



Product information

Complete control equipment for backflow prevention device type BA.

|                  |         |
|------------------|---------|
| PN               | 0 - 14  |
| Temperature (°C) | 0 - 65  |
| Main material    | Plastic |



## Area of use

The control instrument is used for inspection and maintenance of backflow preventer type BA. It is not allowed to use individual components (such as only the differential pressure gauge) for inspection and maintenance.

## Tender text

In accordance with SS-EN 1717, backflow prevention devices must be checked annually (depending on local operating conditions). Please refer to the instructions for the backflow prevention device. Maintenance of the backflow prevention device must be carried out by authorized personnel. The annual inspection is documented by the inspector signing the control tag of the protective device and filling in the annual inspection report. When the protective device is approved, the inspection report for the respective backflow prevention device is sent to the water supplier. If the inspection is not approved, the backflow prevention device must undergo service and a new inspection must be carried out.

## Quality assurance

Fluid category 4, SS-EN 1717  
CE-marked.

**Product marking:** Information about the year of manufacture, manufacturing number, model, electrical data, IP rating, as well as pressure/flow, are specified on the unit's nameplate. CE marked.

## Energy and environment declaration

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**Reach date:** 6/14/2023 12:00:00 AM

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

Function and design

The control instrument is used for inspection and maintenance of backflow preventer type BA. The unit consists of a differential pressure gauge, needle valves, vent valves, and various hoses.

The differential pressure gauge compares the differential pressure between two chambers in the backflow preventer. The pressure between the chambers is converted and controlled by the needle valves. During the measurement procedure, the needle valves maintain a constant pressure between the two chambers. The integrated filters protect the differential pressure gauge from dirt particles.

Technical data

**Main material:** Plastic  
**Included materials:** Plastic  
**Temperature (°C):** 0 - 65  
**PN:** 0 - 14

Installation and maintenance

See product sheet.

Backflow Preventer BA300, from 2011 onwards

| Overview | Description                      | Dimension    | Part No. |
|----------|----------------------------------|--------------|----------|
|          | <b>1 Inlet check valve</b>       |              |          |
|          | AT 1167B65B1                     | DN65         | 0904052  |
|          | AT 1167B80B1                     | DN80         | 0904053  |
|          | AT 1167B100B1                    | DN100        | 0904054  |
|          | AT1167B150ICV                    | DN150        | 0904055  |
|          | <b>2 Outlet check valve</b>      |              |          |
|          | AT 1167B65B2                     | DN65         | 0904057  |
|          | AT 1167B80B2                     | DN80         | 0904058  |
|          | AT 1167B100B2                    | DN100        | 0904059  |
|          | AT 1167B150OCV                   | DN150        | 0904060  |
|          | AT 1167B200OCV                   | DN200        | 0904061  |
|          | <b>3 Discharge valve</b>         |              |          |
|          | AT 1167B65-200DV                 | DN65 - DN200 | 0904062  |
|          | <b>4 Pressure control line</b>   |              |          |
|          | AT 1167B65TS                     | DN65         | 0904063  |
|          | AT 1167B80TS                     | DN80         | 0904064  |
|          |                                  | DN80*        | 0904073  |
|          | AT1167B100TS                     | DN100        | 0904065  |
|          | AT 1167B150PCL                   | DN150        | 0904066  |
|          | AT 1167B200PCL                   | DN200        | 0904067  |
|          | <b>5 Sealing set</b>             |              |          |
|          | AT 1167B65PS                     | DN65         | 0904068  |
|          | AT 1167B80PS                     | DN80         | 0904069  |
|          | AT 1167B100PS                    | DN100        | 0904070  |
|          | AT 1167B150SS                    | DN150        | 0904071  |
|          | AT 1167B200SS                    | DN200        | 0904072  |
|          | <b>6 Retaining Clip and Ring</b> |              |          |
|          |                                  | DN65         | 0904192  |
|          |                                  | DN80         | 0904193  |
|          |                                  | DN100        | 0904194  |
|          |                                  | DN150        | 0904195  |
|          |                                  | DN200        | 0904196  |



### 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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