



## ECON® Gate valve Type: 319 Cast iron Flange PN10

### Characteristics

**Type:** 319  
**Norm:** EN (DIN)  
**Housing material:** Cast iron  
**Surface protection:** Standard manufacturers coating  
**Connection:** Flange  
**Stem seal type:** Gland seal  
**Primary spindle seal material:** PTFE  
**Material bonnet:** EN-JL1040  
**Bonnet gasket material:** Fiber Gasket

### Characteristics [2]

**Actuator material:** Cast iron  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 150 °C  
**Maximum pressure difference at 20 °C:** 10 bar

| DN  | A   | L   | H   | H open | M   | Drainplug | Weight |
|-----|-----|-----|-----|--------|-----|-----------|--------|
| mm  | mm  | mm  | mm  | mm     | mm  | G ["]     | [kg]   |
| 50  | 165 | 150 | 275 | 330    | 150 | ½         | 12     |
| 65  | 185 | 170 | 335 | 405    | 175 | ½         | 17     |
| 80  | 200 | 180 | 355 | 440    | 175 | ½         | 22     |
| 100 | 220 | 190 | 400 | 505    | 200 | ½         | 27     |
| 125 | 250 | 200 | 495 | 625    | 200 | ½         | 33     |
| 150 | 285 | 210 | 585 | 740    | 225 | ½         | 43     |
| 200 | 340 | 230 | 700 | 910    | 225 | ¾         | 65     |
| 250 | 395 | 250 | 830 | 1090   | 250 | ¾         | 100    |
| 300 | 445 | 270 | 960 | 1270   | 300 | ¾         | 142    |

| Size             | Steam and hot water | Other media   |
|------------------|---------------------|---------------|
| DN 40 t/m DN 300 | 13bar- 150°C        | 16 bar- 120°C |

| Material quality | Nominal inner diameter | Pressure rating | Face to Face norm | Face to Face length<br>mm | Operation                               | Type of bonnet | Sealing | Wedge material | Spindle material | Article  |
|------------------|------------------------|-----------------|-------------------|---------------------------|-----------------------------------------|----------------|---------|----------------|------------------|----------|
| EN-JL1040        | DN50                   | PN10            | EN 558, Series 14 | 150                       | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Bronze         | CW614N           | 11810912 |
| EN-JL1040        | DN65                   | PN10            | EN 558, Series 14 | 170                       | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Bronze         | CW614N           | 11810913 |
| EN-JL1040        | DN80                   | PN10            | EN 558, Series 14 | 180                       | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Bronze         | CW614N           | 11810914 |
| EN-JL1040        | DN100                  | PN10            | EN 558, Series 14 | 190                       | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Bronze         | CW614N           | 11810915 |

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| Material quality | Nominal inner diameter | Pressure rating | Face to Face norm | Face to Face length | Operation                               | Type of bonnet | Sealing | Wedge material | Spindle material | Article  |
|------------------|------------------------|-----------------|-------------------|---------------------|-----------------------------------------|----------------|---------|----------------|------------------|----------|
|                  |                        |                 |                   | mm                  |                                         |                |         |                |                  |          |
| EN-JL1040        | DN125                  | PN10            | EN 558, Series 14 | 200                 | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Cast iron      | CW614N           | 11810916 |
| EN-JL1040        | DN150                  | PN10            | EN 558, Series 14 | 210                 | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Cast iron      | CW614N           | 12035585 |
| EN-JL1040        | DN200                  | PN10            | EN 558, Series 14 | 230                 | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Cast iron      | CW614N           | 11810917 |
| EN-JL1040        | DN250                  | PN10            | EN 558, Series 14 | 250                 | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Cast iron      | CW614N           | 11810918 |
| EN-JL1040        | DN300                  | PN10            | EN 558, Series 14 | 270                 | Hand wheel, non-rising with rising stem | Bolted bonnet  | Bronze  | Cast iron      | CW614N           | 11810919 |

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