

Stainless steel, 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 strainer suitable for clean fluid.

KT-3A Type can be easily cleaned with just one bolt and is ideal for installation at places where frequent cleaning is necessary.

SPECIFICATIONS

Type		Multipurpose type		One touch type	
Model name		KT-3		KT-3A	
Code name		KT3-D		KT3A-D	
Size		50~300(2″~12″)		50~150(2″~6″)	
Applicable fluid		Steam, gases & liquids		Gases & liquids	
Fluid temperature		Max. 150°C* ²		5~90°C	
Applicable pressure		Max. 1.0MPa		Refer to the table of applicable pressure below.	
End connection		Flanged JIS 10KFF			
Materials	Body, Cover	Stainless steel		Stainless steel, Cover holder(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 1.5MPa		Refer to the table of pressure tightness below.	

* 1. Punched plate without lining is available upon your request. (Size 50~200mm:Φ3×P4, size 250mm and 300mm:Φ4×P6)

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

* 3. Fluid temperature Max. 220°C 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

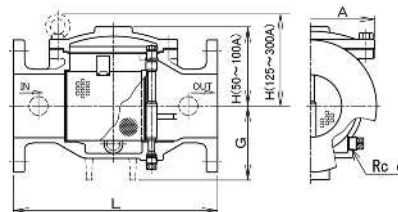
(mm)

Size	L	G	d	KT-3 Type			KT-3A Type		
				H	A	Mass(kg)	H	A	Mass(kg)
50(2")	220	—	3/8"	67	107	9	140	200	10
65(2½")	270	—	3/8"	89	158	14	170	230	15.5
80(3")	290	—	3/8"	103	200	17	200	280	20.5
100(4")	350	130	½"	126	202	24	235	305	29
125(5")	390	140	½"	166	256	42	255	370	49
150(6")	440	165	½"	194	280	56	275	380	64.5
200(8")	540	180	½"	249	358	93	—	—	—
250(10")	680	240	½"	303	458	184	—	—	—
300(12")	840	280	½"	336	526	268	—	—	—

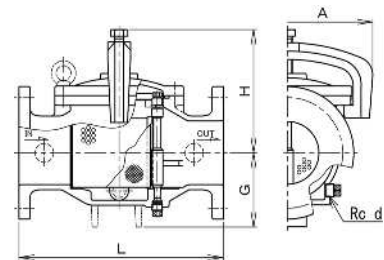
Flange code JIS 10KFF

CONSTRUCTION

KT-3 Type



KT-3A Type



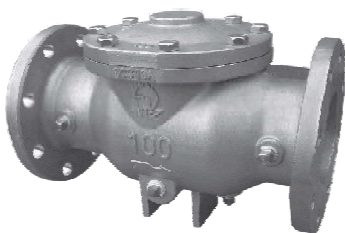
Depending on size, the structure may vary.

APPLICABLE PRESSURE AND PRESSURE TOLERANCE FOR KT-3A Type

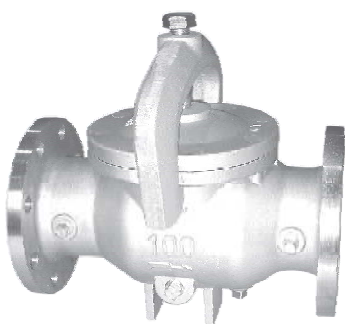
Size	Applicable pressure	Pressure tolerance(Hydraulic)
50~100mm	Max. 1.0MPa	1.5MPa
125mm	Max. 0.75MPa	1.13MPa
150mm	Max. 0.5MPa	0.75MPa

* Refer to Page 193 for mesh data.

Note: See Page 206 for pressure loss.



KT-3 Type

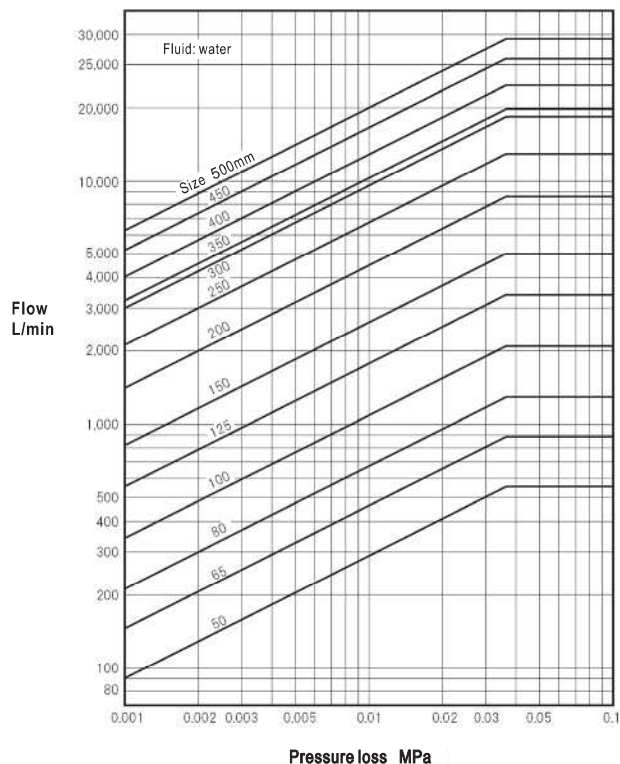


KT-3A Type

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



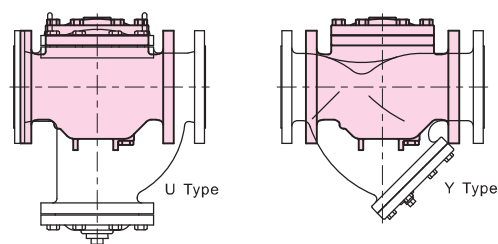
Note: The pressure loss for each mesh number can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.

■ 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

