

KT-5, 5W, 5F, 5FW Type Strainer

Stainless steel • screwed, flanged

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

Allow easy maintenance, installation, and reduced pressure loss.

Stainless steel parts that are corrosion resistant and durable.

Small and compact strainer allows easy integration into machines.

Unique design for easy removal of net.

SPECIFICATIONS

Type	Screwed				Flanged			
Model name	KT-5		KT-5W		KT-5F		KT-5FW	
Code name	KT5-D		KT5W-D		KT5F-D		KT5FW-D	
Applicable fluid	Steam, gases & liquids		Liquids & gases		Steam, gases & liquids		Liquids & gases	
Fluid temperature	Max. 150°C* ²		Max. 90°C		Max. 150°C* ²		Max. 90°C	
Applicable pressure	Max. 2.0MPa				Max. 1.0MPa* ³			
End connection	Screwed JIS Rc				Flanged JIS 10KFF* ³			
Materials	Body and Cover (Stainless steel), Net (Stainless steel)							
Mesh* ¹	60 Mesh	20,40,80 or 100 Mesh	60 Mesh	20,40,80 or 100 Mesh	60 Mesh	20,40,80 or 100 Mesh	60 Mesh	20,40,80 or 100 Mesh
Allowed pressure differential	Max.0.1MPa* ⁴							
Pressure test	Hydraulic 3.0MPa				Hydraulic 1.5MPa* ³			

* 1. Products with punching plate (Φ3×P4.33) as the mesh are also available.

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

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

* 3. We also provide JIS 20KRF flange (applicable pressure Max. 2.0MPa, with standing pressure Max. 3.0MPa).

* 4. The net may be damaged if pressure differential exceeds 0.1 MPa. Clean the net so that pressure differential is lower than 0.1 MPa.

DIMENSIONS

KT-5,5W Type

(mm)

Size	d	L	G	H	A	Mass(kg)
15(½")	½"	85	17	35	50	0.4
20(¾")	¾"	100	22	43	61	0.7
25(1")	1"	115	26	46	66	1
32(1¼")	1¼"	135	32	58	80	1.7
40(1½")	1½"	150	38	66	94	2.3
50(2")	2"	180	45	77	104	3.5

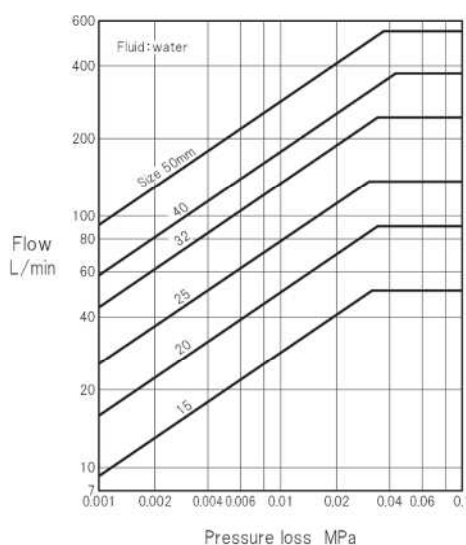
KT-5F,5FW Type

(mm)

Size	L	G	H	A	Mass(kg)
15(½")	120	17	35	50	1.8
20(¾")	130	22	43	61	2.5
25(1")	150	26	46	66	3.8
32(1¼")	170	32	58	80	5.3
40(1½")	190	38	66	94	6.1
50(2")	220	45	77	104	8.3

Flange code JIS 10KFF

PRESSURE LOSS CHART (60-mesh)



MULTIPLIER LIST

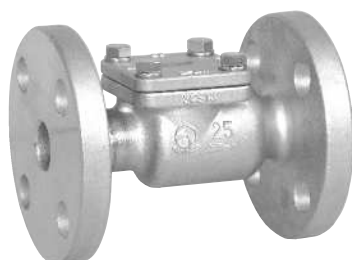
Mesh	Multiplier
20	0.9
40	0.95
80	1.05
100	1.1

* Refer to Page 193 for mesh data.

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

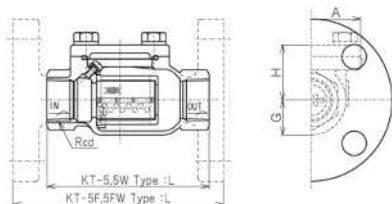


KT-5,5W Type



KT-5F,5FW Type

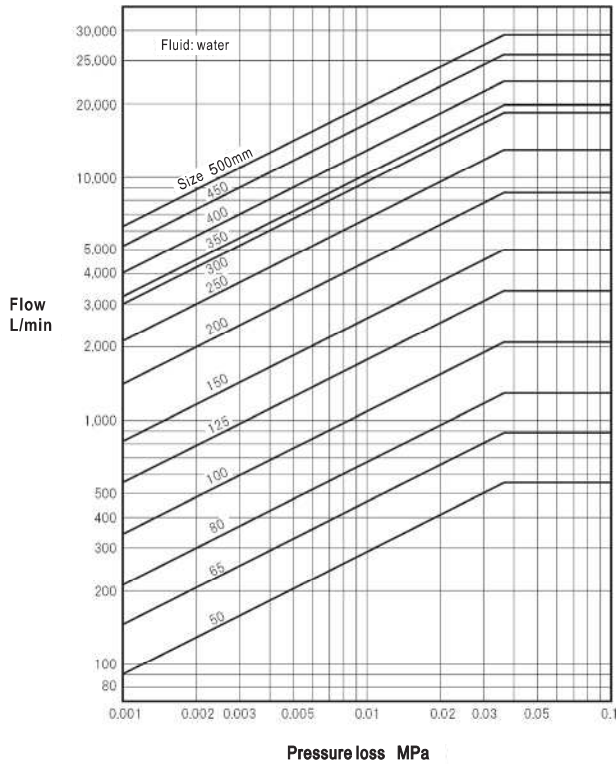
CONSTRUCTION



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



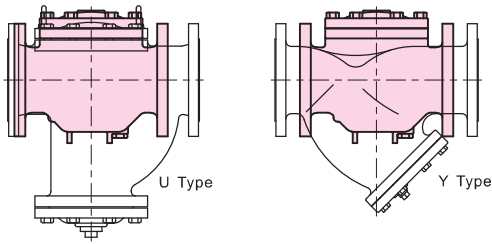
Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

■ 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

