

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.

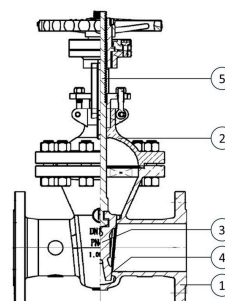
Energy and environment declaration

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

Reach note: The product is not covered by REACH

List of details

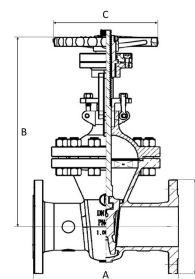
| Pos | Component | Material |
|---|-----------|--------------------------------------|
| 1 | Body | Steel GP240GH N (1.0619) |
| 2 | Bonnet | Steel GP240GH N (1.0619) |
| 3 | Wedge | Steel GP240GH N (1.0619) |
| 4 | Seat | Steel GP240GH N (1.0619) |
| 5 | Spindle | Martensitic stainless steel (1.4021) |
| 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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