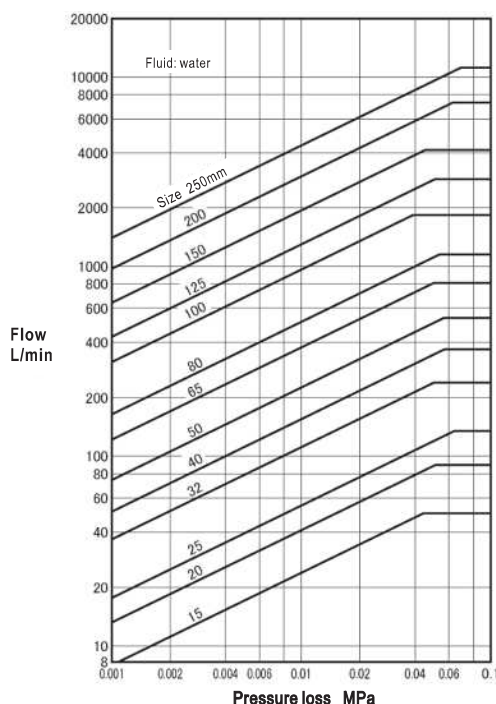
DIMENSIONS

(mm)

Size		15(½")	20¾")	25(1")	32(1¼")	40(1½")	50(2")	65(2½")	80(3")	100(4")	125(5")	150(6")	200(8")	250(10")
L	10K	142	146	168	192	198	248	294	340	402	458	528	630	900
	16K	142	146	168	192	198	252	298	348	410	462	532	638	908
	20K	142	146	168	192	198	252	298	348	414	470	540	646	920
	30K	150	150	176	200	206	260	310	360	430	490	560	670	948
H		76	76	80	115	115	170	200	230	270	330	380	480	600
Mass(kg)		4	4	6	9	10	14	27	31	51	79	115	192	365

* Refer to the mass based on JIS 30K flange.

PRESSURE LOSS CHART (60-mesh)



Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed below.

MULTIPLIER LIST

Mesh	Multiplier
40	0.95
80	1.05
100	1.1

* Refer to Page 193 for mesh data.