

# Gate Valve AT 2444C



## 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	40
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 2444C, DN ..., with full passage, steel body and PN 40 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.

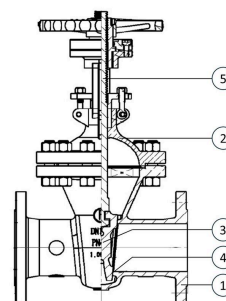
### Energy and environment declaration

**Reach date:** 12/3/2024 1:00:13 PM

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

## List of details

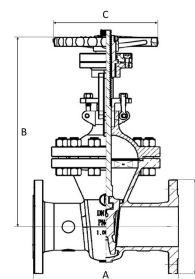
Pos	Component	Material
1	Body	Steel GP240GH N (1.0619)
2	Bonnet	Steel GP240GH N (1.0619)
3	Wedge	Steel GP240GH N (1.0619)
4	Seat	Steel GP240GH N (1.0619)
5	Spindle	Martensitic stainless steel (1.4021)
Stellite-reinforced sealing between seat and wedge.		



## Measurements and weight

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

DN	50	65	80	100	125	150	200	250	300
A	250	290	310	350	400	450	550	650	750
B	325	390	430	490	575	630	800	935	1120
C	200	250	250	300	350	400	400	460	460
D	165	185	200	235	270	300	375	450	515
Net weight (kg)	35	40	52	63	86	124	220	285	530



## Function and design

Full bore valve. 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 a gear operator to be operated with reasonable force.

DN250 35Bar

DN300 28bar

DN350 16bar

DN400 15bar

DN500 8bar

Maximum working pressure and temperature

Max 35bar at 200C°

Max 28bar at 300C°

Max 21bar 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 35 bar at 200°C. Maximum 28 bar at 300°C. Maximum 21 bar at 400°C.

**PN:** 40

**Connection:** Flanged EN1092

**ETIM classification:** EC010163 - Gate valve

**BK04 code:** 20708 Gate valves

DN	50	65	80	100	125	150	200	250	300
KVS	228	380	589	939	1554	2250	4020	6340	9235

## 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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