



## Pressure-relief valve with media separation

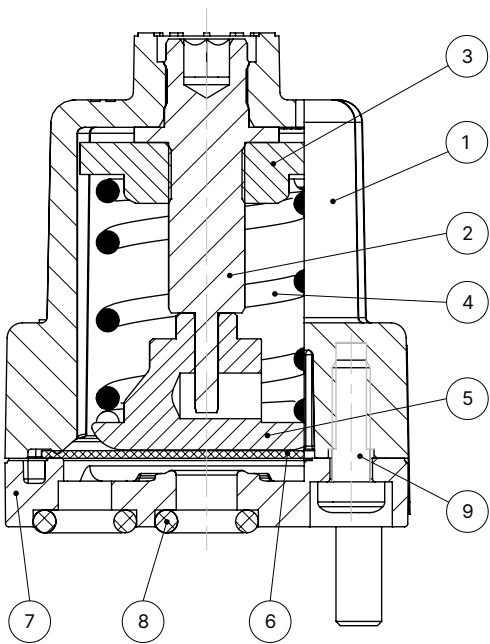
- Media-separated
- Return of overpressure to the system rather than to the environment
- Compact design with flange
- Adjustable operating point
- Suitable for numerous applications

Product variants described in the data sheet may differ from the product presentation and description.

### Type description

Type 5550 is a media-separated pressure-relief valve suitable for various tasks, including overpressure control or back pressure damping, for use in laboratory and medical applications. The set-point value can be adjusted for when a high level of flexibility is required. These types of application often require the use of aggressive or sensitive media. Among other things, the Type 5550 valve is offered in a wide range of different materials which means it can be optimally adapted to the application in question. One major advantage of the valve is that overpressure is returned to the system rather than being released into the environment. Type 5550 is easy to integrate, as the flange interface allows for compact installation in plant or in a distribution system.

4.2. Material specifications



| No. | Element                  | Material                    |
|-----|--------------------------|-----------------------------|
| 1   | Cover                    | PBT                         |
| 2   | Spindle                  | Stainless steel             |
| 3   | Guide plate for spring   | Stainless steel             |
| 4   | Spring                   | Stainless steel             |
| 5   | Support plate for spring | PTFE                        |
| 6   | Diaphragm                | EPDM, FFKM (FKM on request) |
| 7   | Valve body               | PPS or PEEK                 |
| 8   | Seal                     | EPDM, FFKM (FKM on request) |
| 9   | EJOT DELTA-PT screw      | Steel                       |

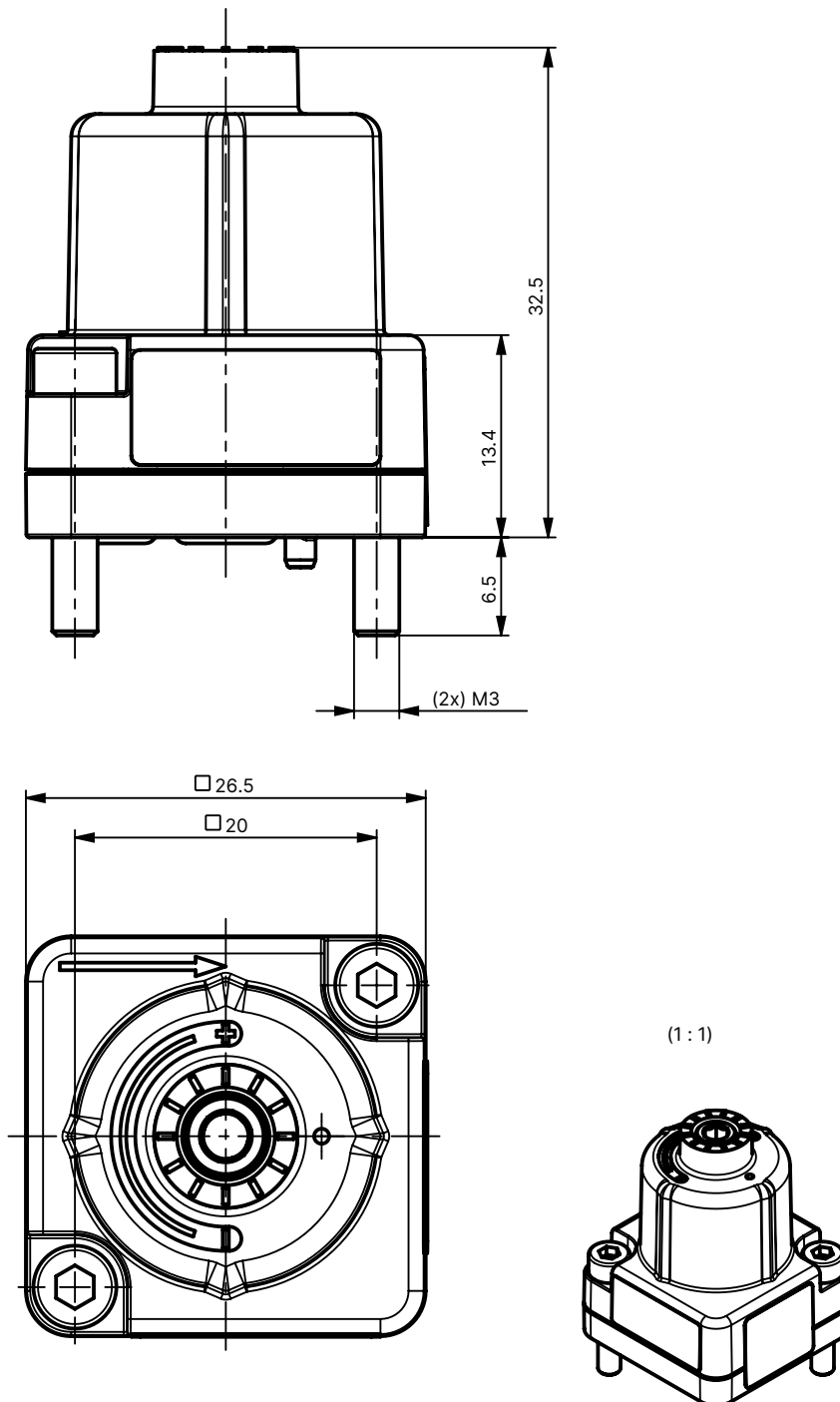
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## 5. Dimensions

### 5.1. Flange variant

**Note:**

Dimensions in mm



## 5.2. Flange contour

**Note:**

Dimensions in mm

