

## Strainer stainless steel Series ST007



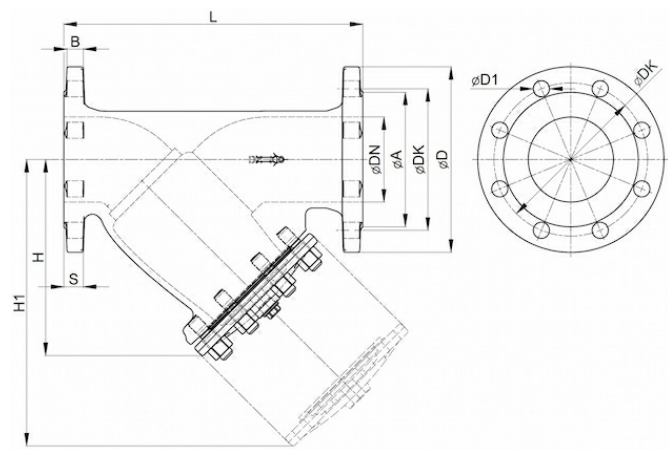
|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Design type        | strainer with integrated mesh filter, Mesh size see table                                 |
| Connection         | Flanges DN15...DN250 according to EN1092-1, PN40                                          |
| Materials          | Housing Stainless steel 1.4408, Filter insert Stainless steel 1.4401, Cover seal Graphite |
| Medium temperature | -60...+300°C                                                                              |
| Operating pressure | Nominal pressure according to the pressure-temperature table                              |
| Mounting type      | Installation in rigid piping system                                                       |
| Mounting position  | horizontal                                                                                |
| Application range  | gaseous and liquid media that do not attack the materials used                            |
| Special version    | Fine mesh filter with Mesh size 0,25mm                                                    |

### Pressure-temperature table in bar

| -60...50°C                                                                                                                                                | 100°C | 200°C | 300°C |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|
| 40                                                                                                                                                        | 32    | 25    | 21    |
| Intermediate values of the maximum operating pressures may be calculated by linear interpolation between the nearest lower and higher temperature values. |       |       |       |



Dimensions



| DN<br>[mm] | A   | B  | D   | DK  | D1 | H   | H1  | L   | N  | S  | Mesh size<br>[mm] | Weight<br>[approx. kg] | Type      |
|------------|-----|----|-----|-----|----|-----|-----|-----|----|----|-------------------|------------------------|-----------|
| 15         | 45  | 16 | 95  | 65  | 14 | 70  | 89  | 130 | 4  | 18 | 0,6               | 2,5                    | ST007-15  |
| 20         | 58  | 18 | 105 | 75  | 14 | 78  | 110 | 150 | 4  | 20 | 0,6               | 4,0                    | ST007-20  |
| 25         | 68  | 18 | 115 | 85  | 14 | 85  | 115 | 160 | 4  | 20 | 0,8               | 4,5                    | ST007-25  |
| 32         | 78  | 18 | 140 | 100 | 18 | 100 | 135 | 180 | 4  | 20 | 0,8               | 6,5                    | ST007-32  |
| 40         | 88  | 18 | 150 | 110 | 18 | 125 | 170 | 200 | 4  | 21 | 0,8               | 8,5                    | ST007-40  |
| 50         | 102 | 20 | 165 | 125 | 18 | 135 | 190 | 230 | 4  | 23 | 0,8               | 11,0                   | ST007-50  |
| 65         | 122 | 22 | 185 | 145 | 18 | 170 | 235 | 290 | 8  | 25 | 0,8               | 15,5                   | ST007-65  |
| 80         | 138 | 24 | 200 | 160 | 18 | 190 | 280 | 310 | 8  | 27 | 1,2               | 21,0                   | ST007-80  |
| 100        | 162 | 24 | 235 | 190 | 22 | 230 | 320 | 350 | 8  | 27 | 1,2               | 31,0                   | ST007-100 |
| 125        | 188 | 26 | 270 | 220 | 26 | 280 | 410 | 400 | 8  | 29 | 1,2               | 45                     | ST007-125 |
| 150        | 218 | 28 | 300 | 250 | 26 | 340 | 480 | 480 | 8  | 31 | 1,2               | 67                     | ST007-150 |
| 200        | 285 | 30 | 375 | 320 | 30 | 430 | 600 | 600 | 12 | 33 | 1,2               | 134,5                  | ST007-200 |
| 250        | 345 | 35 | 450 | 385 | 33 | 495 | 720 | 730 | 12 | 38 | 1,2               | 210,0                  | ST007-250 |

Illustrations non-binding  
Design, dimensional and material changes reserved