

KT-4W, 4H Type Strainer

Ductile 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.

These strainers can be used in a variety of applications with pressure up to 2.0 MPa.

Strainers with nominal diameter 200~300 have hinge structure that allows easy maintenance.

SPECIFICATIONS

Type	Standard		High temperature	
Model name	KT-4W		KT-4H	
Code name	KT4W-M		KT4H-M	
Applicable fluid	Water & hot water		Steam, gases & oils	
Fluid temperature	5~60℃		Max. 220℃	
Applicable pressure	Max. 2.0MPa			
End connection	Flanged JIS 20KRF* ²			
Materials	Body&Cover(Ductile cast iron) , Net (Stainless steel)			
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 3.0MPa			

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

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

* 2. Flanged JIS16KRF and ASME (ANSI) Class 150lb are also available.

* 3. 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.

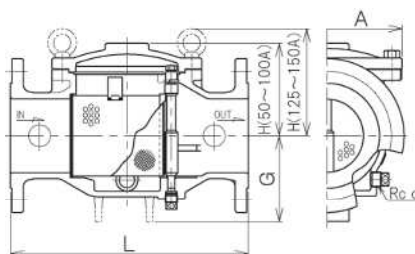
DIMENSIONS

(mm)

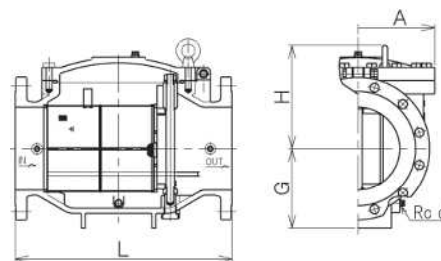
Size	L	G	H	A	B	d	Mass(kg)
50(2")	210	—	73	144	—	3/8"	13
65(2 1/2")	240	—	88	162	—	3/8"	18
80(3")	290	—	106	190	—	3/8"	26
100(4")	320	130	126	223	—	1/2"	38
125(5")	380	140	180	260	—	1/2"	59
150(6")	420	165	195	292	—	1/2"	80
200(8")	530	200	250	360	570	1/2"	140
250(10")	660	240	320	462	715	1/2"	240
300(12")	740	280	355	530	820	1/2"	350

Flange code JIS 20KRF

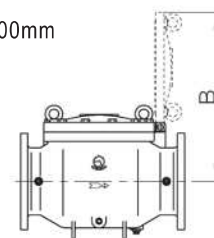
CONSTRUCTION



Size 50~150mm



Size 200~300mm



Depending on size, the structure may vary.



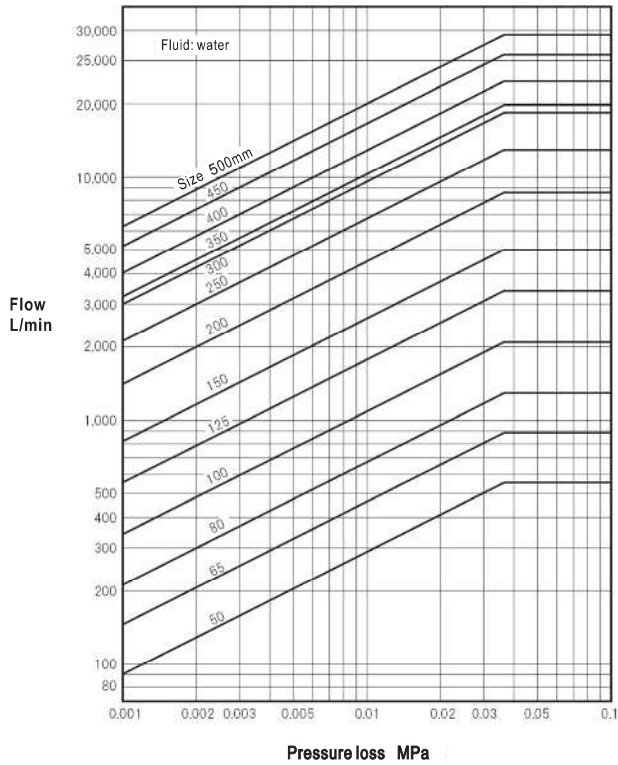
* Refer to Page 193 for mesh data.

Note: See Page 206 for pressure loss.

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



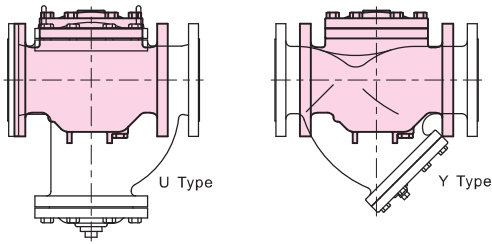
Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

■ 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

