

**To EN 1074-2**  
**Test to EN 1074-2**  
**Flanges and drilling to ISO 7005-2 (EN 1092-2: 1997, DIN 2501)**

## Use:

For water, sewage, fire protection and neutral liquids  
 PN 10 or PN 16  
 Max. 70°C

## Types:

**06-xxx-35** Short overall length to EN 1074-2, F4  
 Materials: Body and bonnet: Ductile iron, GJS-500-7, to EN 1563  
 (BS 2789 grade 500 - 7)

**02-xxx-66** Long overall length to EN 1074-2, F5  
 Materials: Body and bonnet: Ductile iron, GJS-500-7, to EN 1563  
 (BS 2789 grade 500 - 7)

XXX: DN

## Optional extras:

Micro-switch kit for open or closed position

## Materials:

|                 |                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body and bonnet | See the different "Types" to the left                                                                                                                     |
| Handwheel       | Grey iron, GJL-250 to EN 1561 (BS 1452 grade 220/250)                                                                                                     |
| Pin             | Stainless steel, DIN X 12 CrNiS 18.8                                                                                                                      |
| Indicator nut   | Dezincification resistant brass, CuZn 39 Pb 3                                                                                                             |
| Coating         | Electrostatically applied epoxy coating to DIN 30677-2 and DIN 3476 - Internally and externally                                                           |
| Stem            | Stainless steel, DIN X 20 Cr 13                                                                                                                           |
| Stem sealing    | NBR wiper ring, plastic bearing with 2 NBR O-rings internally and 2 externally, EPDM rubber manchette                                                     |
| Wedge           | Ductile iron, core fully encapsulated with EPDM rubber with integral wedge nut of dezincification resistant brass, CW602N to EN 12165 (CZ 132 to BS 2874) |
| Thrust collar   | Dezincification resistant brass, CW602N to EN 12165 (CZ 132 to BS 2872)                                                                                   |
| Bonnet bolts    | Stainless steel A2, sealed with hot melt                                                                                                                  |
| Bonnet gasket   | EPDM rubber                                                                                                                                               |

