# Gate Valve AT 2429C



# Product information

Flanged shut-off valve for primarily steam, heat, hot water, and petroleum products. Should not be used for regulation.

| | |
|---|---|
| **Dimension range (DN)** | 65 - 600 |
| **PN** | 25 |
| **Temperature (°C)** | -10 - 400 |
| **Main material** | Steel |

## Area of use

For shutdown of primarily:
- steam
- heat and hot water
- petroleum products

Should not be used for regulation.

## Tender text

**PSB.61 Wedge gate valves**
PSB.61 Kilslid Valves
Kilslid valve AT 2429C, DN ..., with full passage, steel body and PN 25 flanges. Rising externally threaded spindle and stored wheel.

## Quality assurance

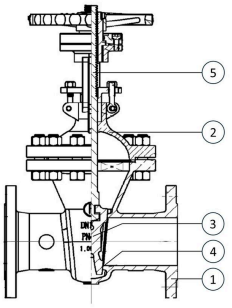
AFS 2023:5, PED 2014/68/EU
**The product is CE marked**
Testing is carried out according to DIN EN 12266.
Certificate EN 10204 3.1, and by most classification societies.
Type of desired certificate is specified when ordering.
**Product marking:** DN, PN, material, brand.

## 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

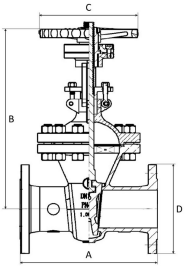
| Pos | Component | Material |
|---|---|---|
| 1 | Body | Steel GP240GH N (1.0619) |
| 2 | Bonnet | Steel GP240GH N (1.0619) |
| 3 | Wedge | Steel GP240GH N (1.0619) |
| 4 | Seat | Steel GP240GH N (1.0619) |
| 5 | Spindle | Martensitic stainless steel (1.4021) |
| Stellite-reinforced sealing between seat and wedge. | | |




## Measurements and weight

**Dimension range (DN):** 65 - 600

| DN | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
|---|---|---|---|---|---|---|---|---|---|
| A | 270 | 280 | 300 | 325 | 350 | 400 | 450 | 500 | 550 |
| B | 430 | 430 | 490 | 570 | 630 | 790 | 940 | 1120 | 1640 |
| C | 250 | 250 | 300 | 300 | 400 | 400 | 450 | 450 | 0 |
| D | 185 | 200 | 235 | 270 | 300 | 360 | 425 | 485 | 555 |
| Net weight (kg) | 35 | 34.5 | 52 | 64 | 90 | 141 | 240 | 300 | 300 |




## Function and design

Full bore. Elastic seat, guided in the valve body. Rising, externally threaded spindle. Non-rising handwheel. Recessed gasket in the valve body. Tightened packing gland when the valve is open.
For the below differential pressure and dimension, the valve should be equipped with a bypass line or gear operator to enable reasonable operation force.
DN350 20bar
DN400 15bar
DN500 8bar
Maximum working pressure and temperature
Max 22bar at 200C°
Max 17bar at 300C°
Max 13bar at 400C°

## Technical data

**Main material:** Steel
**Main material code:** Steel GP240GH N (1.0619)
**Included materials:** Steel, Stainless steel
**Included material code:** Martensitic stainless steel (1.4021), Steel GP240GH N (1.0619)
**Temperature (°C):** -10 - 400
**Temperature notes:** DIN EN 1092 determines the allowable operating pressure in relation to temperature.
Maximum 22 bar at 200°C
Maximum 17 bar at 300°C
Maximum 13 bar at 400°C
**PN:** 25
**Connection:** Flanged EN1092
**ETIM classification:** EC010163 - Gate valve
**BK04 code:** 20708 Gate valves

| DN | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 |
|---|---|---|---|---|---|---|---|---|---|
| KVS | 380 | 589 | 939 | 1554 | 2250 | 4020 | 6340 | 9235 | 12524 |

## Installation and maintenance

**Flowdirection:** Bi-directional
**Possible mounting position:** Vertical
**Possible mounting position notes:** Vertical pipeline: optional position.
Horizontal pipeline: 0 - 60° from the vertical upward-facing spindle.
To avoid leakage in the packing box, one should check the gland's tightness shortly after starting the operation and tighten it if necessary. If needed, the spider bushing should be lubricated.

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

# Get into the flow

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