

Large diameter, U-Type strainer made of carbon steel or stainless steel.

The net can be removed from the top; there will be no overflowing of liquid when dismantling.



### SPECIFICATIONS

| Type                          | Carbon steel                                                       | Stainless steel             |
|-------------------------------|--------------------------------------------------------------------|-----------------------------|
| Model name                    | KU-3                                                               | KU-4                        |
| Code name                     | KU3-N                                                              | KU4-D                       |
| Size                          | 125~400(5"~16")                                                    | 125~350(5"~14")             |
| Applicable fluid              | Gases & liquids                                                    |                             |
| Fluid temperature             | Max. 184°C                                                         |                             |
| Applicable pressure           | Max. 1.0MPa                                                        |                             |
| End connection                | Flanged JIS 10KFF                                                  |                             |
| Materials                     | Body(Carbon steel pipe), Cover(Mild steel)<br>Net(Stainless steel) | Body & Net(Stainless steel) |
| Mesh*1                        | 5, 10, 20, 30, 40, 50 or 60 Mesh                                   |                             |
| Allowed pressure differential | Max. 0.1MPa*2                                                      |                             |
| Pressure test                 | Hydraulic 1.5MPa                                                   |                             |
| Painting                      | Interior:Rust proof oil, Exterior:Red rust prevention              | —                           |

\* 1. Punched plate without lining ( $\Phi 10 \times P12.5$ ) is available upon your request.

\* 2. 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.

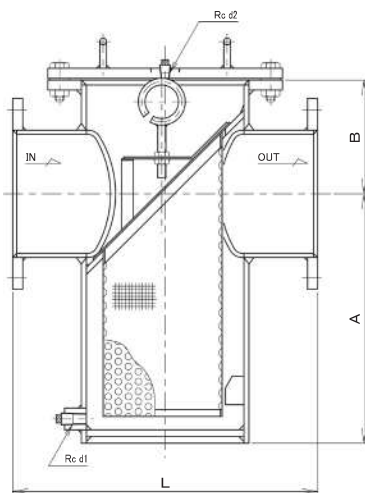
### DIMENSIONS

(mm)

| Size     | L   | A   | B   | d <sub>1</sub> | d <sub>2</sub> | Mass(kg)  |           |
|----------|-----|-----|-----|----------------|----------------|-----------|-----------|
|          |     |     |     |                |                | KU-3 Type | KU-4 Type |
| 125(5")  | 420 | 295 | 175 | ¾"             | ½"             | 67        | 55        |
| 150(6")  | 490 | 345 | 200 | ¾"             | ½"             | 105       | 84        |
| 200(8")  | 570 | 415 | 215 | ¾"             | ½"             | 144       | 114       |
| 250(10") | 640 | 525 | 235 | ¾"             | ½"             | 204       | 173       |
| 300(12") | 710 | 665 | 275 | ¾"             | ½"             | 295       | 235       |
| 350(14") | 770 | 755 | 310 | ¾"             | ½"             | 401       | 307       |
| 400(16") | 840 | 865 | 335 | 1"             | ½"             | 503       | —         |

Flange code JIS 10KFF

### CONSTRUCTION



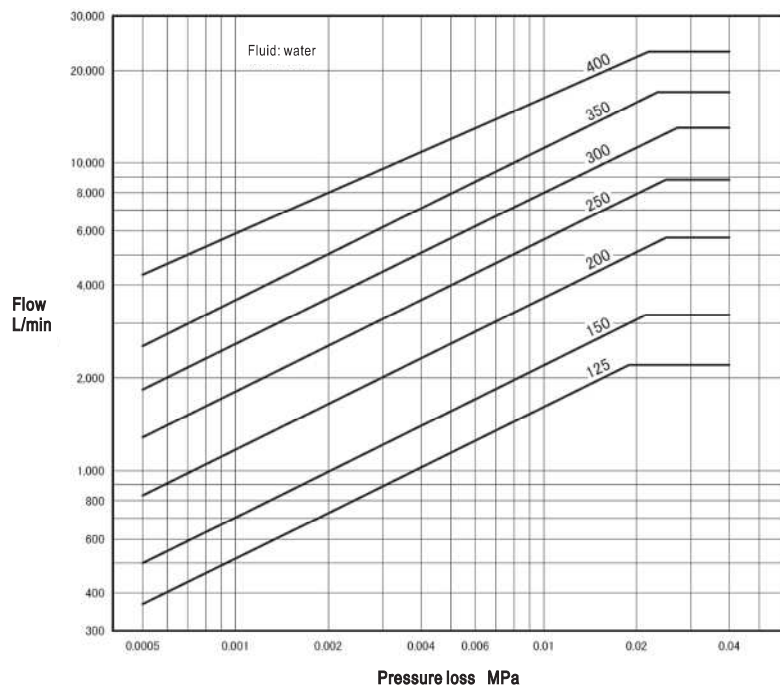
Depending on size, the structure may vary.

### MULTIPLIER LIST

| Mesh | Multiplier |
|------|------------|
| 60   | 1.04       |

\* Refer to Page 193 for mesh data.

### PRESSURE LOSS CHART (40-mesh)



Note: The pressure loss for 60-mesh can be calculated by multiplying pressure loss determined using the above chart and a multiplier listed.