



## ECON® Globe valve Type: 251A Bronze Internal thread (BSPP) PN16

Econ® bronze globe valve, with PTFE sealing, fixed disc and BSP thread connection, pressure class PN16.

### Field of application

- Water, oil, air and gas.

### Characteristics

**Type:** 251A

**Norm:** EN (DIN)

**Construction type:** Straight

**Housing material:** Bronze

**Connection:** Internal thread (BSPP)

**Stem seal type:** Gland seal

**Sealing:** PTFE

**Spindle material:** CW614N

**Primary spindle seal material:** PTFE

**Bonnet gasket material:** Fiber Gasket

### Characteristics [2]

**Actuator material:** Aluminium

**Minimum medium temperature (continuous):** -10 °C

**Maximum medium temperature (continuous):** 185 °C

**Maximum pressure difference at 20 °C:** 16 bar

| DN<br>["] | L<br>mm | H<br>mm | M<br>mm | Weight<br>[kg] |
|-----------|---------|---------|---------|----------------|
| ¼         | 50      | 68      | 50      | 0,3            |
| 3/8       | 50      | 68      | 50      | 0,3            |
| ½         | 60      | 78      | 50      | 0,5            |
| ¾         | 70      | 86      | 55      | 0,6            |
| 1         | 80      | 95      | 70      | 1              |
| 1 ¼       | 96      | 109     | 80      | 1,3            |
| 1 ½       | 105     | 117     | 80      | 1,7            |
| 2         | 130     | 128     | 110     | 2,9            |
| 2 ½       | 155     | 245     | 130     | 5,9            |
| 3         | 180     | 280     | 150     | 7,3            |

| Size      | 20 | 185 | [°C]  |
|-----------|----|-----|-------|
| 1/4" - 3" | 16 | 10  | [bar] |

| Material quality | Nominal inner diameter | Pressure rating | Face to Face norm     | Face to Face length<br>mm | Operation                           | Type of disc | Type of bonnet | Material disc | Material bonnet | Article  |
|------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------------------------|--------------|----------------|---------------|-----------------|----------|
| CC491K           | 1/4" [8]               | PN16            | Manufacturer standard | 50                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815439 |
| CC491K           | 3/8" [10]              | PN16            | Manufacturer standard | 50                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815441 |
| CC491K           | 1/2" [15]              | PN16            | Manufacturer standard | 60                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815438 |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

| Material quality | Nominal inner diameter | Pressure rating | Face to Face norm     | Face to Face length<br>mm | Operation                           | Type of disc | Type of bonnet | Material disc | Material bonnet | Article  |
|------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------------------------|--------------|----------------|---------------|-----------------|----------|
| CC491K           | 3/4" [20]              | PN16            | Manufacturer standard | 70                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815440 |
| CC491K           | 1" [25]                | PN16            | Manufacturer standard | 80                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815436 |
| CC491K           | 1.1/4" [32]            | PN16            | Manufacturer standard | 96                        | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815443 |
| CC491K           | 1.1/2" [40]            | PN16            | Manufacturer standard | 105                       | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815442 |
| CC491K           | 2" [50]                | PN16            | Manufacturer standard | 130                       | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CW614N        | CW614N          | 11815437 |
| CC491K           | 2.1/2" [65]            | PN16            | Manufacturer standard | 155                       | Hand wheel, rising with rising stem | Fixed disc   | Screwed        | CC491K [RG5]  | CC491K [RG5]    | 11815444 |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.