

CAST IRON Y STRAINER FLANGED PN 10/16 DIN 3202-1 F1 BLUE

Cast iron Y strainer flanged PN10/16 for filtration of heating, water distribution, water treatment and irrigation networks.
Strainer with removable filter and bolted bonnet
Threaded BSP draining cap allowing to install a draining valve.

Certificate

3.1



Size : DN15 to DN300
Connection : Flanges RF PN10/16
Min Temperature : -10°C
Max Temperature : +120°C
Max Pressure : 16 Bars for PN16 types
Caractéristiques : Removable stainless steel filter
Bolted bonnet with draining cap
Silicone Acrylic painting

Materials : Cast iron EN GJL-250

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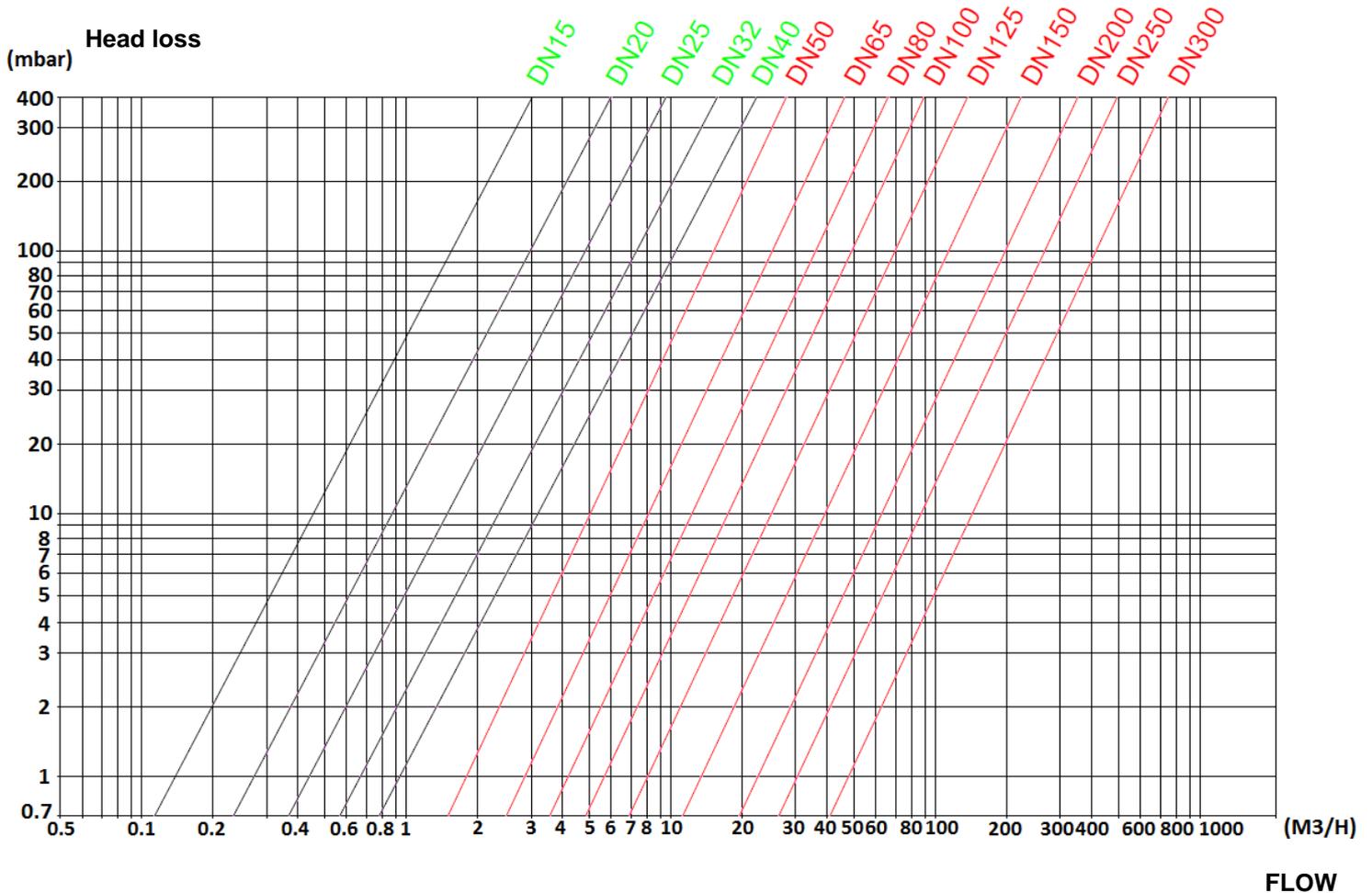
SPECIFICATIONS :

