# Globe valve AT 1050D



# Product information

Steel cone valve with flanges, PN 40. Equipped with a bellows that prevents the medium from coming into contact with the packing box. Maintenance-free, external spindle thread, indicator device that marks the open/closed position, non-rising handwheel. Used as a shut-off valve for non-aggressive fluids, gas and steam.

| | |
|---|---|
| **Dimension range (DN)** | 15 - 250 |
| **PN** | 40 |
| **Temperature (°C)** | -10 - 400 |
| **Main material** | Steel |

## Area of use

As a shut-off valve for non-aggressive fluids, gas, and steam.

## Tender text

**PSB.5 Ball valves and needle valves**

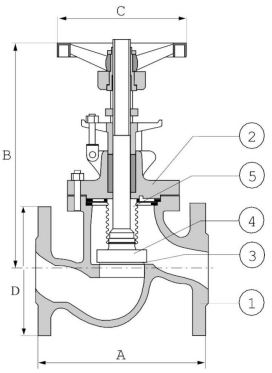
## Quality assurance

AFS 2023:5, PED 2014/68/EU
**The product is CE marked**
**Product marking:** Manufacturer, DN, PN, CE, material, and arrow indicating flow direction.

## Energy and environment declaration

**Subject to notification under REACH:** No
**Reach date:** 12/06/2026
**Reach note:** The product is not covered by REACH

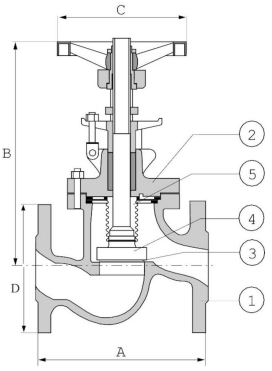
| Pos | Component | Material |
|---|---|---|
| 1 | Body | Steel GP240GH N (1.0619) |
| 2 | Bonnet | Steel GP240GH N (1.0619) |
| 3 | Seat | Steel GP240GH N (1.0619) |
| 4 | Globe | Steel GP240GH N (1.0619) |
| 5 | Bellows seal | Acid resistant stainless steel AISI 316 (1.4401) |




## Measurements and weight

**Dimension range (DN):** 15 - 250

| DN | A | B | C | D | Net weight (kg) |
|---|---|---|---|---|---|
| 15 | 130 | 185 | 140 | 95 | 5 |
| 20 | 150 | 185 | 140 | 105 | 6 |
| 25 | 160 | 220 | 160 | 115 | 7 |
| 32 | 180 | 220 | 160 | 140 | 8 |
| 40 | 200 | 235 | 180 | 150 | 10 |
| 50 | 230 | 255 | 180 | 165 | 13 |
| 65 | 290 | 300 | 225 | 185 | 19 |
| 80 | 310 | 335 | 250 | 200 | 25 |
| 100 | 350 | 370 | 300 | 235 | 43 |
| 125 | 400 | 390 | 350 | 270 | 62 |
| 150 | 480 | 400 | 400 | 300 | 92 |
| 200 | 600 | 495 | 500 | 375 | 148 |




## Function and design

The bellows (5) prevent the medium from coming into contact with the packing box. This means that the risk of packing box leakage is eliminated.

- Maintenance-free
- External spindle thread
- Indicator device that marks open/closed position
- Non-rising handwheel

Maximum working pressure and temperature
35 bar at 200°C
28 bar at 300°C
21 bar at 400°C

## Technical data

**Main material:** Steel
**Main material code:** Steel GP240GH N (1.0619)
**Included materials:** Stainless steel, Steel
**Included material code:** Acid resistant stainless steel AISI 316 (1.4401), Steel GP240GH N (1.0619)
**Temperature (°C):** -10 - 400
**Temperature notes:** DIN EN 1092 determines the allowable operating pressure in relation to temperature. Maximum 35 bar at 200°C, maximum 28 bar at 300°C, maximum 21 bar at 400°C.
**PN:** 40
**Connection:** Flanged EN1092
**ETIM classification:** EC010120 - Globe valve
**BK04 code:** 20707 Mushroom valves

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KVS | 4.8 | 7.3 | 9.6 | 17.8 | 27.3 | 40.1 | 70.1 | 111 | 172 | 264 | 374 | 701 |

## Installation and maintenance

**Possible mounting position:** Vertical, Horizontal
Can be installed in any built-in position except for downward-facing knob. Vibrations in the pipe system should be avoided. The system should be flushed before commissioning.

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

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