



Product information

Steel cone valve, PN 40, with flanges. Suitable for mainly steam, condensate, hot oil, hot water, and petroleum products. The check valve is not suitable for pulsating flows.

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

## Area of use

Check valve for non-aggressive liquids, gas and steam. The check valve is not suitable for pulsating flows.

## Tender text

### **PSE.31 Check valves in liquid systems**

Cone back valve AT 1140C... DN.., PN40, flanged connection. Housing made of steel.

## Quality assurance

AFS 2023:5

### **The product is CE marked**

The valve meets the requirements of AFS 2016:1 (the directive for pressure-bearing devices) and 2014/68/EU (Pressure Equipment Directive), according to category III, fluid group 1 and 2.

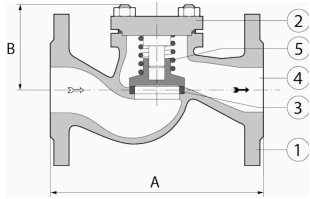
Testing is done according to SS-ISO 5208, leakage class 1 applies to the valve.

Material certificate 3.1 can be provided.

## Energy and environment declaration

**Reach date:** 4/22/2025 2:00:00 PM

| Pos | Component | Material |
|-----|-----------|----------|
|-----|-----------|----------|



### Measurements and weight

**Dimension range (DN):** 15 - 250

| DN            | 15  | 20  | 25  | 32  | 40  | 50   | 65   | 80   | 100  | 125 | 150 |
|---------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|
| A             | 130 | 150 | 160 | 180 | 200 | 230  | 290  | 310  | 350  | 400 | 480 |
| B             | 90  | 75  | 90  | 85  | 95  | 105  | 105  | 135  | 180  | 210 | 220 |
| ItemNetWeight | 3   | 3.7 | 4.6 | 6.1 | 7.8 | 10.6 | 15.9 | 22.5 | 36.6 | 63  | 98  |

### Function and design

Cone-back valve with streamlined flow passage. The cone is spring-loaded.

### Technical data

**Main material:** Steel  
**Main material code:** Steel GP240GH N (1.0619)  
**Included materials:** Steel  
**Included material code:** Steel GP240GH N (1.0619)  
**Temperature (°C):** -10 - 400  
**PN:** 40  
**Connection:** Flanged EN1092  
**ETIM classification:** EC011469 - Check valve  
**BK04 code:** 20711 Non-return valves

| DN  | 15  | 20  | 25   | 32   | 40   | 50 | 65   | 80  | 100 | 125 | 150 |
|-----|-----|-----|------|------|------|----|------|-----|-----|-----|-----|
| KVS | 5.6 | 7.7 | 11.8 | 17.6 | 27.5 | 48 | 77.4 | 108 | 169 | 252 | 388 |

### Installation and maintenance

**Flowdirection:** Uni-directional  
**Possible mounting position:** Vertical, Horizontal  
 Flanges according to EN 1092-1 PN40. The system shall be 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.

[info@armatec.se](mailto:info@armatec.se) | +46 31 89 01 00 | [www.armatec.se](http://www.armatec.se)

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