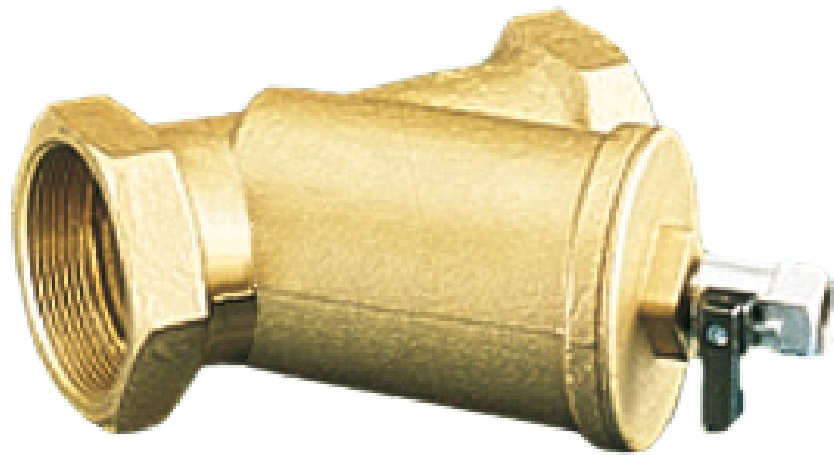


# Y222P

Y pattern strainer

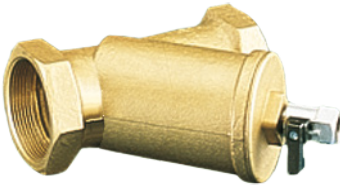
## Technical Data Sheet



## Description

The Y pattern strainer Y222P are available with a brass drain cock 1/4" (1/8" for DN 1/2) allowing a quick and efficient cleaning.

- Filtration DN : 500 microns (except DN 1/2 : 300 microns)



### Y222P

Y pattern strainer

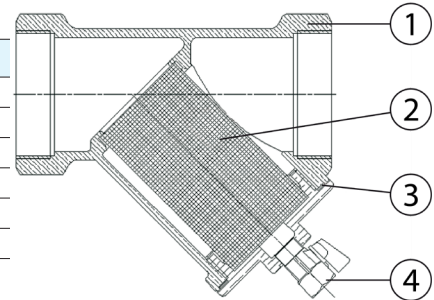
| DN    |    | PFA<br>in bar | Ref.            | Weight<br>Kg |
|-------|----|---------------|-----------------|--------------|
| "     | mm |               |                 |              |
| 1/2   | 15 | 25            | <b>149B5950</b> | 0,18         |
| 3/4   | 20 | 25            | <b>149B5160</b> | 0,41         |
| 1     | 25 | 25            | <b>149B5161</b> | 0,57         |
| 1 1/4 | 32 | 25            | <b>149B5191</b> | 0,86         |
| 1 1/2 | 40 | 25            | <b>149B5162</b> | 1,18         |
| 2     | 50 | 25            | <b>149B5163</b> | 1,81         |

#### Technical features

|   |                           |
|---|---------------------------|
| Operating temperature                         | -10 °C up to 110 °C       |
| Permissible operating pressure (PFA) in water | 25 bar                    |
| Connection                                    | Female/female, BSP thread |
| Mediums                                       | Clear liquids             |

#### Nomenclature and materials

| N° | Description | Materials       | EURO                          | ANSI                      |
|----|-------------|-----------------|-------------------------------|---------------------------|
| 1  | Body        | DN 15 to DN 25  | Brass                         | EN 12165 CuZn40Pb2 H080   |
|    |             | DN 32 to DN 50  | Brass                         | EN 1982 CuZn39Pb1 AL-C-6M |
| 2  | Strainer    | Stainless steel | EN 10088-3 X5CrNi18-10        | AISI 304                  |
| 3  | Seal        | Fibre           | Tesnit BAU                    |                           |
| 4  | Drain cock  | Laiton          | EN12165 CuZn35Pb1.5 AlAs-H060 |                           |
| 5  | Cap         | Brass           | EN 12165 CuZn40Pb2 H080       |                           |



