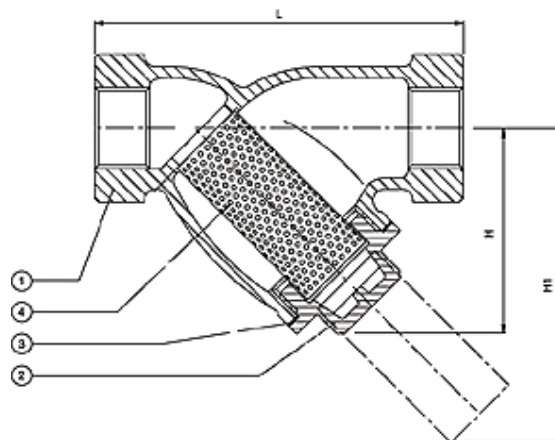
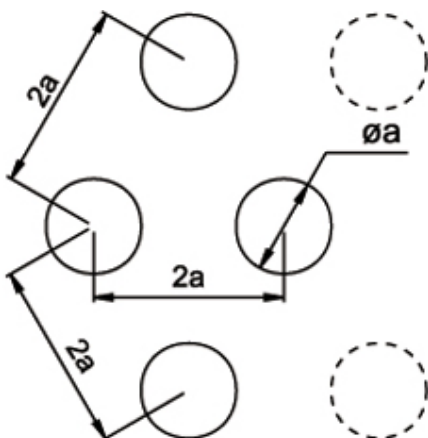




- 1 Body
- 2 Cap
- 3 Gasket
- 4 Screen



Bronze "Y" type Strainers

APPLICATIONS: Steam, Fluid and gas flowing in pipe installations carry more or less dirt or impurities. Especially dirt such as welding drops, pieces of rust and gasket etc. Can prevent the proper functioning of pumps, measuring and regulating instruments, valves and armature on the piping systems. In order to eliminate the harmful effects, it is necessary to install a strainer before the equipment mentioned above. It is also recommended to install a strainer the equipment such as presses, motors or coolers etc. which are costly to disassemble for cleaning purposes. This approach while decreasing the operating costs also increases over all safety. It is important to note that strainers should be cleaned periodically. If not cleaned, accumulated dirt prevent the free flow resulting to increased friction and decreased pressure. The cleaning procedure should carefully be followed by maintenance operators.

"Y" type strainers are convenient to be used horizontally or vertically on piping installations.

Material of Parts (According to ISO 9912-2)

| No. | Part Name | Material Group | Standards | | |
|-----|-----------|-------------------|--------------|----------|-----------------------|
| | | | JIS | ASTM | DIN |
| 1 | Body | Cast Bronze | H5111-BC 6 | C 84400 | |
| 2 | Cap | Forged Brass | H3250-C 3771 | C 37700 | CuZn 39 pb2 |
| 3 | Gasket | Non Asbestos | | | 53538 |
| 4 | Screen | Stainless Steel * | SUS 304 | AISI 304 | 1.4301 (X5 CrNi18 10) |

*as required



| | | | | | | |
|--|-----------|-----|------|-----|------|-----|
| Maximum Permissible Working Pressure (bar) | 20 | 20 | 17.2 | 13 | 10.3 | 9 |
| Service Temperature (°C) | -10 to 66 | 100 | 120 | 150 | 170 | 180 |

| Face to face space requirment dimensions | | | | | | | | | |
|--|------|------|------|-----|--------|--------|-----|--------|-----|
| Nominal Size | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" |
| Face to Face (L) | 70 | 80 | 100 | 115 | 135 | 160 | 195 | 230 | 240 |
| Height (H) | 44 | 49 | 57 | 70 | 82 | 98 | 121 | 148 | 180 |
| H1 | 61 | 68 | 84 | 106 | 125 | 150 | 189 | 217 | 268 |
| Mesh Size (a) Inches | 1 | 1 | 1 | 1.5 | 1.5 | 1.5 | 1.5 | 2 | 2 |

Shell test pressure: 360 psi (25 bar)

Temperature: up to 180°C (356°F)