

# Globe valve AT 1028B



## Product information

Cast iron flanged cone valve, PN 25, with bellows to prevent contact between the medium and the packing box. Maintenance-free, external spindle thread, indicator device indicating open/closed position, non-rising handwheel. Used as a shut-off valve for steam, condensate, hot water, hot oil, and hazardous media for health and the environment.

|                             |              |
|-----------------------------|--------------|
| <b>Dimension range (DN)</b> | 15 - 200     |
| <b>PN</b>                   | 16 - 25      |
| <b>Temperature (°C)</b>     | -10 - 350    |
| <b>Main material</b>        | Ductile iron |

### Area of use

Shut-off valve for:

- steam
- condensate
- hot water
- hot oil

### Tender text

#### PSB.5 Ball valves and needle valves

Cone valve AT 1028B..., DN..., flanged connection. Housing made of cast iron and bellows made of stainless acid-resistant steel.

### Quality assurance

AFS 2023:5, PED 2014/68/EU

#### The product is CE marked

Testing is carried out in accordance to EN 12266-1. Leakage class A applies to this type of valve.

**Product marking:** Manufacturer, DN, PN, CE, material, and arrow indicating flow direction.

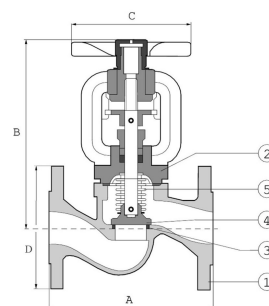
### Energy and environment declaration

**Subject to notification under REACH:** No

**Reach date:** 12/06/2026

**Reach note:** The product is not covered by REACH

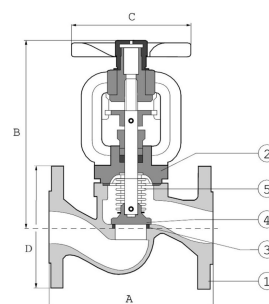
| Pos | Component    | Material                                           |
|-----|--------------|----------------------------------------------------|
| 1   | Body         | Ductile iron GJS-400-18 (GGG40.3)                  |
| 2   | Bonnet       | Ductile iron GJS-400-18 (GGG40.3)                  |
| 3   | Seat         | Martensitic stainless steel (1.4021)               |
| 4   | Globe        | Martensitic stainless steel (1.4021)               |
| 5   | Bellows seal | Acid resistant stainless steel AISI 316Ti (1.4571) |



## Measurements and weight

**Dimension range (DN):** 15 - 200

| Item number | A   | B   | C   | D   | Net weight (kg) |
|-------------|-----|-----|-----|-----|-----------------|
| 1028B15     | 130 | 178 | 125 | 95  | 3.2             |
| 1028B20     | 150 | 178 | 125 | 105 | 3.9             |
| 1028B25     | 160 | 193 | 125 | 115 | 4.85            |
| 1028B32     | 180 | 201 | 125 | 140 | 6.5             |
| 1028B40     | 200 | 224 | 150 | 150 | 9               |
| 1028B50     | 230 | 228 | 150 | 165 | 11              |
| 1028B65     | 290 | 270 | 175 | 185 | 15.8            |
| 1028B16-65  | 290 | 270 | 175 | 185 | 15.8            |
| 1028B80     | 310 | 295 | 200 | 200 | 24              |
| 1028B100    | 350 | 325 | 250 | 220 | 35              |
| 1028B16-100 | 350 | 325 | 250 | 220 | 36              |
| 1028B125    | 400 | 380 | 300 | 250 | 49              |
| 1028B16-125 | 400 | 380 | 300 | 250 | 49              |
| 1028B150    | 480 | 427 | 400 | 285 | 76              |
| 1028B16-150 | 480 | 427 | 400 | 285 | 76              |



| Item number | A   | B   | C   | D   | Net weight (kg) |
|-------------|-----|-----|-----|-----|-----------------|
| 1028B200    | 600 | 569 | 500 | 340 | 130.5           |

## Function and design

Cone valve with bellows that prevents the medium from coming into contact with the packing box. This eliminates the risk of packing box leakage. The valve has external spindle threading, a non-rising handle, and a pointer device that indicates the open/closed position. Maximum working pressure and temperature are as follows: 25.0 bar at 10°C, 25.0 bar at 120°C, 24.3 bar at 150°C, 23.0 bar at 200°C, 21.8 bar at 250°C, 20.0 bar at 300°C, and 17.5 bar at 350°C.

## Technical data

**Main material:** Ductile iron

**Main material code:** Ductile iron GJS-400-18 (GGG40.3)

**Included materials:** Stainless steel, Ductile iron

**Included material code:** Martensitic stainless steel (1.4021), Ductile iron GJS-400-18 (GGG40.3)

**Temperature (°C):** -10 - 350

**PN:** 16 - 25

**Connection:** Flanged EN1092

**ETIM classification:** EC010120 - Globe valve

**BK04 code:** 20707 Mushroom valves

**Comment to colour:** Blue

| DN  | 15  | 20  | 25 | 32 | 40 | 50 | 65 | 80  | 100 | 125 | 150 | 200 |
|-----|-----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|
| KVS | 5.9 | 7.4 | 13 | 18 | 30 | 41 | 79 | 115 | 181 | 225 | 364 | 725 |

## Installation and maintenance

**Flowdirection:** Uni-directional

**Possible mounting position:** Vertical, Horizontal

Flanges according to EN 1092-1, PN25. Can be mounted in any installation position except for downward facing.

Vibrations in the pipe system should be avoided. The system should be thoroughly flushed before commissioning.

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

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