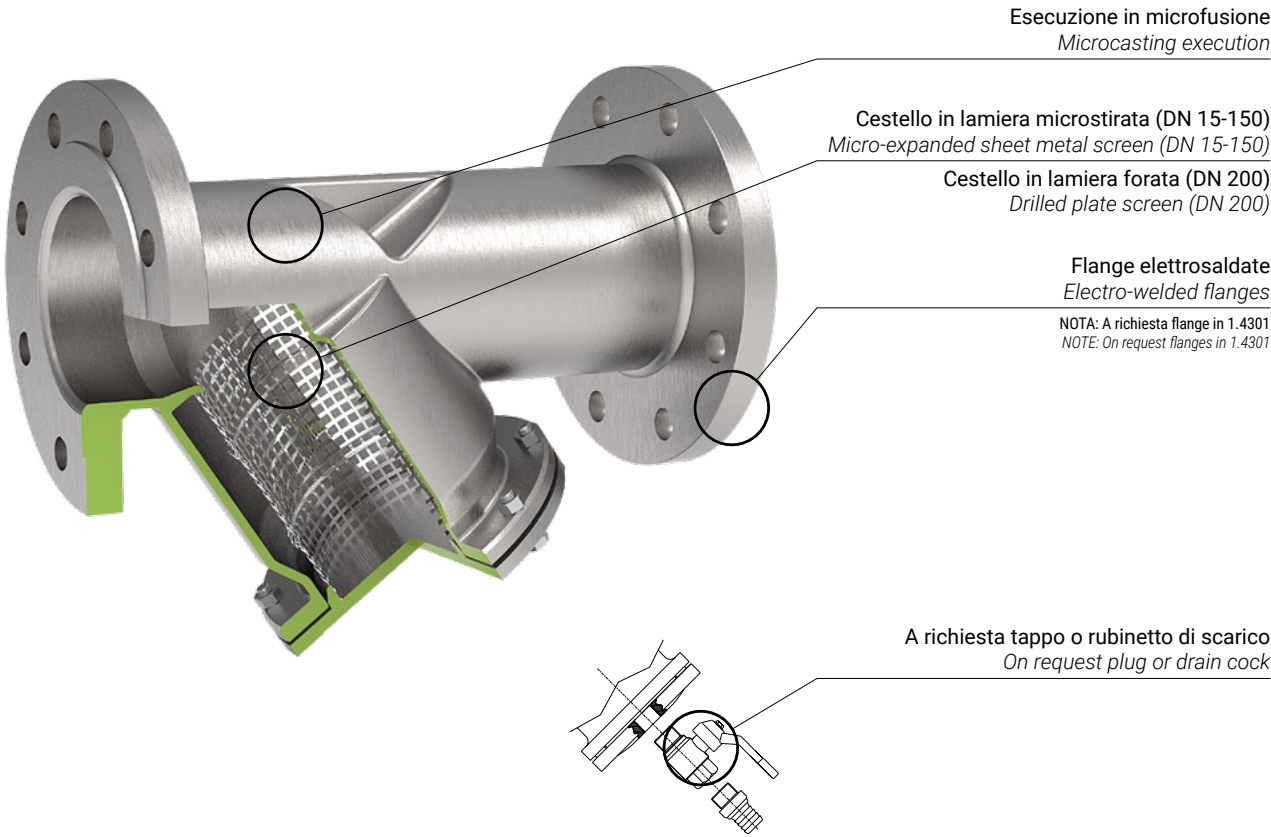


# M503

## Filtro raccoglitore di impurità a “Y” Sediment collecting strainer “Y” type

PN 16  
ACCIAIO INOX | STAINLESS STEEL

### Caratteristiche | Features



NOTA: Il rubinetto dovrà essere di materiale idoneo al fluido, alla temperatura e alla pressione di esercizio  
*NOTE: This cock will be made of a material suitable to the fluid, working pressure and temperature*

### Applicazioni

Filtri per acqua calda e/o surriscaldata, vapore, aria, idrogeno, ossigeno, acqua demineralizzata, fluidi diatermici, fluidi corrosivi in genere, ecc.

Trovano impiego negli impianti di trasmissione calore, centrali termiche, caldaie e serbatoi, impianti di teleriscaldamento, applicazioni con olio diatermico, industria chimica, industria ospedaliera, ecc.

### Applications

Strainers for hot water and/or overheated water, steam, air, hydrogen, oxygen, demineralized water, diathermic fluids, corrosive fluids, etc.

They are suitable for heat transfer systems, thermal power stations, industrial boilers and tanks, district heating plants, diathermic oil installations, chemical industry, hospitals, etc.

### Materiali | Materials

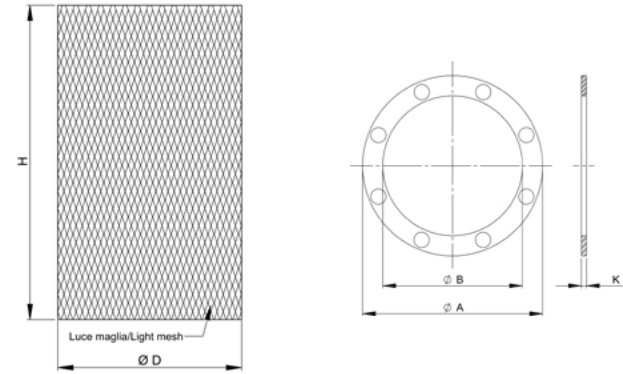
| POS | COMPONENTE  | COMPONENTS | MATERIAL               |
|-----|-------------|------------|------------------------|
| 1   | CORPO       | BODY       | CF3M                   |
| 2   | COPERCHIO   | COVER      | STAINLESS STEEL 1.4401 |
| 3   | CESTELLO    | SCREEN     | STAINLESS STEEL 1.4401 |
| 4   | GUARNIZIONE | GASKET     | GRAPHITE + ST. STEEL   |
| 5   | BULLONI     | BOLTS      | STAINLESS STEEL        |
| 6   | DADI        | NUTS       | STAINLESS STEEL        |

