



## Globe valve Type: 1270DIN Bronze Flange PN16

### Characteristics

**Type:** 1270DIN  
**Norm:** EN (DIN)  
**Construction type:** Straight  
**Housing material:** Bronze  
**Connection:** Flange  
**Flange finish:** Raised face  
**Stem seal type:** Gland seal  
**Material disc:** CC491K [RG5]  
**Spindle material:** CuZn35Ni [SoMs59]  
**Primary spindle seal material:** Graphite  
**Material bonnet:** G-CuSn5ZnPb [Rg5]

### Characteristics [2]

**Bonnet gasket material:** Graphite  
**Actuator material:** Cast iron  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 200 °C  
**Maximum pressure difference at 20 °C:** 10 bar

| DN<br>mm | Press. rating | A<br>mm | L<br>mm | H<br>mm | M<br>mm | Weight<br>[kg] |
|----------|---------------|---------|---------|---------|---------|----------------|
| 15       | PN 16         | 95      | 130     | 166     | 120     | 4,3            |
| 20       | PN 16         | 105     | 150     | 178     | 120     | 5              |
| 25       | PN 16         | 115     | 160     | 200     | 140     | 6              |
| 32       | PN 16         | 140     | 180     | 215     | 140     | 8,7            |
| 40       | PN 16         | 150     | 200     | 250     | 160     | 10             |
| 50       | PN 16         | 165     | 230     | 250     | 160     | 13,2           |
| 65       | PN 16         | 185     | 290     | 300     | 180     | 23             |
| 80       | PN 16         | 200     | 310     | 305     | 200     | 31,9           |
| 100      | PN 16         | 220     | 350     | 335     | 225     | 42,8           |
| 125      | PN 16         | 250     | 400     | 390     | 250     | 62             |
| 150      | PN 16         | 285     | 480     | 435     | 300     | 88             |
| 200      | PN 10         | 340     | 600     | 620     | 400     | 136            |
| 250      | PN 6          | 395     | 730     | 670     | 520     | 165            |
| 300      | PN 6          | 445     | 850     | 750     | 520     | 295            |

| Size         | Press. rating | Press. and temperature range |        |
|--------------|---------------|------------------------------|--------|
|              |               | 120°C                        | 200°C  |
| DN 15 - 150  | PN 16         | 16 bar                       | 12 bar |
| DN 200       | PN 10         | 10 bar                       | 8 bar  |
| DN 250 - 300 | PN 6          | 6 bar                        |        |

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| Material quality  | Nominal inner diameter | Pressure rating | Pressure rating flange | Face to Face norm | Face to Face length<br>mm | Operation                           | Type of disc                              | Type of bonnet | Sealing | Article  |
|-------------------|------------------------|-----------------|------------------------|-------------------|---------------------------|-------------------------------------|-------------------------------------------|----------------|---------|----------|
| G-CuSn5ZnPb (Rg5) | DN150                  | PN16            | PN16                   | EN 558, Series 1  | 480                       | Hand wheel, rising with rising stem | Screw down non-return disc without spring | Bolted bonnet  | Bronze  | 12711579 |

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