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	16
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 2419C, DN ..., with full passage, steel body and PN 16 flanges. Rising externally threaded spindle and stored wheel.

Quality assurance

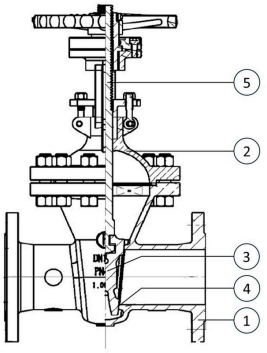
PED 2014/68/EU, AFS 2016:1
The product is CE marked
Testing is carried out according to DIN EN 12266.
Certificate EN 10204 3.1, and by most classification societies.
Type of desired certificate is specified when ordering.
Product marking: DN, PN, material, brand.

Energy and environment declaration

Reach date: 12/3/2024 1:00:11 PM
Reach note: The product is not covered by REACH

List of details

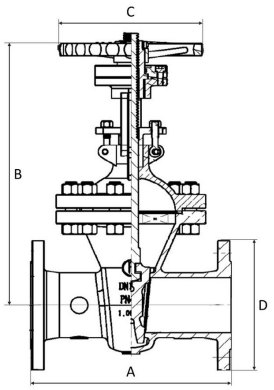
Pos	Component	Material
1	Body	Steel GP240GH N (1.0619)
2	Bonnet	Steel GP240GH N (1.0619)
3	Wedge	Steel GP240GH N (1.0619)
4	Seat	Steel GP240GH N (1.0619)
5	Spindle	Martensitic stainless steel (1.4021)
Stellite-reinforced sealing between seat and wedge.		



Measurements and weight

Dimension range (DN): 65 - 600

DN	A	B	C	D	Net weight (kg)
65	270	425	250	185	32
80	280	430	250	200	35
100	300	480	300	220	46.5
125	325	580	350	250	70.8
150	350	650	400	285	95
200	400	780	400	340	135
250	450	920	450	405	212
300	500	1120	500	460	340
350	550	1450	550	520	395
400	600	1720	0	580	565
500	700	2110	0	715	880
600	800	2450	0	840	1000



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 worm gear to be operated with reasonable force.
DN350 16bar
DN400 15bar
DN500 8bar
Maximum working pressure and temperature
Max 14bar at 200C°
Max 11bar at 300C°
Max 8bar 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 14 bar at 200°C. Maximum 11 bar at 300°C. Maximum 8 bar at 400°C.
PN: 16
Connection: Flanged EN1092
ETIM classification: EC010163 - Gate valve
BK04 code: 20708 Gate valves

DN	65	80	100	125	150	200	250	300	350	400	500	600
KVS	380	589	939	1554	2250	4020	6340	9235	12524	16378	25996	37505

Installation and maintenance

Flowdirection: Bi-directional
Possible mounting position: Horizontal
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.

Please feel free to contact us

We answer your questions by e-mail and telephone. No question is too small, no challenge is too big. You are always welcome at Armatec.

info@armatec.se | +46 31 89 01 00 | www.armatec.se

THE COMPANY'S MANAGEMENT SYSTEM
IS CERTIFIED BY DNV
ISO 9001 • ISO 14001