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.

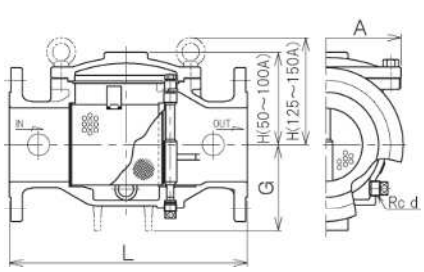
DIMENSIONS

(mm)

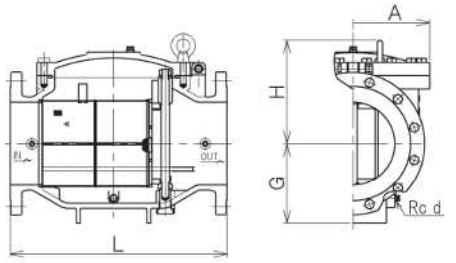
Size	L	G	H	A	B	d	Mass(kg)
50(2″)	210	—	73	144	—	3/8″	13
65(2 1/2″)	240	—	88	162	—	3/8″	18
80(3″)	290	—	106	190	—	3/8″	26
100(4″)	320	130	126	223	—	1/2″	38
125(5″)	380	140	180	260	—	1/2″	59
150(6″)	420	165	195	292	—	1/2″	80
200(8″)	530	200	250	360	570	1/2″	140
250(10″)	660	240	320	462	715	1/2″	240
300(12″)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

Flange code JIS 20KRF

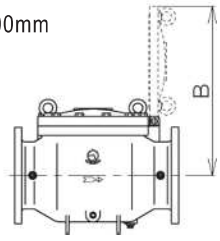
CONSTRUCTION



Size 50~150mm



Size 200~300mm



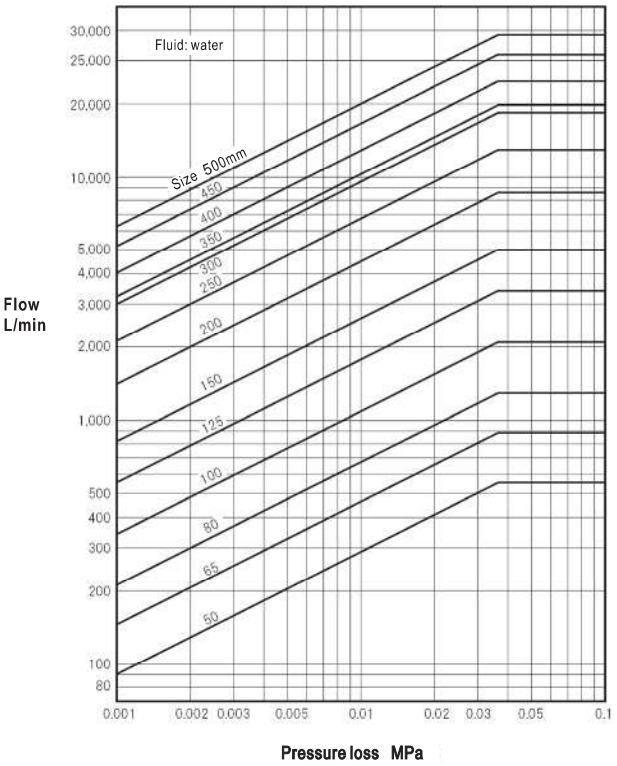
Depending on size, the structure may vary.

＊ 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



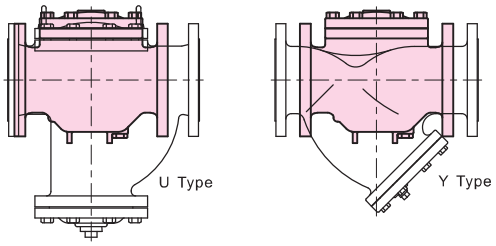
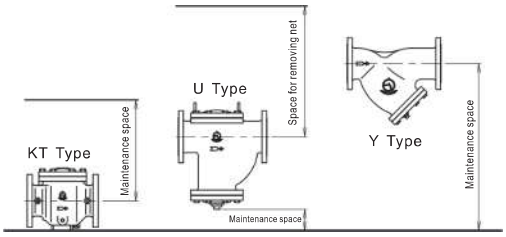
Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

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 CONVENTINAL STRAINER



COMPARISON OF MAINTENANCE SPACE