

Cast iron, flanged

A new-concept (Straight Type) strainer that is completely different from the conventional products.

Allow easy maintenance, installation, and reduced pressure loss.

KT-1PN Type has epoxy resin coating and is ideal for water supply pipes.
KT-1CN Type has nylon coating.

SPECIFICATIONS

Type	Epoxy resin coating		Nylon coating	
Model name	KT-1PN		KT-1CN	
Code name	KT1PN-G		KT1CN-G	
Applicable fluid	Water & hot water			
Fluid temperature	5~60℃			
Applicable pressure	Max. 1.0MPa			
End connection	Flanged JIS 10KFF			
Materials	Body&Cover(Cast iron) * ² , Net(Stainless steel)			
Painting or coating for body	Body and Cover:Epoxy resin coating inside and outside value		Body and cover:Nylon 11 coating inside and outside value	
Mesh* ¹	60 Mesh	20,40, 80 or 100 Mesh	60 Mesh	20,40, 80 or 100 Mesh
Allowed pressure differential	Max.0.1MPa* ³			
Pressure test	Hydraulic 1.75MPa			

* 1. Punched plate without lining is available upon your request. (Size 50~150mm: Φ3×P4, size 200~300mm: Φ4×P6)

* 2. For products with other diameter, please contact our agent in your area.

* 3. Products with main body made of Ductile cast iron is available upon your request.

* 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.

* 5. Products with other options (clogging detector, magnetic absorber, and internal check window) are also available.

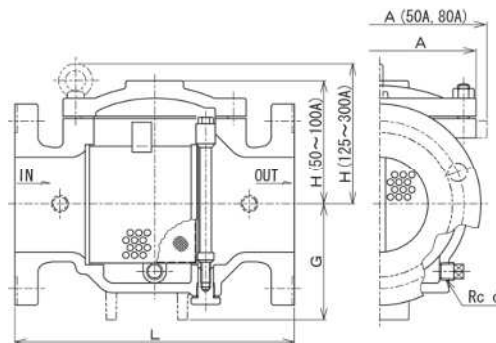
DIMENSIONS

(mm)

Size	L	G	H	A	d	Mass(kg)
50(2")	200	—	79	132	3/8"	10
65(2½")	240	—	92	158	3/8"	15
80(3")	265	—	105	200	3/8"	19
100(4")	290	130	128	200	1/2"	29
125(5")	340	140	180	252	1/2"	43
150(6")	380	165	204	282	1/2"	64
200(8")	450	200	273	368	1/2"	106
250(10")	560	240	390	545	1/2"	210
300(12")	680	280	425	595	1/2"	300

Flange code JIS 10KFF

CONSTRUCTION



CAUTIONS FOR INSTALLATION AND HANDLING

Apply thermal insulation if the temperature difference between the product and the ambient environment is larger than 40°C.

* Refer to Page 193 for mesh data.
Note: See Page 206 for pressure loss.



KT-1PN Type

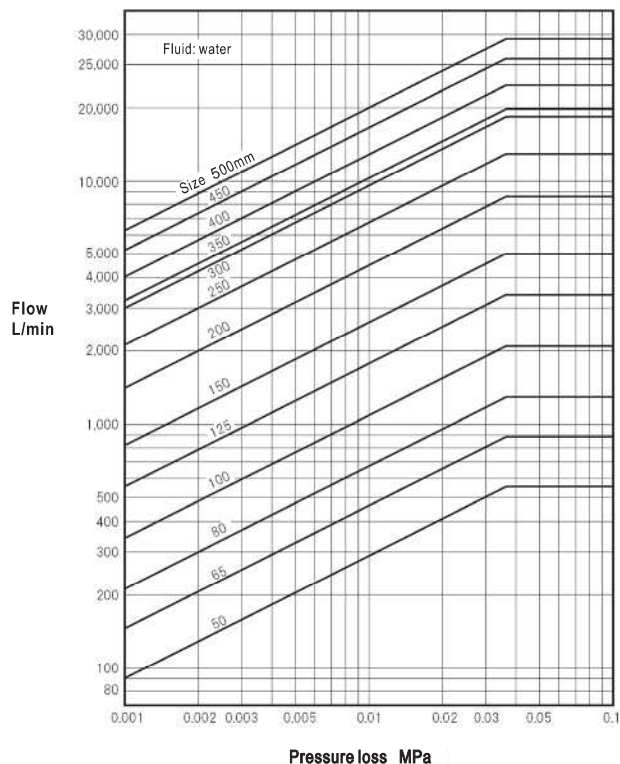


KT-1CN Type

DATA/KT Type Series Strainer

■ PRESSURE LOSS CHART (60-mesh)

Applicable models: KT-1,1A,1D,1PN,1CN
KT-2,2D
KT-3,3A
KT-4W,4H



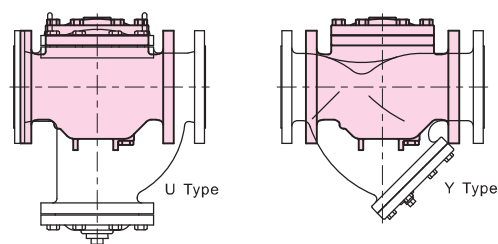
Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

■ MULTIPLIER LIST

Mesh	Multiplier
20	0.9
40	0.95
80	1.05
100	1.1

* Refer to Page 193 for mesh data.

■ SIZE COMPARISON WITH CONVENTIONAL STRAINER



■ COMPARISON OF MAINTENANCE SPACE

