

FIG.935



**BOTTOM VALVE zBOT**



| Body material              | Strainer material | Nominal pressure   | Nominal diameter    | Max. temperature |
|----------------------------|-------------------|--------------------|---------------------|------------------|
| <b>A</b><br>Grey cast iron | Stainless steel   | <b>B</b><br>10 bar | DN<br><b>50-300</b> | 80°C*/200°C**    |

\* standard version  
\*\* screen only

**FEATURES**

- compact settlement
- operation in any position
- environment-friendly
- no maintenance
- flanges according to\*/compatible\*\* with EN 1092-2
- Full, non-perforated bottom of the screen
- Epoxy paint, stainless steel screen
- Possibility to order the screen itself (without check valve)

**APPLICATION**

media



INDUSTRIAL WATER



NEUTRAL FLUIDS



GLYCOL



DRINKING WATER

industries



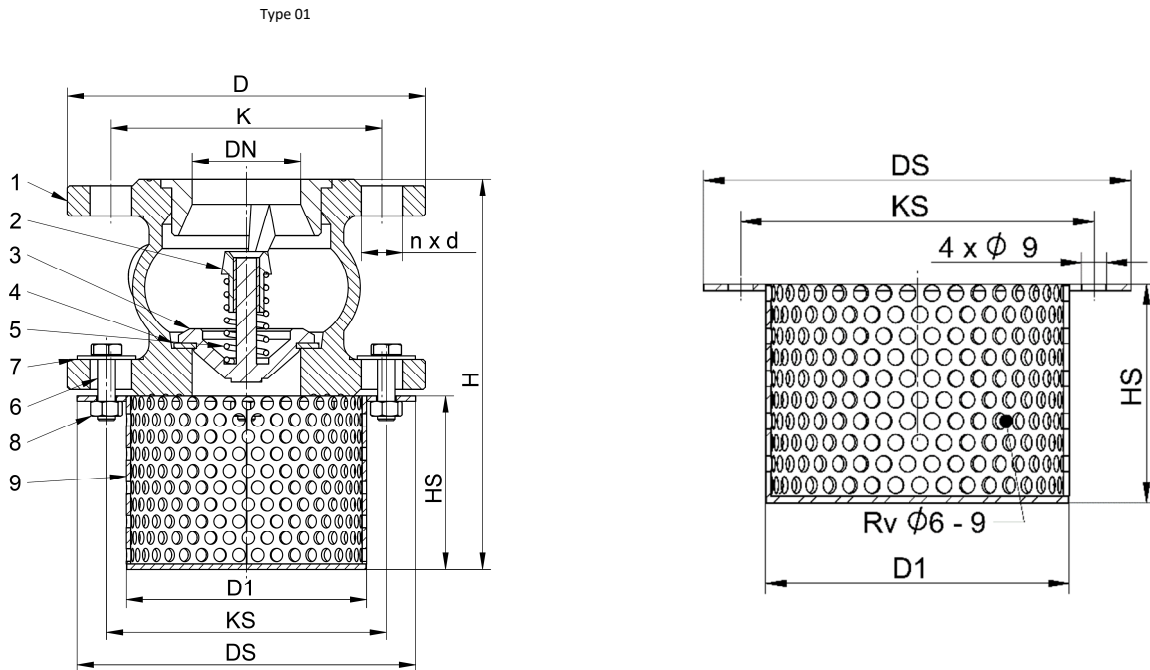
INDUSTRY

Subject to design changes

Edition 02/2026

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**FIG.935**
**MATERIALS, DIMENSIONS**


|                  | Body material    | A                              |
|------------------|------------------|--------------------------------|
|                  | Type             | 01                             |
| 1                | Body             | EN-GJL-250 5.1301 (ex. JL1040) |
| 2                | Guide            | EN-GJL-250 5.1306 (ex. JL1030) |
| 3                | Closing assembly | EN-GJL-250 5.1306 (ex. JL1030) |
| 4                | Gasket           | EPDM                           |
| 5                | Spring           | AISI 302                       |
| 6                | Hexagon bolt     | A2                             |
| 7                | Enlarged washer  | A2                             |
| 8                | Hexagon nut      | A2                             |
| 9                | Screen           | AISI 302                       |
| Max. temperature |                  | 80°C* / 200°C**                |

| DN                        | 50  | 65  | 80   | 100  | 125  | 150  | 200  | 250  | 300   |
|---------------------------|-----|-----|------|------|------|------|------|------|-------|
| DS (mm)                   | 156 | 176 | 192  | 212  | 242  | 275  | 332  | 385  | 445   |
| HS (mm)                   | 80  | 100 | 120  | 150  | 175  | 200  | 250  | 300  | 350   |
| D1 (mm)                   | 111 | 131 | 148  | 168  | 198  | 222  | 278  | 329  | 384   |
| H (mm)                    | 180 | 220 | 260  | 320  | 375  | 430  | 550  | 670  | 760   |
| KS (mm)                   | 129 | 149 | 164  | 184  | 214  | 244  | 304  | 356  | 413   |
| K <sub>vs</sub> (m³/h)    | 99  | 145 | 258  | 360  | 516  | 620  | 985  | 1620 | 2365  |
| Weight (kg) for type 01   | 5,7 | 8,8 | 10,3 | 14,0 | 22,0 | 31,5 | 50,0 | 78,0 | 107,0 |
| Weight (kg) of the screen | 0,6 | 0,7 | 0,8  | 1,2  | 1,5  | 1,8  | 2,8  | 4,3  | 5,4   |

