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

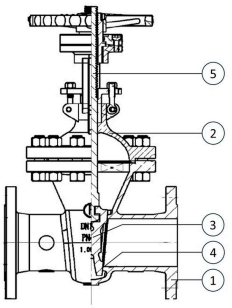
AFS 2023:5, PED 2014/68/EU
The product is CE marked
Testing is carried out according to DIN EN 12266.
Certificate EN 10204 3.1, and by most classification societies.
Type of desired certificate is specified when ordering.
Product marking: DN, PN, material, brand.

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

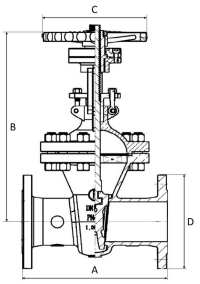
Pos	Component	Material
1	Body	Steel GP240GH N (1.0619)
2	Bonnet	Steel GP240GH N (1.0619)
3	Wedge	Steel GP240GH N (1.0619)
4	Seat	Steel GP240GH N (1.0619)
5	Spindle	Martensitic stainless steel (1.4021)
Stellite-reinforced sealing between seat and wedge.		



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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