### Dimensioni | Dimensions

| DN  | D<br>mm | L<br>mm | H<br>mm | Kg<br>- | Kv<br>m³/h |
|-----|---------|---------|---------|---------|------------|
| 15  | 95      | 130     | 80      | 2       | 4.3        |
| 20  | 105     | 150     | 80      | 2.7     | 7.7        |
| 25  | 115     | 160     | 82      | 2.9     | 12         |
| 32  | 140     | 180     | 85      | 4.5     | 18.8       |
| 40  | 150     | 200     | 105     | 5.7     | 29         |
| 50  | 165     | 230     | 120     | 6.7     | 45.3       |
| 65  | 185     | 290     | 140     | 10.5    | 77.8       |
| 80  | 200     | 310     | 180     | 14.5    | 118        |
| 100 | 220     | 350     | 195     | 20      | 185.5      |
| 125 | 250     | 400     | 241     | 30.4    | 290        |
| 150 | 285     | 480     | 270     | 28      | 419        |
| 200 | 340     | 600     | 365     | 52      | 739        |

NOTA: I valori di Kv sono stati determinati con cestelli standard perfettamente puliti ed efficienti  
*NOTE: The Kv values have been calculated with perfectly clean and efficient standard screen*

### Dimensioni cestello e guarnizioni standard Standard screen and gaskets dimensions



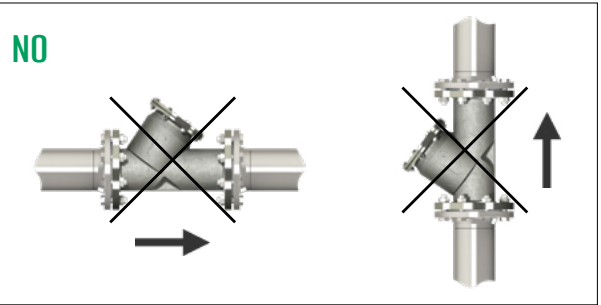
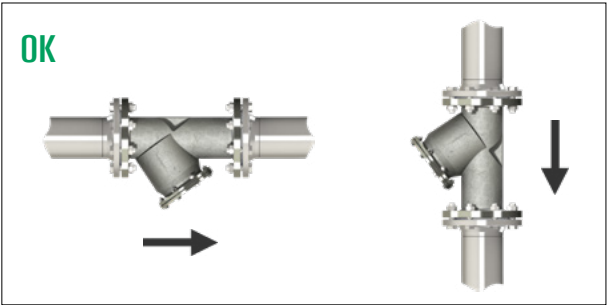
Cestello  
Screen

Guarnizione  
Gasket

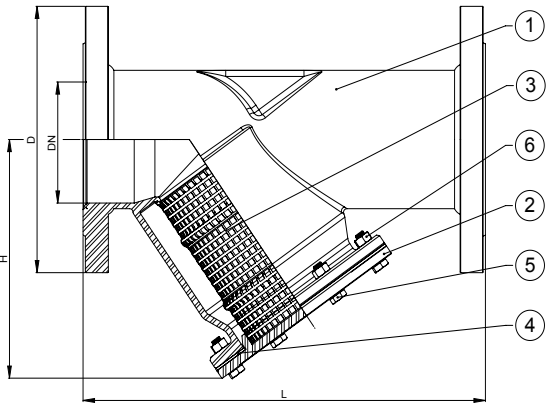
| DN  | ØD<br>mm | H<br>mm | STANDARD SCREEN<br>light mesh (mm) | ØA<br>mm | ØB<br>mm | K<br>mm |
|-----|----------|---------|------------------------------------|----------|----------|---------|
| 15  | 20       | 61.5    | 2x1                                | 75       | 40       | 2       |
| 20  | 25       | 62      | 2x1                                | 75       | 40       | 2       |
| 25  | 30       | 62      | 2x1                                | 75       | 40       | 2       |
| 32  | 35       | 62      | 2x1                                | 75       | 40       | 2       |
| 40  | 45       | 76.5    | 2x1                                | 100      | 57       | 2       |
| 50  | 56       | 89.5    | 2x1                                | 110      | 68.5     | 2       |
| 65  | 70       | 100     | 3x1                                | 130      | 83       | 2       |
| 80  | 85       | 129     | 3x1                                | 180      | 120      | 2       |
| 100 | 105      | 146     | 3x1                                | 180      | 120      | 2       |
| 125 | 130      | 225     | 4x2                                | 210      | 150      | 2       |
| 150 | 153      | 264     | 4x2                                | 210      | 150      | 2       |
| 200 | 206      | 335     | Ø 3                                | 300      | 220      | 1.5     |

NOTA: Eventuali altre filtrazioni a richiesta  
*NOTE: Any other filtrations on request*

### Funzionamento | Functioning



## Filtro raccoglitore di impurità a “Y” Sediment collecting strainer “Y” type M503



### Condizioni di esercizio | Working conditions

| PRESSIONE   PRESSURE [bar]     | 16      | 14.5 | 13.4 | 12.7 | 11.8 | 11.4 | 10.9 |
|--------------------------------|---------|------|------|------|------|------|------|
| TEMPERATURA   TEMPERATURE [°C] | -30/+50 | +150 | +200 | +250 | +300 | +350 | +400 |