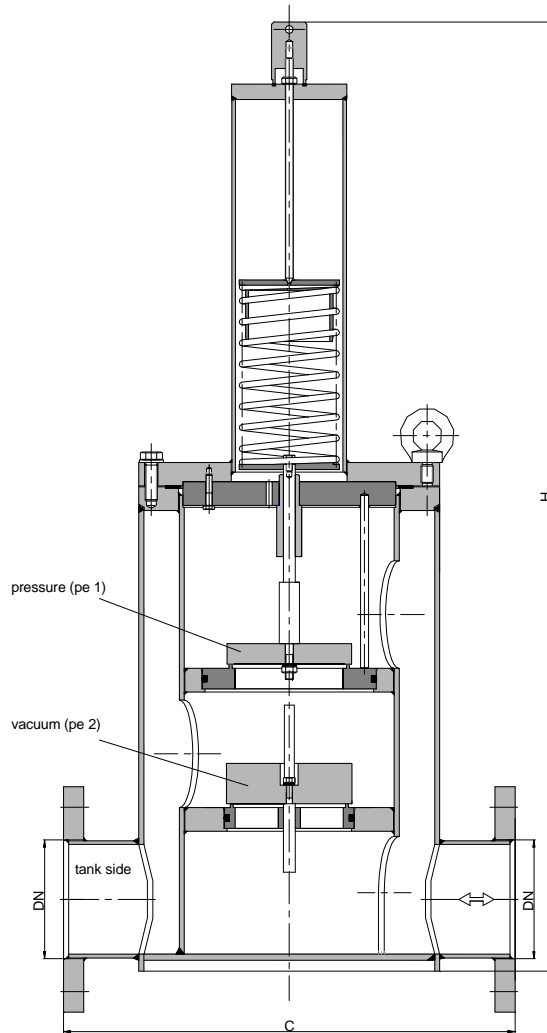
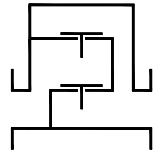


# Tank Venting Valve KITO® VD/TG-1



**Without EC certificate and  
CE -designation**

**Construction length C can be adapted to  
customers wish to local situation.**

| DN        | ANSI | C   | H   | kg  | setting* (mbar) |      |      |      |
|-----------|------|-----|-----|-----|-----------------|------|------|------|
|           |      |     |     |     | pe1             |      | pe2  |      |
|           |      |     |     |     | min.            | max. | min. | max. |
| 25 PN 40  | 1"   | 240 | 492 | 200 | 350             | 5    | 93   |      |
| 32 PN 40  | 1 ¼" | 240 | 492 |     |                 | 5    | 91   |      |
| 40 PN 40  | 1 ½" | 350 | 601 |     |                 | 6    | 158  |      |
| 50 PN 16  | 2"   | 350 | 601 |     |                 | 6    | 154  |      |
| 65 PN 16  | 2 ½" | 350 | 805 |     |                 | 7    | 105  |      |
| 80 PN 16  | 3"   | 350 | 860 |     |                 | 7    | 120  |      |
| 100 PN 16 | 4"   | 450 | 926 |     |                 | 7    | 140  |      |
| 125 PN 16 | 5"   | 500 |     | 150 | 7               | 140  |      |      |
| 150 PN 16 | 6"   | 550 |     |     | 8               | 155  |      |      |

Dimensions in mm

\* minor settings see type sheet F 31 N, higher settings on request.

Design subject to change

performance curves: F 0.31.1 N

### Standard design

|                         |   |
|-------------------------|---|
| housing / cover         | : steel, stainless steel 1.4571             |
| valve pallet (pressure) | : spring loaded                             |
| valve pallet (vacuum)   | : weight loaded                             |
| valve seat and spindle  | : stainless steel 1.4571                    |
| valve sealing           | : metal sealing                             |
| parts spring loading    | : stainless steel mat. no. 1.4571           |
| compression spring      | : stainless steel mat. no. 1.4310           |
| gasket                  | : HD 3822, PTFE                             |
| flange connection       | : DIN EN 1092-1 form A,<br>ANSI 150 lbs. RF |

### Application

as inline armature with venting and breather valve function for vessels.  
Preferably used for installation in pipes.