



## Product information

Steel angled seat cone valve with welded ends, PN 40. Equipped with a bellows that prevents the medium from coming into contact with the packing box. Maintenance-free, external spindle thread, indicator device that marks the open/closed position, non-rising handwheel. Used as a shut-off valve for steam, condensate, hot water, hot oil, as well as hazardous and environmentally harmful media.

Dimension range (DN)	15 - 250
PN	40
Temperature (°C)	-60 - 450
Main material	Steel



### Area of use

As a shut-off valve for:

- steam
- condensate
- hot water
- hot oil
- hazardous and environmentally harmful media

# Tender text

**PSB.5 Ball valves and needle valves** PSB.5 Cone Valve Cone valve AT 1056A..., DN.., PN40, welded connection. Housing made of steel.

### Quality assurance

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

## Energy and environment declaration

Reach date: 12/3/2024 1:00:03 PM Reach note: The product is not covered by REACH

Pos	Component	Material
1	Body	Steel GP240GH N (1.0619)
2	Seat	Martensitic stainless steel (1.4021)
3	Globe	Martensitic stainless steel (1.4021)
4	Bellows seal	Acid resistant stainless steel AISI 316Ti (1.4571)
5	Spindle	Martensitic stainless steel (1.4021)

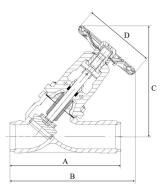


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# Measurements and weight

Dimension range (DN): 15 - 250

DN	А	В	С	D	Net weight (kg)
15	130	215	195	125	2.8
20	150	215	195	125	3
25	160	225	205	125	3.4
32	180	230	205	125	3.6
40	200	260	235	150	4.5
50	230	265	235	150	7.3
65	290	300	265	175	9
80	310	355	295	225	11.4
100	350	440	380	300	30
125	400	460	415	300	42
150	480	530	480	400	62
200	600	710	615	520	144



# Function and design



The bellows (4) prevent the medium from coming into contact with the packing box. This means that the risk of packing box leakage is eliminated.

- Maintenance-free
- Internal spindle threading
- Conical sealing surfaces
- Rising handwheel

#### Technical data

Main material: Steel Main material code: Steel GP240GH N (1.0619) Included materials: Stainless steel, Steel Included material code: Martensitic stainless steel (1.4021), Acid resistant stainless steel AISI 316Ti (1.4571), Steel GP240GH N (1.0619) Temperature (°C): -60 - 450 PN: 40 Connection: EN12627, butt weld ends ETIM classification: EC010120 - Globe valve

DN	15	20	25	32	40	50	65	80	100	125	150	200
KVS	6.4	9.5	14.5	19.5	36	54	92	127	205	324	485	810

### Installation and maintenance

**Flowdirection:** Uni-directional **Possible mounting position:** Vertical, Horizontal Welding fittings according to DIN EN 12627-4. The valve must be closed during welding. Can be installed in any built-in position. Exception: Downward-facing lever. The system is flushed before commissioning.



# 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.

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