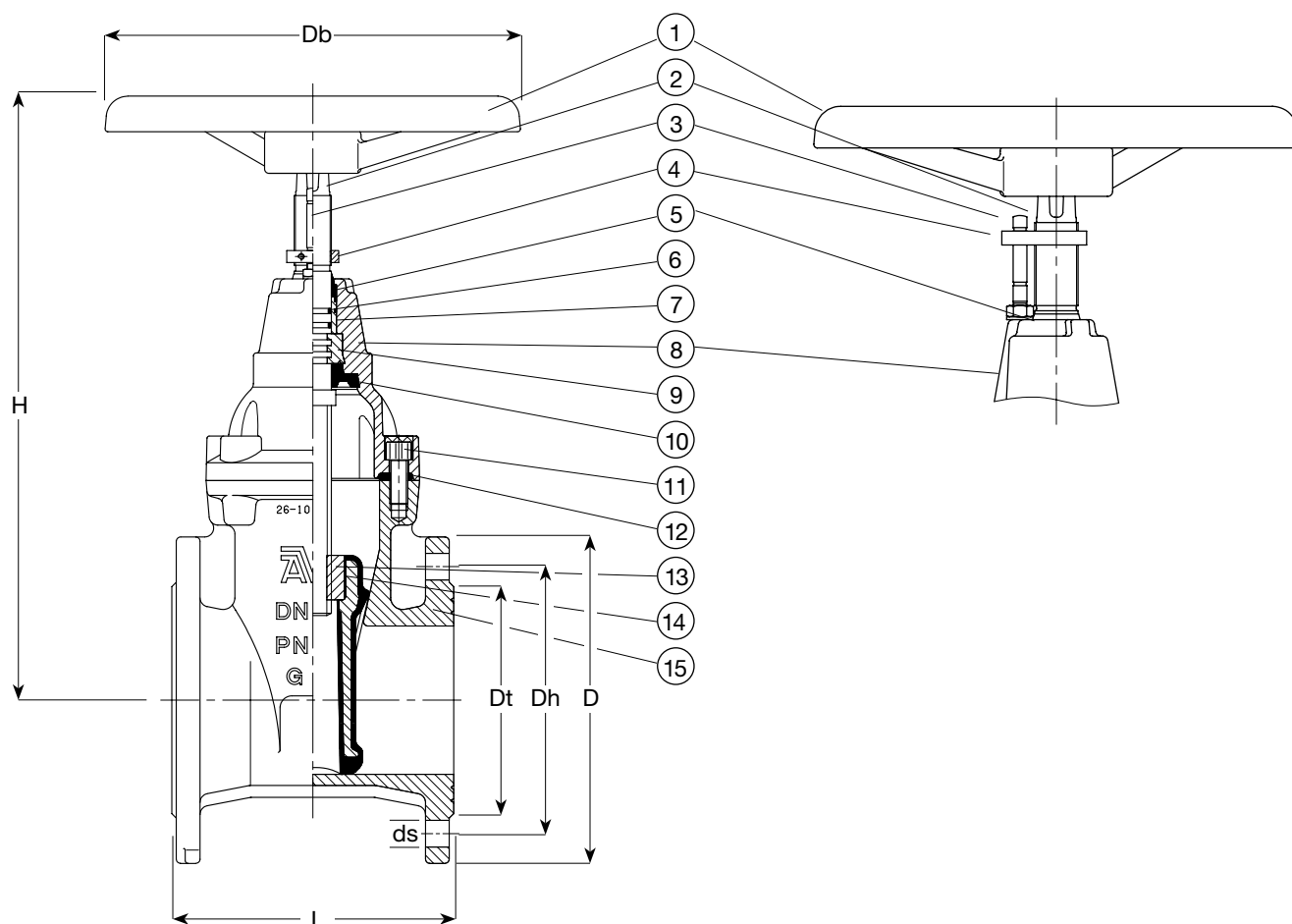


For further specifications, see section "Technical information".  
 The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

To EN 1074-2  
Test to EN 1074-2  
Flanges and drilling to ISO 7005-2 (EN 1092-2: 1997, DIN 2501)

## Component list

- |                    |                           |
|--------------------|---------------------------|
| 1. Handwheel       | 9. Thrust collar          |
| 2. Stem            | 10. EPDM rubber manchette |
| 3. Pin             | 11. Bonnet bolts          |
| 4. Indicator nut   | 12. Bonnet gasket         |
| 5. NBR Wiper ring  | 13. Wedge nut             |
| 6. NBR O-ring      | 14. Wedge                 |
| 7. Plastic bearing | 15. Body                  |
| 8. Bonnet          |                           |



| DN<br>mm | 06-xxx-35*<br>L<br>mm | 02-xxx-66<br>L<br>mm | H<br>mm | Db<br>mm | Dt<br>mm | D<br>mm | Dh<br>mm<br>PN 10 PN 16 | ds<br>mm<br>PN 10 PN 16 | Holes<br>PN 10 PN 16 | 06-xxx-35<br>Weight<br>kilos | 02-xxx-66<br>Weight<br>kilos |
|----------|-----------------------|----------------------|---------|----------|----------|---------|-------------------------|-------------------------|----------------------|------------------------------|------------------------------|
| 40       | 140                   | 240                  | 329     | 180      | 83       | 150     | 110                     | 18                      | 4                    | 11.5                         | 12.5                         |
| 50       | 150                   | 250                  | 329     | 180      | 102      | 165     | 125                     | 18                      | 4                    | 12.5                         | 13.5                         |
| 65       | 170                   | 270                  | 355     | 225      | 122      | 185     | 145                     | 18                      | 4                    | 16.0                         | 17.0                         |
| 80       | 180                   | 280                  | 382     | 225      | 138      | 200     | 160                     | 18                      | 8                    | 20.0                         | 21.0                         |
| 100      | 190                   | 300                  | 414     | 280      | 158      | 220     | 180                     | 18                      | 8                    | 26.5                         | 28.5                         |
| 125      | 200                   | 325                  | 461     | 320      | 188      | 250     | 210                     | 18                      | 8                    | 35.5                         | 37.5                         |
| 150      | 210                   | 350                  | 540     | 320      | 212      | 285     | 240                     | 22                      | 8                    | 50.5                         | 53.5                         |
| 200      | 230                   | 400                  | 688     | 360      | 268      | 340     | 295 295                 | 22 22                   | 8 12                 | 71.0                         | 76.0                         |
| 250      | 250                   | 450                  | 780     | 500      | 320      | 400     | 350 355                 | 22 26                   | 12 12                | 113.0                        | 121.0                        |
| 300      | 270                   | 500                  | 855     | 500      | 370      | 455     | 400 410                 | 22 26                   | 12 12                | 160.0                        | 171.0                        |
| 350      | 290                   | -                    | 930     | 640      | 430      | 520     | 460 470                 | 23 28                   | 12 16                | 220.0                        | -                            |
| 400      | 310                   | -                    | 960     | 640      | 482      | 580     | 515 525                 | 28 31                   | 16 16                | 240.0                        | -                            |

XXX: DN

\*All dimensions for fire fighting are Vds approved except DN 350 and 400.