- Removable stainless steel filter
- R.F. flanges PN10/16
- Horizontal or vertical position with descendant fluid (respect the flow direction indicated by the arrow)
- Mesh 1mm from DN 15 to 50, 1.3 mm from DN 65 to 150 and 1.6 mm from DN 200 to 300
- Bolted bonnet with draining cap threaded BSP
- Silicone acrylic painting RAL 5005 color, 80-100µm thickness

USE :

- For water, water treatment, heating, irrigation
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 120°C
- Max Pressure Ps : 16 bars for types PN16, 10 bars for types PN10

HEAD LOSS GRAPH :

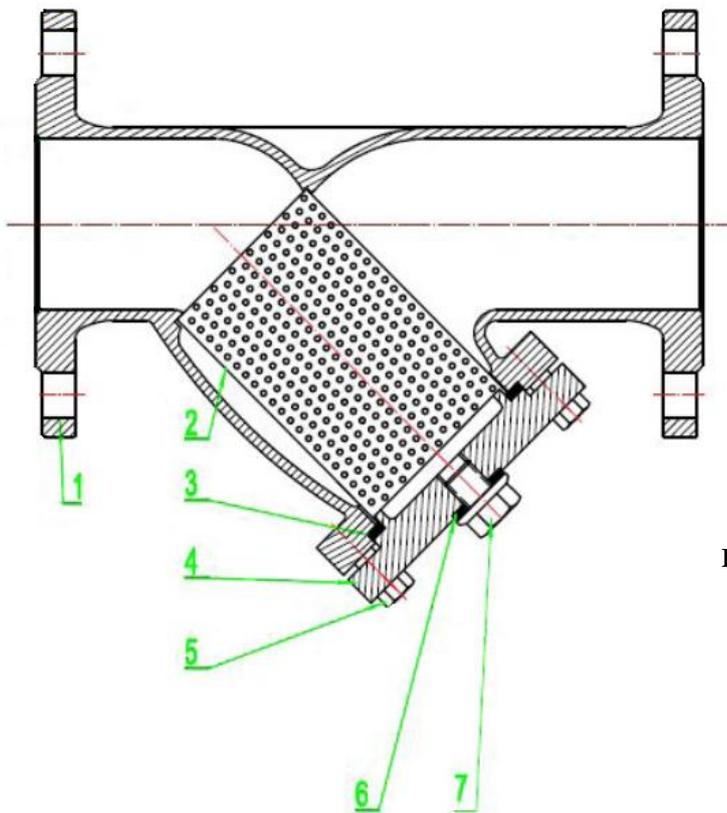


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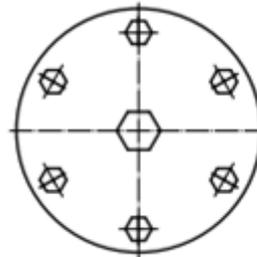
RANGE :

- Cast iron Y Strainer R.F. flanges PN10/16 from DN 15 to 300 Ref.221

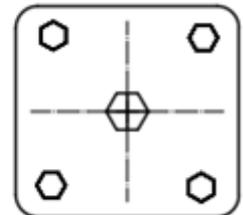
MATERIALS :



