

KY-4, 4N Type Strainer

Cast iron · cast bronze, screwed

Y-shaped, screwed strainer made of cast iron or bronze, with compact body, large filtering area, is ideal to use in the pipeline where automatic valves are installed.

SPECIFICATIONS

Body material	Cast iron		Cast bronze	
Model name	KY-4		KY-4N	
Code name	KY4-G2	KY4-G □	KY4N-J2	KY4N-J □
	※ 1, 3 or 4 for mesh is required in □.			
Size	15~65(½″~2½″)		15~50(½″~2″)	
Applicable fluid	Steam, gases & liquids			
Applicable pressure	Max. 1.0MPa			
Applicable temperature	Max. 184℃* ¹		Max. 220℃	
End connection	Screwed JIS Rc			
Materials	Body(Cast iron), Net(Stainless steel) Cover(Forged brass or cast iron)		Body, Cover(Cast bronze) Net(Stainless steel)	
Mesh* ²	60 Mesh	※ 1:40 Mesh 3:80 Mesh 4:100 Mesh	60 Mesh	※ 1:40 Mesh 3:80 Mesh 4:100 Mesh
Allowed pressure differential	Max.0.1MPa* ³			
Pressure test	Hydraulic 1.5MPa		Hydraulic 1.75MPa	

* 1. Applicable temperature Max. 220°C is available upon your request.

* 2. Punched plate without lining is available. (Size 15~40mm: Φ1.3×P2.5, size 50mm and 65mm: Φ2.5×P4)

* 3. 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.

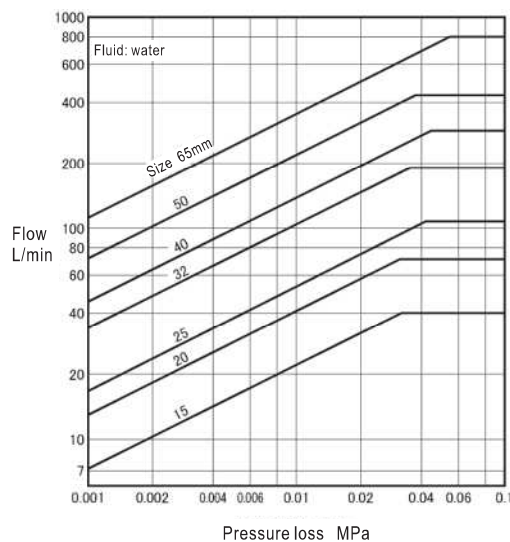
DIMENSIONS

(mm)

Size	L	H	d	Mass(kg)
15(½")	75	55(53)	½"	0.6 (0.4)
20(¾")	90	67(64)	¾"	0.9 (0.6)
25(1")	110	78(77)	1"	1.4 (1)
32(1¼")	135	97(95)	1¼"	2.3 (1.7)
40(1½")	150	112(109)	1½"	3.5 (2.5)
50(2")	170	125(123)	2"	4.7 (3.7)
65(2½")	200	145	2½"	7.3

Figures in () are for KY-4N Type.

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

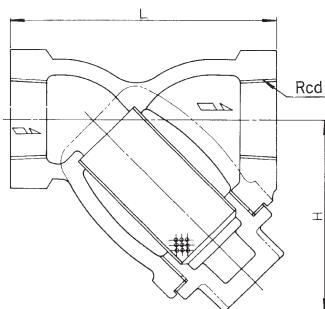
Mesh	Multiplier
40	0.95
80	1.05
100	1.1

* Refer to Page 193 for mesh data.

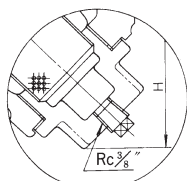


KY-4 Type

CONSTRUCTION (KY-4 Type)



The structure of KY-4N Type is slightly different.



Size 50mm & 65mm