

## ① – Strainer

This product features an automatic contamination detection function, minimizes pressure loss, and ensures perfect screen cleaning.

### Features

- It ensures easy screen cleaning.
- It has a compact design, and ensures easy installation and handling.
- It minimizes pressure loss.
- It offers a wide range of selection.

### Specifications

Category		For general use
Type		① – Strainer
Designated diameter		50~300A
Applicable fluid		Steam, vapor, liquid
Maximum running temperature		220°C
Applicable pressure		1.0MPa below
End connection		KS 10K RF / FF FLANGE
Materials	Body	GC200
	Screen	STS
Screen		60mesh standard
Hydraulic test pressure		1.5MPa



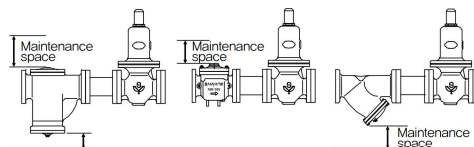
- ▶ Notes 1 : Strainers with a screen of 40, 80, and 100 meshes or with a punch hole only (perforation, 3 X pitch 4) are also available.  
 Notes 2 : Main bodies with GCD material (applicable pressure of 1,6 MPa or below) are also available.  
 Notes 3 : The internal inspection window, differential pressure gauge, and magnetic absorption screen are optional.  
 Notes 4 : Steam is custom made.

### Dimensions

(mm)

Size	L	H1	H2	A	Weight(kg)
50(2")	210	66	63	112	10,8
65(2½")	250	91	84	160	16,2
80(3")	275	105	97	172	20,4
100(4")	300	131	132	204	30,6
125(5")	360	158	144	256	44,8
150(6")	400	174	170	286	66,2
200(8")	480	225	208	372	109
250(10")	600	280	250	436	194
300(12")	720	328	290	488	303

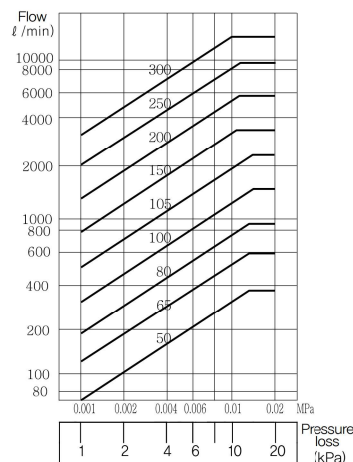
### Spatial comparison



Type	YKT-2				YUS-1				YKY-3			
Size	L	H	M	H+M	L	H	M	H+M	L	H	M	H+M
80A	275	198	115	313	305	285	220	505	300	300	120	420
100A	300	263	150	413	385	355	280	635	390	386	150	536
125A	360	302	175	477	424	436	340	776	440	443	188	631
150A	400	344	195	539	526	525	410	935	520	528	225	753
200A	480	433	250	683	620	682	530	1212	600	700	300	1000

- L: Strainer width
- H: Strainer height
- M: Maintenance space
- H + M: Total installation space

### Pressure loss curve



### Dimensions drawing

