# TECHNICAL SHEET



## MONOBLOCK BRONZE GATE VALVE F/F BSP NON-SEALABLE PN16 FROM 1/4" TO 4"






## 1. Standards

- ✓ DIRECTIVE 2014/68/EU: Products excluded from the directive (Article 1, § 2b)
- ✓ Cylindrical BSP female/female thread according to ISO 228/1

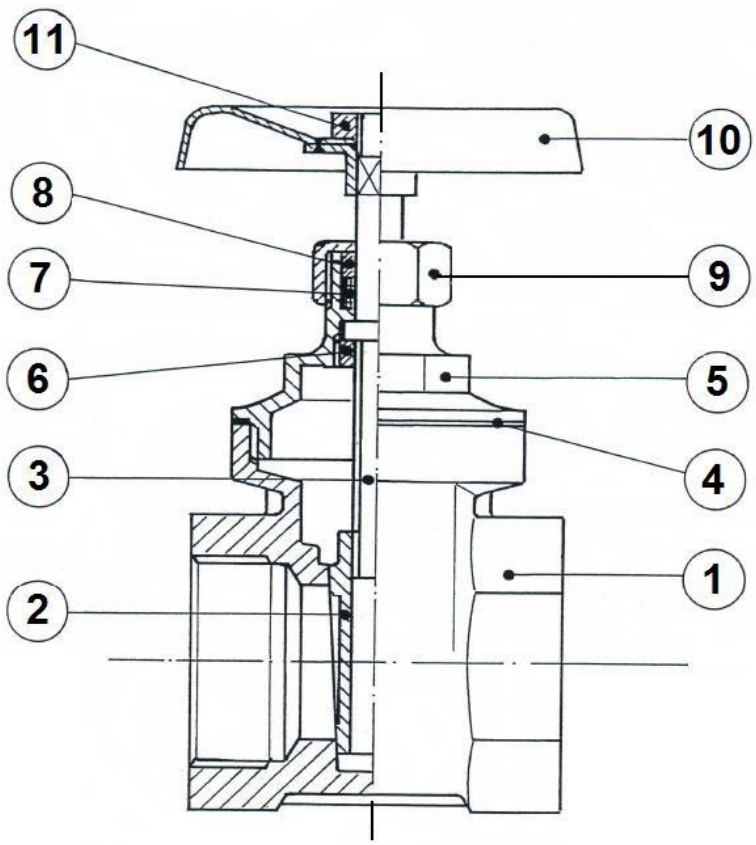
## 2. Features

| | |
|---|---|
| Use : | Sectioning of water supply and distribution networks. |
| Dimensions: | 1/4" to 4" |
| Connection : | Female BSP |
| Minimum temperature: | -10°C |
| Max temperature: | +80°C |
| Max Pressure: | 16 Bars |
| Features : | Non-rotating rising rod,<br>Internally threaded rod<br>Full passage |
| Matter : | Bronze |



Information given for information purposes only and subject to possible modifications

## 3. Materials

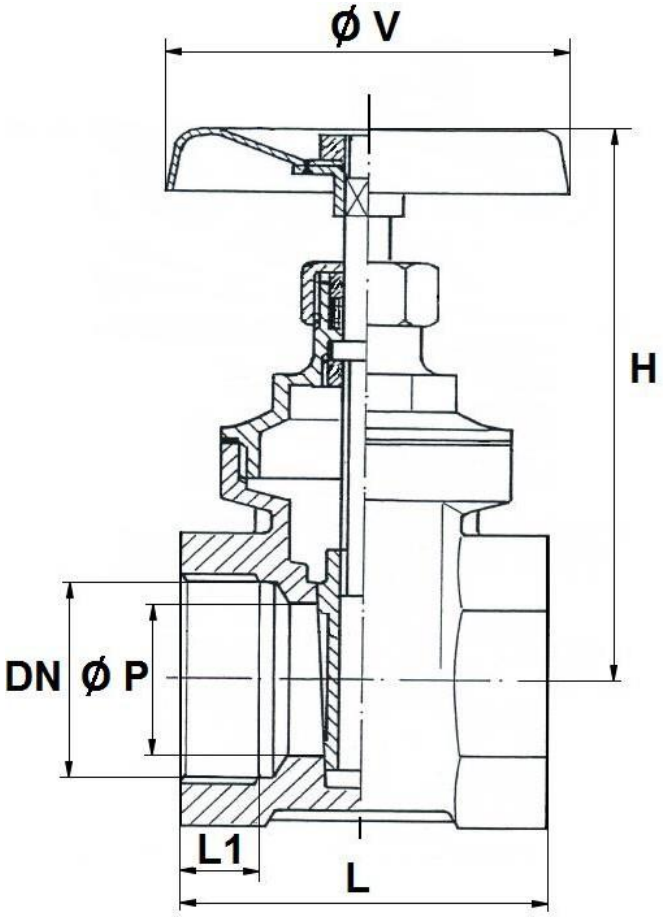



| Landmark | Designation | Materials |
|---|---|---|
| 1 | Body | Bronze SN5 UNI-EN1982 DIN 50930/6 |
| 2 | Bonnet | Brass DELTAC EN 1982 CB 754S |
| 3 | Stem | Brass CW 614 N according to EN 12164 |
| 4 | Bonnet Gasket | Fibers |
| 5 | Bonnet | Brass CW 617 N according to EN 12165 |
| 6 | Ring | Brass CW 614 N according to EN 12164 |
| 7 | Cable gland | EPDM |
| 8 | Packing nut | Brass CW 614 N according to EN 12164 |
| 9 | Packing nut | Brass CW 614 N according to EN 12164 |
| 10 | Handwheel | Aluminum |
| 11 | Handwheel nut | Galvanized steel |



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## 4. Valve dimensions




| DN | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ØP | 11 | 15 | 15 | 19 | 24 | 32 | 37 | 47 | 58 | 71 | 91 |
| L | 36 | 38 | 38 | 45 | 47 | 51 | 55 | 62 | 75 | 80 | 93 |
| L1 | 8 | 9 | 9 | 10 | 11 | 11 | 13 | 13 | 16 | 16 | 20 |
| H | 66 | 69 | 69 | 78 | 91 | 108 | 125 | 145 | 175 | 200 | 235 |
| ØV | 45 | 50 | 50 | 50 | 55 | 60 | 70 | 80 | 100 | 100 | 120 |
| Weight (in Kg) | 0.16 | 0.16 | 0.2 | 0.28 | 0.37 | 0.58 | 0.81 | 1.22 | 2.1 | 2.66 | 4.72 |

**Consult our additional technical documentation including:**

- ✓ Flow coefficients
- ✓ Calculation of load losses
- ✓ Pressure/temperature curve (excluding steam)
- ✓ Characteristics of reducers including: reduction ratio, number of turns for opening/closing, output torques.



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