

# 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.

<b>Dimension range (DN)</b>	65 - 600
<b>PN</b>	25
<b>Temperature (°C)</b>	-10 - 400
<b>Main material</b>	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.

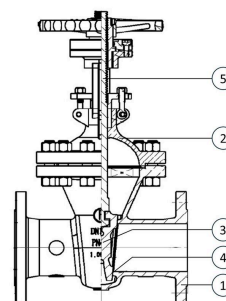
### Energy and environment declaration

**Reach date:** 12/3/2024 1:00:12 PM

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

## List of details

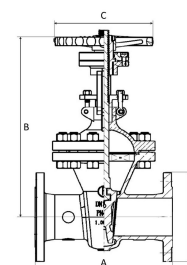
Pos	Component	Material
1	Body	Steel GP240GH N (1.0619)
2	Bonnet	Steel GP240GH N (1.0619)
3	Wedge	Steel GP240GH N (1.0619)
4	Seat	Steel GP240GH N (1.0619)
5	Spindle	Martensitic stainless steel (1.4021)
Stellite-reinforced sealing between seat and wedge.		



## 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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