Globe valve AT 1040C



Product information

Steel cone valve with flanges, PN 40. With rising, externally threaded spindle. Flat sealing surfaces. The packing box is pressure-relieved with the cone in the fully open position. Valves from DN 125 have a pressure-relieved cone as standard, which also means that the flow direction is from the opposite direction, i.e. from top to bottom. Used as a shut-off valve for steam, condensate, and hot water.

Dimension range (DN)	15 - 250
PN	40
Temperature (°C)	-10 - 400
Main material	Steel

Area of use

As shut-off valve for:
- steam
- hot water
- condensate

Tender text

PSB.5 Ball valves and needle valves
Cone valve AT 1040C..., DN.., flanged connection. Housing made of steel and bellows made of stainless acid-resistant steel.

Quality assurance

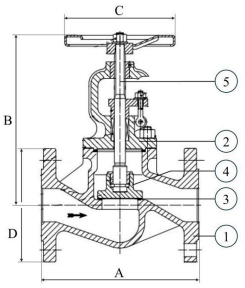
AFS 2023:5, PED 2014/68/EU
The product is CE marked
Product marking: Manufacturer, DN, PN, material, and arrow indicating flow direction.

Energy and environment declaration

Subject to notification under REACH: No
Reach date: 12/06/2026
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	Seat	Steel GP240GH N (1.0619)
4	Globe	Steel GP240GH N (1.0619)
5	Spindle	Martensitic stainless steel (1.4021)
Stellite-reinforced sealing between seat and globe.		



Measurements and weight

Dimension range (DN): 15 - 250

N	15	20	25	32	40	50	65	80	100	125	150	200	250
	130	150	160	180	200	230	290	310	350	400	480	600	730
	185	185	220	220	235	255	300	335	370	390	400	495	660
	140	140	160	160	180	180	225	250	300	350	400	500	500
	95	105	115	140	150	165	185	200	235	270	300	375	450
et eight g)	4	5.5	6.5	8	11	13.5	19	28	41.5	62	92	148	298

Function and design

Rising, externally threaded spindle. Flat sealing surfaces.
The packing box is pressure relieved with the cone in fully open position.
Maximum working pressure and temperature:
35 bar at 200°C
28 bar at 300°C
21 bar at 400°C.

Technical data

Main material: Steel
Main material code: Steel GP240GH N (1.0619)
Included materials: Stainless steel, Steel

Included material code: 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: EC010120 - Globe valve
BK04 code: 20707 Mushroom valves
Comment to colour: Blue

DN	15	20	25	32	40	50	65	80	100	125	150	200	250
KVS	4.8	7.3	9.6	17.8	27.3	40.1	70.1	111	172	264	374	701	1035

Installation and maintenance

Possible mounting position: Vertical, Horizontal
Can be installed in any built-in position. Exception: downward-facing valve.
The system is flushed before commissioning.
Valves DN15-100 have a flow direction from bottom to top (under the cone).
Valves DN125-250 have the opposite flow direction, i.e. from top to bottom.
However, the flow direction is always indicated by an arrow on the valve housing.

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

Get into the flow

Get into the flow with Armatec.

armatec

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