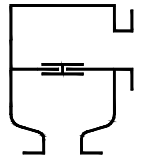




## Type sheet

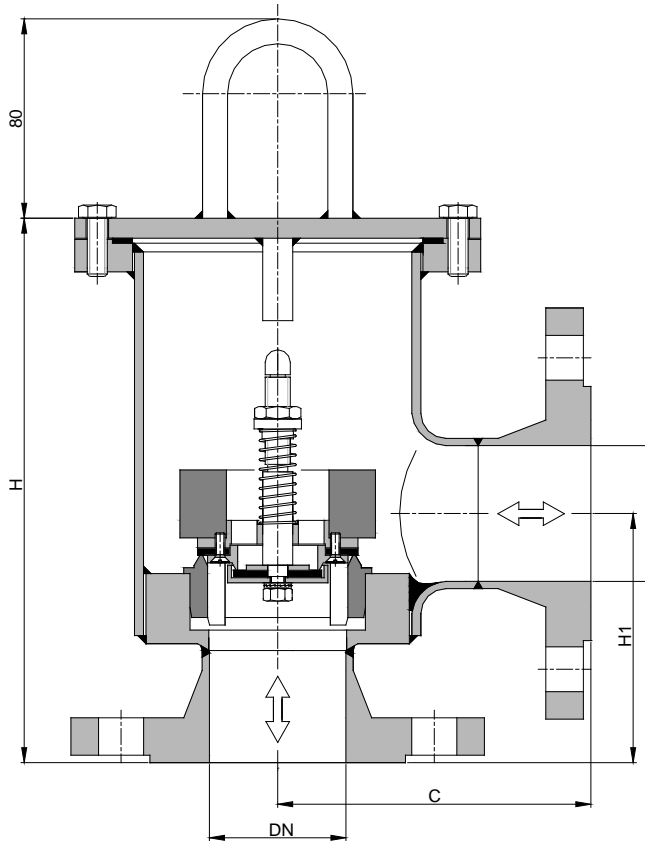
### In-line pressure and vacuum relief valve KITO® VD/Sc2-...



#### Application

As inline armature, with venting and breathing valve function for tanks and for installation in pipe, for example also for connection to an air drying apparatus. Same function as KITO® VD/TG-..., see type sheet F 31 N.

#### Dimensions (mm) and settings (mbar)



*Installation dimensions are only partly identical to the old construction according to type sheet F63 page 1. Construction length C and H1 can be adapted to customers wish to local situation.*

| DN        |      | C   |      | H   |      | H1  |      | kg | setting     |             |               |               |
|-----------|------|-----|------|-----|------|-----|------|----|-------------|-------------|---------------|---------------|
| DIN       | ASME | DIN | ASME | DIN | ASME | DIN | ASME |    | vacuum min. | vacuum max. | pressure min. | pressure max. |
| 50 PN 16  | 2"   | 125 | 144  | 220 | 239  | 100 | 119  |    | 3           | 50          | 10            | 155           |
| 80 PN 16  | 3"   | 161 | 181  | 260 | 280  | 121 | 141  |    | 3           | 50          | 10            | 102           |
| 100 PN 16 | 4"   | 175 | 199  | 301 | 325  | 140 | 164  |    | 3           | 50          | 10            | 102           |
| 125 PN 16 | 5"   | 217 | 251  | 354 | 388  | 158 | 192  |    | 3           | 50          | 12            |               |
| 150 PN 16 | 6"   | 247 | 281  | 324 | 358  | 190 | 224  |    | 3           | 50          | 13            |               |
| 200 PN 10 | 8"   | 275 | 315  | 390 | 430  | 225 | 265  |    | 3           | 50          | 13            | 95            |

*Indicated weights are understood without weight load and refer to the standard design*

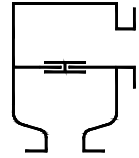
*Higher settings on request!*

#### Example for order

**KITO® VD/Sc2-50**  
(design with flange connection DN 50 PN 16)

**Without EC certificate and €-marking**

**Type sheet**

 In-line pressure and vacuum relief valve  
**KITO® VD/Sc2-...**

**Design**

|                           | standard   | optionally                       |
|---------------------------|--|----------------------------------|
| housing / cover           | steel  | stainless steel mat. no. 1.4571  |
| gasket                    | HD 3822  | PTFE                             |
| valve seat, valve spindle | stainless steel mat. no. 1.4571  |                                  |
| load weight               | stainless steel mat. no. 1.4571  |                                  |
| valve sealing             | NBR  | Viton, PTFE, EPDM, metal sealing |
|                           | <i>≥ 100 mbar only PTFE or metal sealing (valve pallet for pressure)</i> |                                  |
| valve pallet (vacuum)     | spring loaded  |                                  |
| valve pallet (pressure)   | weight loaded  |                                  |
| flange connection         | EN 1092-1 type B1  | ASME B16.5 Class 150 RF          |