## Approvals



**International construction Standards :**  
Thread connection according to NF EN ISO 228-1

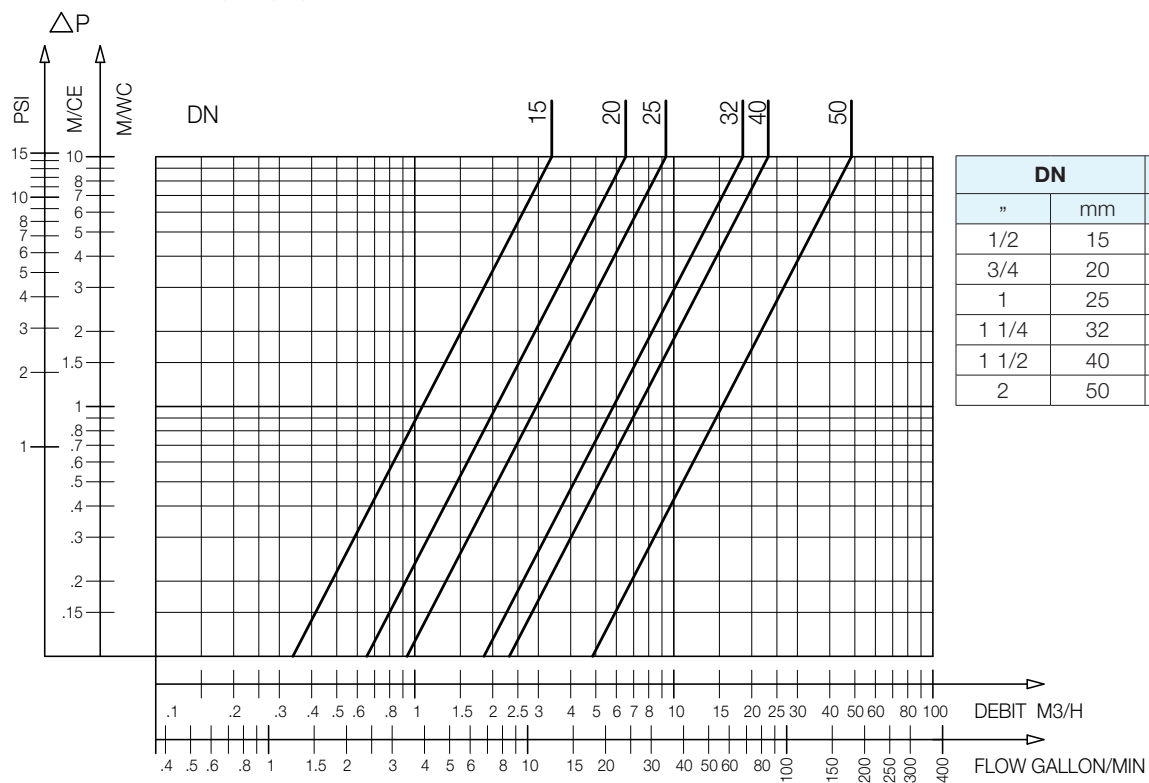
## Application

The Y pattern strainer Y222P is designed to protect pumps, valves, pressure reducing valves, backflow preventer, against any impurity in the piping system (rust, seal fragments, foreign bodies).

## Operation

**Direction for use :**

- Solid line: Valve completely open

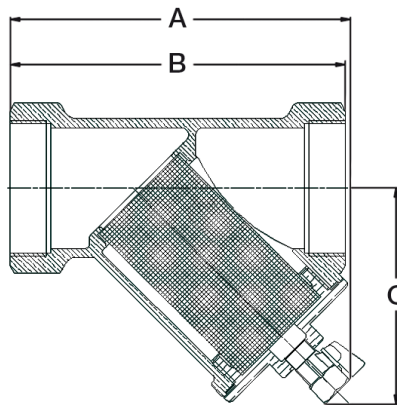


| DN    |    | Kv<br>m <sup>3</sup> /H | $\zeta$ |
|-------|----|-------------------------|---------|
| "     | mm |                         |         |
| 1/2   | 15 | 3,40                    | 7,09    |
| 3/4   | 20 | 6,50                    | 6,0     |
| 1     | 25 | 9,32                    | 7,2     |
| 1 1/4 | 32 | 18,50                   | 4,9     |
| 1 1/2 | 40 | 23,15                   | 7,6     |
| 2     | 50 | 48,50                   | 4,25    |

**Y222P - Headloss chart**

## Sizing

| DN    |       | A   | B   | C   | Mesh |
|-------|-------|-----|-----|-----|------|
| "     | mm    | mm  | mm  | mm  | mm   |
| 1/2   | 15/21 | 84  | 65  | 64  | 0,30 |
| 3/4   | 20/27 | 90  | 66  | 76  | 0,50 |
| 1     | 26/34 | 106 | 87  | 76  | 0,50 |
| 1 1/4 | 33/42 | 116 | 105 | 82  | 0,50 |
| 1 1/2 | 40/49 | 127 | 115 | 90  | 0,50 |
| 2     | 50/60 | 155 | 147 | 104 | 0,50 |



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