BONNET DN125-300



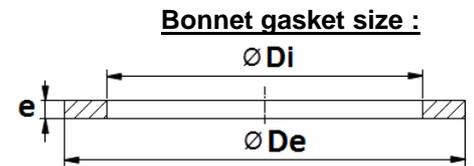
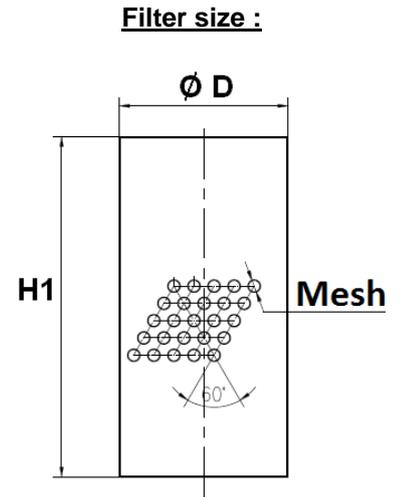
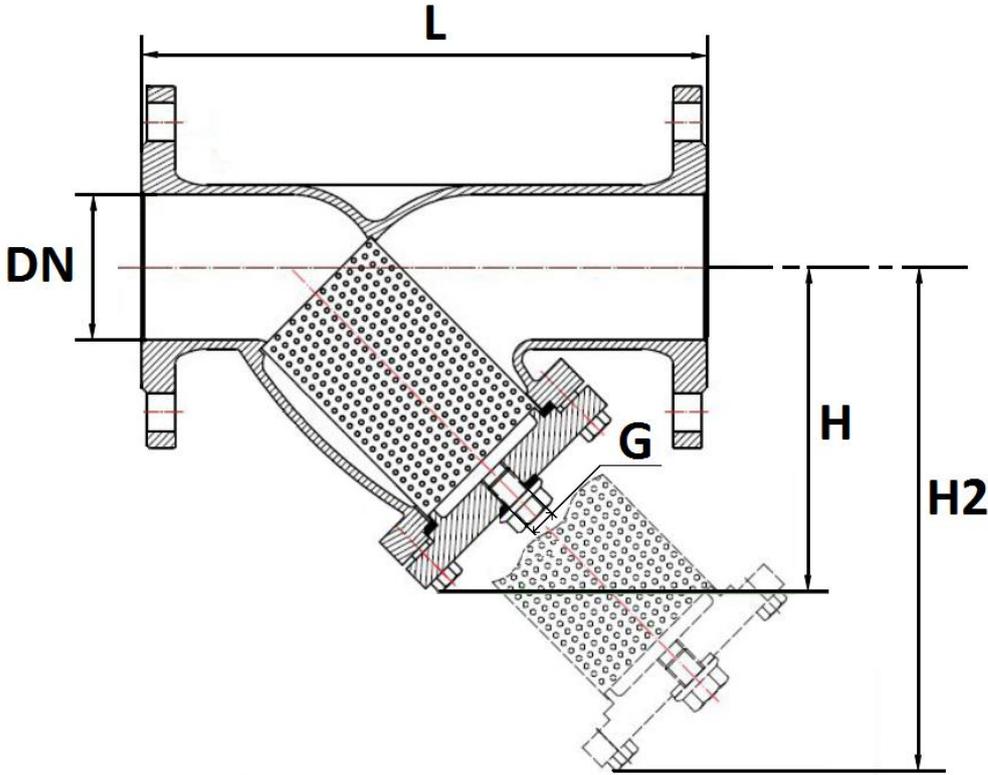
BONNET DN15-100



| Item | Designation | Materials |
|------|-----------------|----------------------------|
| 1 | Body | Cast iron EN GJL-250 |
| 2 | Filter | AISI 304 |
| 3 | Bonnet gasket | Stainless steel + graphite |
| 4 | Bonnet | Cast iron EN GJL-250 |
| 5 | Bolting | Steel 8.8 |
| 6 | Draining gasket | Stainless steel + graphite |
| 7 | Draining cap | Carbon steel ASTM A105 |

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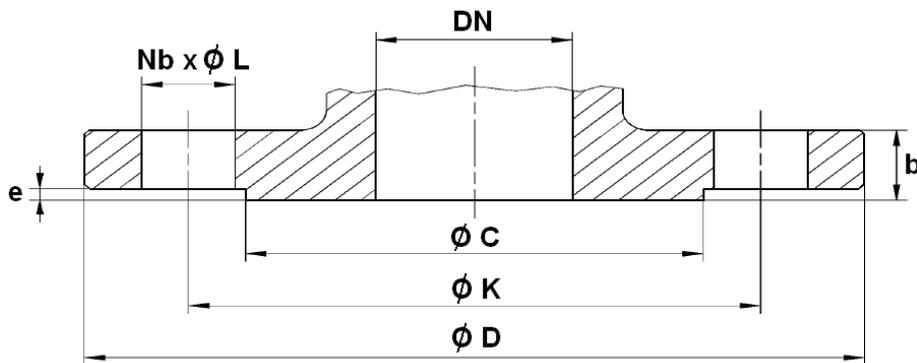
SIZE (in mm) :



| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 | 730 | 850 |
| H | 68 | 78 | 85 | 104 | 107 | 124 | 147 | 161 | 193 | 257 | 291 | 357 | 460 | 530 |
| H2 | 105 | 118 | 130 | 154 | 169 | 199 | 237 | 260 | 321 | 410 | 466 | 570 | 666 | 786 |
| G (drain BSP) | 1/2" | | | | | | | | | 3/4" | | | | |
| Ø D | 19 | 26 | 31 | 38 | 42 | 52 | 67 | 82 | 102 | 133 | 159 | 208 | 250 | 320 |
| H1 | 51 | 56 | 63 | 70 | 88 | 105 | 127 | 140 | 180 | 215 | 247 | 300 | 340 | 381 |
| Mesh | 1 | | | | | | 1.3 | | | | 1.6 | | | |
| Ø Di | 21 | 27.5 | 32 | 45 | 45 | 54 | 72 | 86 | 104 | 138 | 162 | 212 | 252 | 324 |
| Ø De | 33 | 36 | 45 | 55 | 55 | 66 | 86 | 102 | 120 | 154 | 178 | 228 | 278 | 350 |
| E | 4.3 | 4 | 4.3 | 3.7 | 3.7 | 4.3 | 4.3 | 4.4 | | | | | | |
| Weight (Kg) | 2.3 | 3 | 3.5 | 5 | 6 | 8 | 12 | 14 | 18 | 29.5 | 38.8 | 68 | 120 | 176 |
| Ref. | 221015 | 221020 | 221025 | 221032 | 221040 | 221050 | 221065 | 221080 | 221100 | 221125 | 221150 | 221200 | 221250 | 221300 |

