

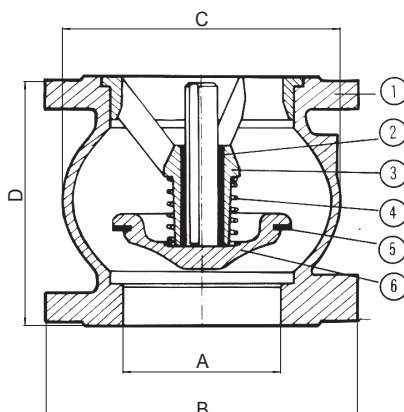
# CHECK VALVE

Type 402

**SOCCLA**  
A WATTS Brand

ALPHA GROUP

Cast Iron PN 16 ND 50 to 400 mm



## Technical Characteristics

- Operates in any position
- Minimum headloss
- Silent, reliable sealing, compact
- Exceptional robustness
- Does not generate hammering

## Description

- Closing system : Long back axial guiding for reduced displacement
- Sealing guaranteed by a flat seal
- Return spring

## Characteristics

|                      |                                                                        |           |
|----------------------|------------------------------------------------------------------------|-----------|
| Temperature<br>IN °C | MIN.                                                                   | -10°C     |
|                      | MAX. AT PEAK                                                           | 110°C     |
| Pressure in bars     | OPENING PRESSURE                                                       | See Table |
|                      | SERVICE                                                                | 16 bars   |
|                      | TESTING PRESSURE                                                       | 25 bars   |
| Mediums              | Clear liquids - Gas                                                    |           |
| Headloss Chart       | See Overleaf                                                           |           |
| Connections          | PN 16 Flanges drilled PN 10 - ASA 150 - NFE 29206 - DIN 2501 - BS 4504 |           |
| Approvals            | France : VERITAS - Denmark : VA                                        |           |

## References - Dimensions

| Ref.  |        | A      |     | B   | C   | D   | Weight |
|-------|--------|--------|-----|-----|-----|-----|--------|
| 16/10 | ASA150 | inch   | mm  | mm  | mm  | mm  | kg     |
| 2282  | 2338   | 2"     | 50  | 165 | 97  | 100 | 5.8    |
| 2283  | 2339   | 2 1/2" | 65  | 185 | 125 | 120 | 8.1    |
| 2284  | 2340   | 3"     | 80  | 200 | 150 | 140 | 10.2   |
| 2285  | 2341   | 4"     | 100 | 220 | 187 | 170 | 14.5   |
| 2226  | 2243   | 5"     | 125 | 250 | 220 | 200 | 24     |
| 2227  | 2244   | 6"     | 150 | 285 | 260 | 230 | 32     |
| 2229  | 2246   | 8"     | 200 | 340 | 340 | 288 | 53     |
| 2230  | 2247   | 10"    | 250 | 405 | 420 | 354 | 94     |

## Nomenclature

| Nb | Description    | Qt | Materials                         | Afnor               | DIN                    | BS          | ANSI                |
|----|----------------|----|-----------------------------------|---------------------|------------------------|-------------|---------------------|
| 1  | Casing         | 1  | Cast Iron                         | FT25C               | GG25                   | 1 452 260   | A126 CL.B           |
| 2  | Ring           | 1  | <100mm : brass<br>>100mm : bronze | CUZN40Y30<br>CUSN12 | G-CUZN40PB<br>G-CUZN12 | DCB3<br>PB2 | B 584-857<br>4846 A |
| 3  | Guide          | 1  | Cast Iron                         | FT25C               | GG25                   | 1 452 260   | A126 CL.B           |
| 4  | Spring         | 1  | Stainless Steel                   | Z10CNI809           | 1-4300                 | 302 S25     | AISI 302            |
| 5  | Seal           | 1  | EPDM                              |                     |                        |             |                     |
| 6  | Closing System | 1  | Cast Iron                         | FT25C               | GG25                   | 1 452 260   | A126 CL.B           |

## Opening Pressure in mm/WC

| ND  | ↑   | ↓   | →   | ↑<br>without spring |
|-----|-----|-----|-----|---------------------|
| 50  | 440 | 220 | 330 | 110                 |
| 65  | 450 | 190 | 320 | 130                 |
| 80  | 450 | 190 | 320 | 130                 |
| 100 | 500 | 240 | 370 | 130                 |
| 125 | 510 | 210 | 360 | 150                 |
| 150 | 550 | 210 | 380 | 170                 |
| 200 | 590 | 210 | 400 | 190                 |
| 250 | 710 | 210 | 460 | 250                 |

