

## Axial check valves stainless steel

### Series 304V, CH014-V



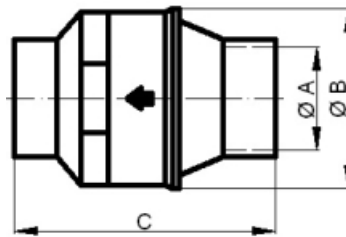
|                          |                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design type              | Poppet valve spring-loaded                                                                                                                                                 |
| Connection               | G1/2" ... G4" according to ISO228/1                                                                                                                                        |
| Materials                | Series 304V: Body and internal parts Stainless steel 1.4301, Seal FKM<br>Series CH014-V: Body and internal parts Stainless steel 1.4401, Seal FKM                          |
| Application range        | Gases and liquids according to table "Fluid groups" that do not attack the materials used<br>The valves are not suitable for steam or for use as a compressor check valve. |
| Medium temperature       | -20...+150°C                                                                                                                                                               |
| Operating pressure range | G1/2" 0,025 - 16bar, G3/4" ... G4" 0,03 - 16bar                                                                                                                            |
| Flow direction           | in Free in arrow direction, blocked in opposite direction                                                                                                                  |
| Mounting type            | Installation in rigid piping system                                                                                                                                        |
| Mounting position        | any                                                                                                                                                                        |

#### Permissible fluid groups according to the Pressure Equipment Directive 2014/68/EU

| Anschluss       | Gases Group 1 | Gases Group 2 | Liquids Group 1 | Liquids Group 2 |
|-----------------|---------------|---------------|-----------------|-----------------|
| G1/2" ... G1"   | X             | X             | X               | X               |
| G1 1/4" ... G2" | -             | X             | X               | X               |
| G2 1/2" ... G4" | -             | -             | X               | X               |

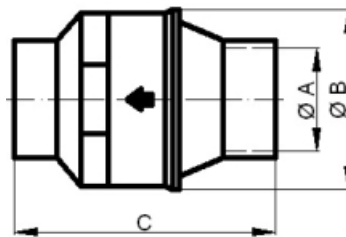


# Dimensions



| A       | B   | C   | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type         |
|---------|-----|-----|--------------------|------------------------|--------------|
| G1/2"   | 32  | 56  | 5                  | 0,10                   | 304VS-1/2"   |
| G3/4"   | 44  | 67  | 10                 | 0,13                   | 304VI-3/4"   |
| G1"     | 53  | 83  | 16                 | 0,19                   | 304VI-1"     |
| G1 1/4" | 62  | 97  | 32                 | 0,28                   | 304VI-1 1/4" |
| G1 1/2" | 78  | 114 | 45                 | 0,39                   | 304VI-1 1/2" |
| G2"     | 89  | 121 | 66                 | 0,70                   | 304VI-2"     |
| G2 1/2" | 113 | 141 | 100                | 1,43                   | 304VI-2 1/2" |
| G3"     | 132 | 164 | 141                | 2,09                   | 304VI-3"     |
| G4"     | 167 | 191 | 215                | 3,42                   | 304VI-4      |

# Dimensions



| A       | B   | C   | Kv value<br>[m³/h] | Weight<br>[approx. kg] | Type        |
|---------|-----|-----|--------------------|------------------------|-------------|
| G1/2"   | 32  | 55  | 5                  | 0,10                   | CH014-12-V  |
| G3/4"   | 44  | 67  | 10                 | 0,13                   | CH014-34-V  |
| G1"     | 53  | 83  | 16                 | 0,19                   | CH014-10-V  |
| G1 1/4" | 62  | 97  | 32                 | 0,28                   | CH014-114-V |
| G1 1/2" | 78  | 114 | 45                 | 0,39                   | CH014-112-V |
| G2"     | 89  | 121 | 66                 | 0,70                   | CH014-20-V  |
| G2 1/2" | 113 | 141 | 100                | 1,43                   | CH014-212-V |
| G3"     | 132 | 164 | 141                | 2,09                   | CH014-30-V  |
| G4"     | 167 | 191 | 215                | 3,42                   | CH014-40-V  |

Illustrations non-binding  
Design, dimensional and material changes reserved

Armatures / Pressure regulators, safety valves and accessories / Check valves / Axial type check valve Series 304,CH014-V