



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.

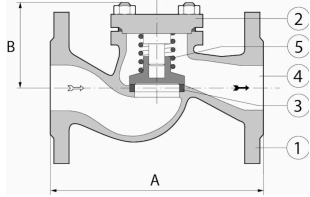
Testing is done according to SS-ISO 5208, leakage class 1 applies to the valve.

Material certificate 3.1 can be provided.

## Energy and environment declaration

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

Pos	Component	Material
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### 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 | +46 31 89 01 00 | [www.armatec.se](http://www.armatec.se)

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