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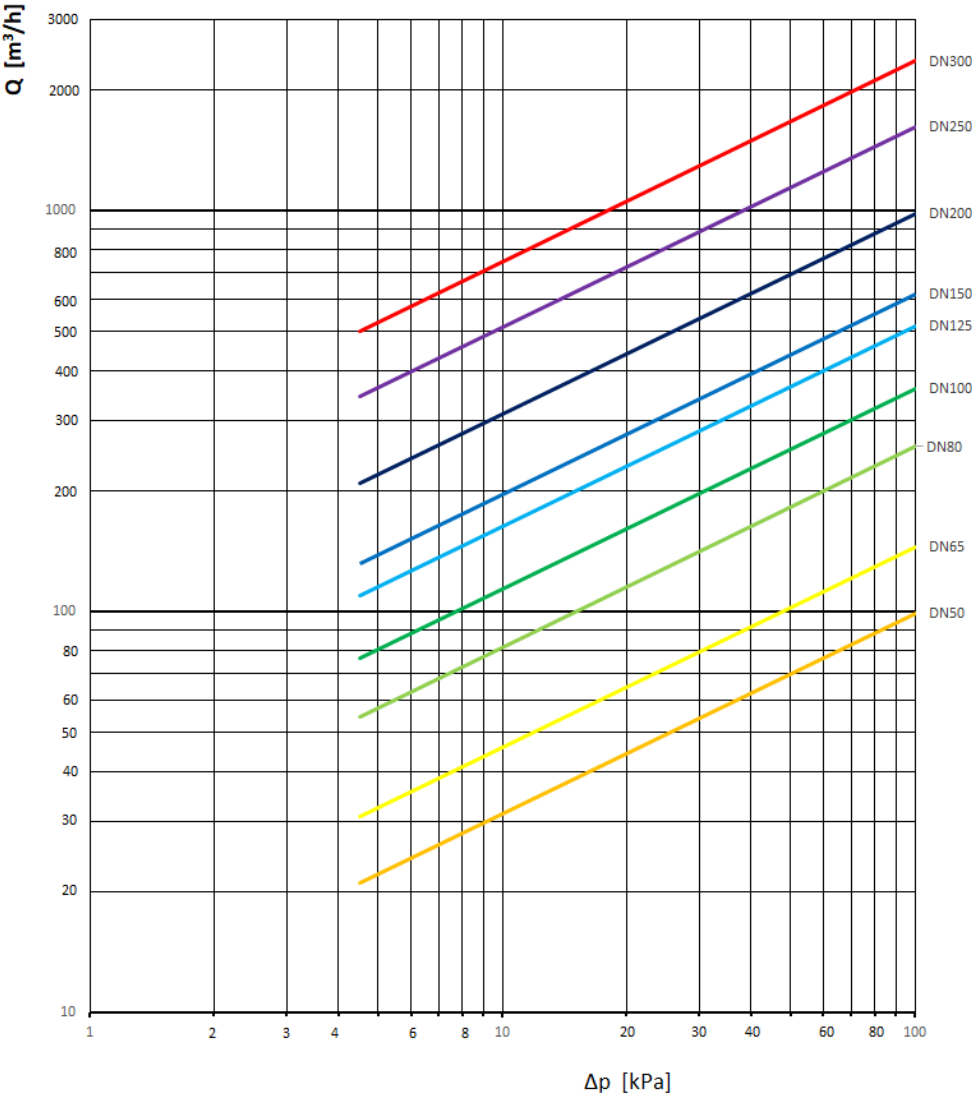
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FIG.935

PRESSURE-TEMPERATURE RATINGS

|                           |    |              |
|---------------------------|----|--------------|
| Acc. to EN 1092-2         | PN | -10°C ÷ 80°C |
| HYDRAULIC CHARACTERISTICS |    |              |



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FIG.935

FLANGE DIMENSIONS ACC. TO PN-EN 1092-2

| DN   |            | 40   | 50   | 65   | 80   | 100  | 125  | 150  | 200  | 250   | 300   |
|------|------------|------|------|------|------|------|------|------|------|-------|-------|
| PN10 | D (mm)     | 150  | 165  | 185  | 200  | 220  | 250  | 285  | 340  | 395   | 445   |
|      | K (mm)     | 110  | 125  | 145  | 160  | 180  | 210  | 240  | 295  | 350   | 400   |
|      | n x d (mm) | 4x19 | 4x19 | 4x19 | 8x19 | 8x19 | 8x19 | 8x23 | 8x23 | 12x23 | 12x23 |

FIG.935

TYPES

| Figure | Body/screen material              | Nominal diameter | Nominal pressure | Type                                                                                                             |
|--------|-----------------------------------|------------------|------------------|------------------------------------------------------------------------------------------------------------------|
| 935    | A<br>Grey cast iron<br>EN-GJL-250 | 50-300<br>mm     | B<br>10 bar      | 01<br>basket - stainless steel; with non-return disc; sealing EPDM/ cast iron; with return spring, epoxy painted |

ORDERING

| Figure | Body/screen material              | Nominal diameter | Nominal pressure | Type                                                                                                             |
|--------|-----------------------------------|------------------|------------------|------------------------------------------------------------------------------------------------------------------|
| 935    | A<br>Grey cast iron<br>EN-GJL-250 | 40-300<br>mm     | B<br>10 bar      | 01<br>basket - stainless steel; with non-return disc; sealing EPDM/ cast iron; with return spring, epoxy painted |

Order example acc. to the index

935 A 050 B 01

Bottom valve, flanged connection, straight shape  
Grey cast iron EN-GJL-250  
Nominal diameter 50 (mm)  
Nominal pressure PN 10  
Basket - stainless steel; with non-return disc; sealing EPDM/ cast iron; with return spring, epoxy painted