

KY-6, 6CN Type Strainer

Cast iron, flanged

Y-shaped, flanged strainer made of cast iron, with compact body, large filtering area, is ideal to use in the pipeline where automatic valves are installed. KY-6CN Type has nylon coating for rust prevention.

SPECIFICATIONS

Type	Standard		Nylon coating	
Model name	KY-6		KY-6CN	
Code name	KY6-G2	KY6-G□*1	KY6CN-G2	KY6CN-G
	※ 1, 3 or 4 for mesh is required in □.			
Size	15~250(½"~10")		15~150(½"~6")	
Applicable fluid	Steam, gases & liquids		Water, hot water & gases	
Fluid temperature	Max. 184℃*2		5~60℃	
Applicable pressure	Max. 1.0MPa			
End connection	Flanged JIS 10KRF			
Materials	Body(Cast iron), Net(Stainless steel) Cover(Size 15~40mm:brass, Size 50~250mm:Cast iron)		Body(Cast iron), Net(Stainless steel) Cover(Size 15~40mm:Cast bonze, Size 50・65mm:Brass, Size 80~150mm:Cast iron)	
Painting or coating for body	Interior:Rust proof oil		Body and cover:Nylon 11 coating inside and outside value	
Mesh*3.	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*4.			
Pressure test	Hydraulic 1.5MPa		Hydraulic 1.75MPa	

* 1. Size 100mm and bigger, code name is KY6-G.

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

* 3. Punched plate without lining is available upon your request. (Size 15~40mm: Φ1.3×P2.5, size 50~250mm:Φ2.5×P4)

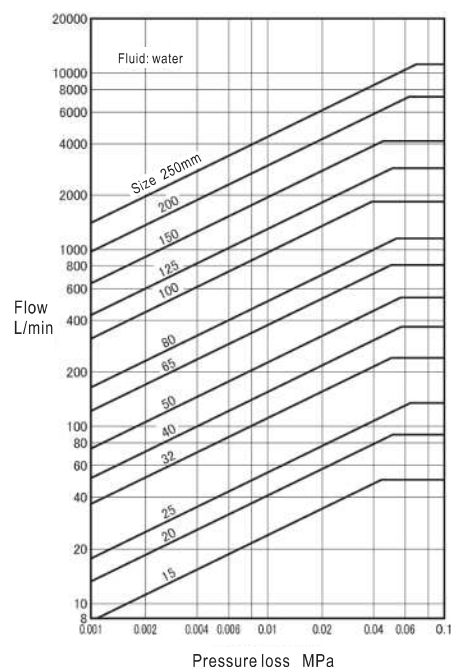
* 4. The net may be damaged if pressure differential exceeds 0.1 MPa. Clean the net to make sure pressure differential is less than 0.1 MPa.

DIMENSIONS

(mm)

Size	15(1/2")	20(3/4")	25(1")	32(1 1/4")	40(1 1/2")	50(2")	65(2 1/2")	80(3")	100(4")	125(5")	150(6")	200(8")	250(10")
L	125	140	160	180	190	220	270	315	370	450	510	620	760
H	55	67	78	97	112	125	155	200	245	300	340	450	510
Mass(kg)	2	3	4	5.5	6.5	9	13	20	32	55	75	130	220

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.

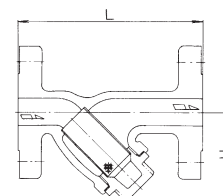
MULTIPLIER LIST

Mesh	Multiplier
40	0.95
80	1.05
100	1.1

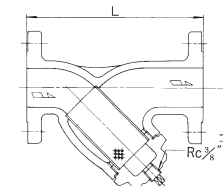
* Refer to Page 193 for mesh data.

CONSTRUCTION

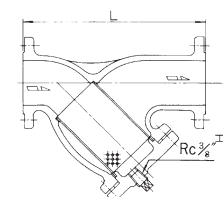
Flange code JIS 10KRF



Size 15~40mm



Size 50mm & 65mm



Size 80~250mm

CAUTIONS ON INSTALLATION AND HANDLING

Apply thermal insulation on KY-6CN Type if the temperature difference between the product and the ambient environment is larger than 40°C.



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