

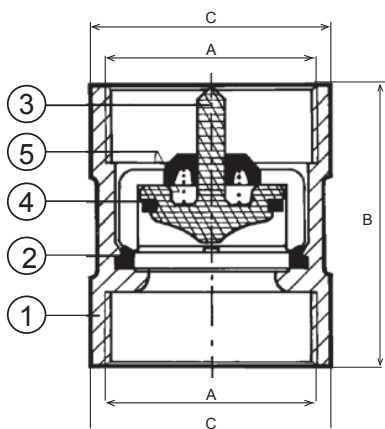
# CHECK VALVE

Type 601

**SOCCLA**  
A WATTS Brand

ALPHA GROUP

Compact PN 10 DN 3/8" - 2"



## Technical Characteristics

- Operates in any position.
- Minimum headloss.
- Silent, robust.
- Does not generate hammering.

## Description

- Closing system : double axial guiding with release spring.
- Compact 01 system in 3/4, 1" and 1 1/4."
- 01 system in the other sizes.
- Excellent sealing at high as well as at low pressure

## Characteristics

|                      |                                                                                            |                                            |         |                     |
|----------------------|--------------------------------------------------------------------------------------------|--------------------------------------------|---------|---------------------|
| Temperature<br>IN °C | MIN.                                                                                       | -10°C                                      | Service | 90 °C<br>Continuous |
|                      | MAX. AT PEAK                                                                               | 100°C at peak                              |         |                     |
| Pressure in bars     | OPENING PRESSURE                                                                           | Between 10 and 25 cm/WC depending on sizes |         |                     |
|                      | SERVICE                                                                                    | 10 bars                                    |         |                     |
|                      | TESTING PRESSURE                                                                           | 16 bars                                    |         |                     |
| Mediums              | Clear and non corrosive liquids, gas hydrocarbons in 3/8" and 1/2" thank to the Viton seal |                                            |         |                     |
| Headloss Chart       | See Overleaf                                                                               |                                            |         |                     |
| Connections          | F/F BSP thread                                                                             |                                            |         |                     |
| Approvals            | France : VERITAS - Norway : GNFS                                                           |                                            |         |                     |

## References - Dimensions

| Ref   | A      |       |
|-------|--------|-------|
|       | Ø      | mm    |
| 2503* | 3/8"   | 12/17 |
| 2504* | 1/2"   | 15/21 |
| 2505  | 3/4"   | 20/27 |
| 2006  | 1"     | 26/34 |
| 2507  | 1-1/4" | 33/42 |
| 2508  | 1-1/2" | 40/49 |
| 2509  | 2"     | 50/60 |

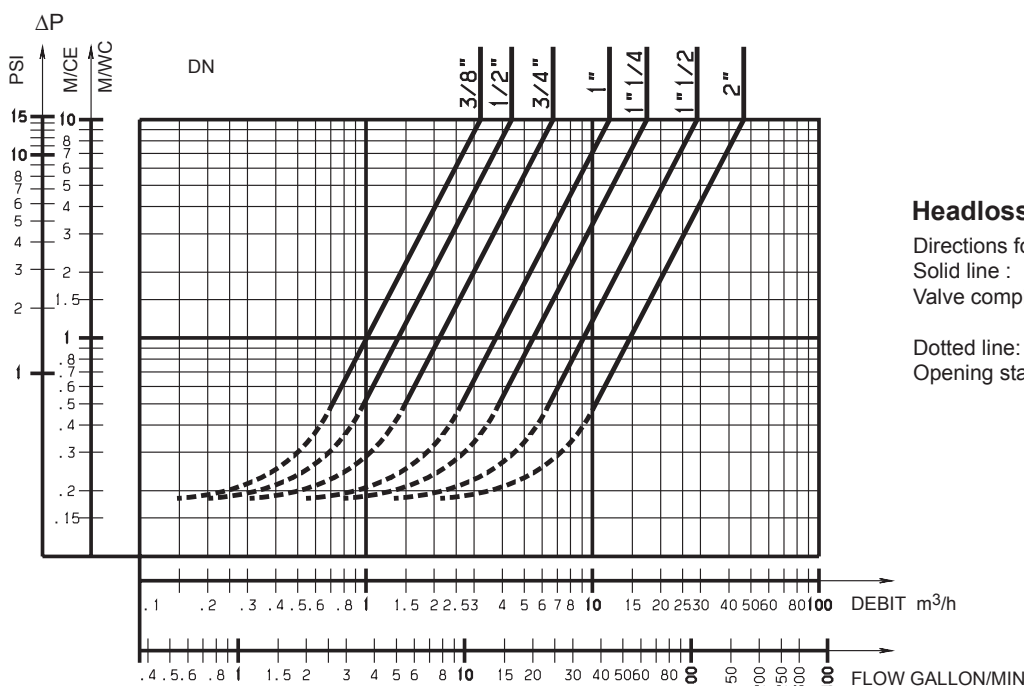
  

| B<br>mm | C<br>mm | Weight<br>g |
|---------|---------|-------------|
| 38      | 22      | 60          |
| 41      | 26      | 90          |
| 42      | 30      | 100         |
| 47      | 37      | 150         |
| 55      | 47      | 275         |
| 78      | 55      | 315         |
| 89      | 67      | 490         |

\* Viton seal

## Nomenclature

| Nb | Description    | Qty | Materials                                                                                                                       | Afnor     | DIN        | BS     | ANSI      |
|----|----------------|-----|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------|-----------|
| 1  | Casing         | 1   | Brass                                                                                                                           | CUZN39Y30 | G-CUZN39PB | DCB3   | B 584-857 |
| 2  | Guide          | 1   | 3/8, 1/2, 1 1/2, 2" Hostaform : Pom Polyacetal (Polyoxymethylene)<br>3/4, 1", 1 1/4, Delrin : Pom Polyacetal (Polyoxymethylene) |           |            |        |           |
| 3  | Closing system | 1   | 3/8, 1/2, 1 1/2, 2" Hostaform : Pom Polyacetal (Polyoxymethylene)<br>3/4, 1", 1 1/4, NORYL : PPO Polyphenylene Oxyde            |           |            |        |           |
| 4  | Seal           | 1   | EPDM<br>NBR (Nitrile) DN 1 1/2 and 2"                                                                                           |           |            |        |           |
| 5  | Spring         | 1   | Stainless steel                                                                                                                 | Z10CN1809 | 1.4300     | 302S25 | AISI 302  |



## Headloss Chart

Directions for use :  
Solid line :  
Valve completely open

Dotted line:  
Opening stage of valve

