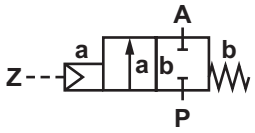
## 2/2-way valves DN 15 to DN 50

For neutral gases and liquids
Pressure actuated by external fluid
Seat valves
Internal thread G 1/2 to G 2 or 1/2" NPT to 2" NPT






## Description (standard valve)

| | |
|---|---|
| Switching function: | normally closed |
| Flow direction: | determined |
| Mounting position: | as required |

## Process fluid characteristics / Valve material

| | |
|---|---|
| Fluid temperature: | -10 °C up to max. +180 °C |
| Ambient temperature: | -10 °C up to max. +60 °C |
| Body / Valve seat: | Dezincification resistant brass |
| Seat seal: | PTFE |
| Internal parts: | Brass, Stainless steel |
| Spindle sealing: | PTFE / FPM, self-adjusting |

## Pilot fluid characteristics / Actuator material

| | | |
|---|---|---|
| Pilot connection: | | G 1/4 or 1/4" NPT, respectively |
| Pilot fluid: | | neutral gases |
| Fluid temperature: | | max. +80 °C |
| Actuator: | Body: | Stainless steel, Aluminium |
| | Bottom: | WEMA-Kor coated |
| Seat seal: | | NBR |
| Internal parts: | | Coated steel |

## Features

- High flow rate
- Suitable for contaminated process fluids
- Damped closing (valve closes against flow direction)
- For robust industry applications
- Suitable for vacuum up to max. 90%

## Technical data

| Connection size G | DN mm | kv-Value m³/h | Part number | Operating pressure bar* | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | PTFE | Normally open | Position indicator: 2 switches, Ex-protected | Position indicator: on / off with micro switches | Fluid temperature +200 °C |
| | | | → | 00 | 01** | 40 | 41 | 59 |
| 1/2 | 15 | 4.8 | 82182**XX**.0000.**00000** | 0 - 16 | 0 - 16 | 0 - 16 | 0 - 16 | 0 - 16 |
| 3/4 | 20 | 10.0 | 82183**XX**.0000.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 |
| 1 | 25 | 14.0 | 82184**XX**.0000.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 |
| 1 1/4 | 32 | 23.0 | 82185**XX**.0000.**00000** | 0 - 7 | 0 - 7 | 0 - 7 | 0 - 7 | 0 - 7 |
| 1 1/2 | 40 | 30.0 | 82186**XX**.0000.**00000** | 0 - 4.5 | 0 - 4.5 | 0 - 4.5 | 0 - 4.5 | 0 - 4.5 |
| 2 | 50 | 37.0 | 82187**XX**.0000.**00000** | 0 - 3 | 0 - 3 | 0 - 3 | 0 - 3 | 0 - 3 |
| 1 1/4 | 32 | 27.0 | 82285**XX**.0000.**00000** | 0 - 16 | 0 - 16 | 0 - 16 | 0 - 16 | 0 - 16 |
| 1 1/2 | 40 | 37.0 | 82286**XX**.0000.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 |
| 2 | 50 | 53.0 | 82287**XX**.0000.**00000** | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 | 0 - 10 |

* Pilot pressure 3.5 - 8 bar

** Pilot pressure 1 - 6 bar