# Globe valve AT 1040C



# Product information

Steel cone valve with flanges, PN 40. With rising, externally threaded spindle. Flat sealing surfaces. The packing box is pressure-relieved with the cone in the fully open position. Valves from DN 125 have a pressure-relieved cone as standard, which also means that the flow direction is from the opposite direction, i.e. from top to bottom. Used as a shut-off valve for steam, condensate, and hot water.

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

## Area of use

As shut-off valve for:
- steam
- hot water
- condensate

## Tender text

**PSB.5 Ball valves and needle valves**
Cone valve AT 1040C..., DN.., flanged connection. Housing made of steel and bellows made of stainless acid-resistant steel.

## Quality assurance

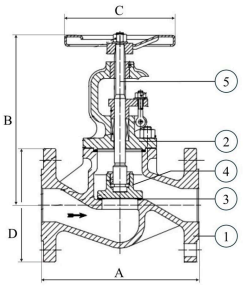
AFS 2023:5, PED 2014/68/EU
**The product is CE marked**
**Product marking:** Manufacturer, DN, PN, material, and arrow indicating flow direction.

## Energy and environment declaration

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

## List of details

| 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 | Spindle | Martensitic stainless steel (1.4021) |
| Stellite-reinforced sealing between seat and globe. | | |




## Measurements and weight

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

| N | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 | 730 |
| | 185 | 185 | 220 | 220 | 235 | 255 | 300 | 335 | 370 | 390 | 400 | 495 | 660 |
| | 140 | 140 | 160 | 160 | 180 | 180 | 225 | 250 | 300 | 350 | 400 | 500 | 500 |
| | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 235 | 270 | 300 | 375 | 450 |
| et eight g) | 4 | 5.5 | 6.5 | 8 | 11 | 13.5 | 19 | 28 | 41.5 | 62 | 92 | 148 | 298 |

## Function and design

Rising, externally threaded spindle. Flat sealing surfaces.
The packing box is pressure relieved with the cone in fully open position.
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:** 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
**Comment to colour:** Blue

| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KVS | 4.8 | 7.3 | 9.6 | 17.8 | 27.3 | 40.1 | 70.1 | 111 | 172 | 264 | 374 | 701 | 1035 |

## Installation and maintenance

**Possible mounting position:** Vertical, Horizontal
Can be installed in any built-in position. Exception: downward-facing valve.
The system is flushed before commissioning.
Valves DN15-100 have a flow direction from bottom to top (under the cone).
Valves DN125-250 have the opposite flow direction, i.e. from top to bottom.
However, the flow direction is always indicated by an arrow on the valve housing.

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

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