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FLANGES SIZE PN16 (in mm) :

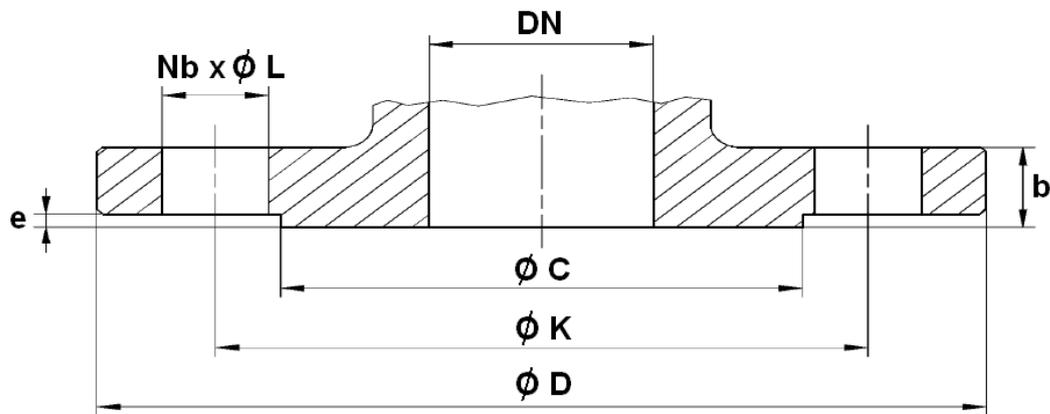


| PN | PN10/16 | | | | | | | | |
|----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 |
| Ø C | 45 | 57 | 65 | 76 | 84 | 99 | 118 | 132 | 156 |
| Ø D | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 |
| Ø K | 65 | 75 | 85 | 100 | 110 | 125 | 145 | 160 | 180 |
| Nb x Ø L | 4 x 14 | 4 x 14 | 4 x 14 | 4 x 18 | 4 x 18 | 4 x 18 | 4 x 18 | 8 x 18 | 8 x 18 |
| b | 16 | 16 | 16 | 16 | 18 | 20 | 20 | 20 | 22 |
| e | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2 | 2 | 2 | 2 |
| Ref. | 221015 | 221020 | 221025 | 221032 | 221040 | 221050 | 221065 | 221080 | 221100 |

| PN | PN10/16 | | PN16 | | |
|----------|---------|--------|---------|---------|---------|
| DN | 125 | 150 | 200 | 250 | 300 |
| Ø C | 184 | 211 | 263 | 319 | 370 |
| Ø D | 250 | 285 | 340 | 405 | 460 |
| Ø K | 210 | 240 | 295 | 355 | 410 |
| Nb x Ø L | 8 x 18 | 8 x 23 | 12 x 23 | 12 x 27 | 12 x 27 |
| b | 26 | 26 | 30 | 32 | 36 |
| e | 2 | 2.5 | 2.5 | 2.5 | 3 |
| Ref. | 221125 | 221150 | 221200 | 221250 | 221300 |

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FLANGES SIZE PN10 (in mm) :



| PN | PN10 | | |
|----------|--------|---------|---------|
| | 200 | 250 | 300 |
| DN | 200 | 250 | 300 |
| Ø C | 263 | 320 | 370 |
| Ø D | 340 | 395 | 445 |
| Ø K | 295 | 350 | 400 |
| Nb x Ø L | 8 x 23 | 12 x 23 | 12 x 23 |
| b | 30 | 32 | 36 |
| e | 2.5 | 2.5 | 3 |
| Ref. | 221201 | 221251 | 221301 |

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded (article 4, § 3)
- Certificate 3.1 on request
- Pressure tests according to EN 12266-1
- Length according to EN 558 series 1 (DIN 3202-1 F1 – NF 29354)
- R.F. flanges according to EN 1092-2 PN10/16

INSTALLATION POSITIONS :

Vertical position (descendand fluid)



Horizontal position



ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.