

# Check valve N

MADE IN GERMANY

## Backflow reliably prevented for liquids and gases

With Evoguard check valves, the function of the system is ensured at all times. Regardless of whether the pipe is to be prevented from draining or backflow, Evoguard non-return valves are reliable in any installation position. Flush-sealed and secure against tearing out of the sealing elements.



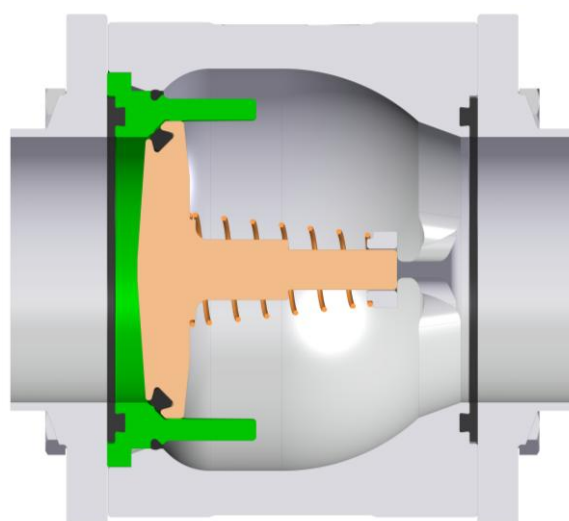
Operating manual

## Simple installation

- installation between two standard flanges with welding end
- available as DN25-DN150 or OD1.0-OD6.0
- sealing materials EPDM, FKM and HNBR

## Technical data

|                                   |                        |
|-----------------------------------|------------------------|
| Product pressure                  | 10 bar                 |
| Opening pressure                  |                        |
| vertical installation             | 0.05 barg (0.73 psig)  |
| horizontal installation           | 0.04 barg (0.58 psig)  |
| overhead installation             | 0.03 barg (0.44 psig)  |
| completely open                   | 0.075 barg (1.09 psig) |
| Kv values valve with flow-through |                        |
| DN25/OD1.0                        | 19 m³/h                |
| DN40/OD1.5                        | 40 m³/h                |
| DN50/OD2.0                        | 64 m³/h                |
| DN65/OD2.5                        | 111 m³/h               |
| DN80/OD3.0                        | 167 m³/h               |
| DN100/OD4.0                       | 255 m³/h               |
| DN125                             | 385 m³/h               |
| DN150/OD6.0                       | 557 m³/h               |



## Overview of details

|  |
|--|
| available pipe dimensions DN25 - 150 and OD1.0 - OD6.0           |
| sealing materials EPDM, HNBR and FKM                             |
| low response pressure  |
| material with product contact 1.4404, optional 1.4539 and 2.4605 |
| intermediate flange version                                      |