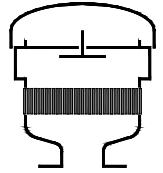




## Type sheet

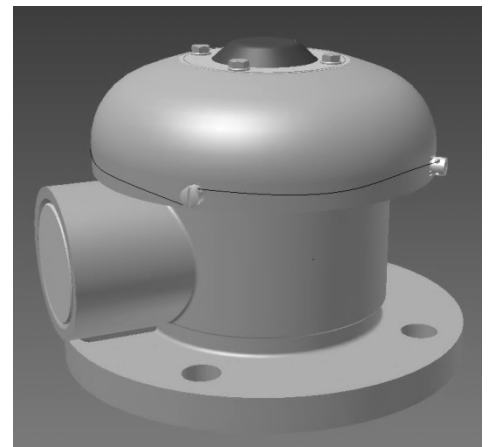
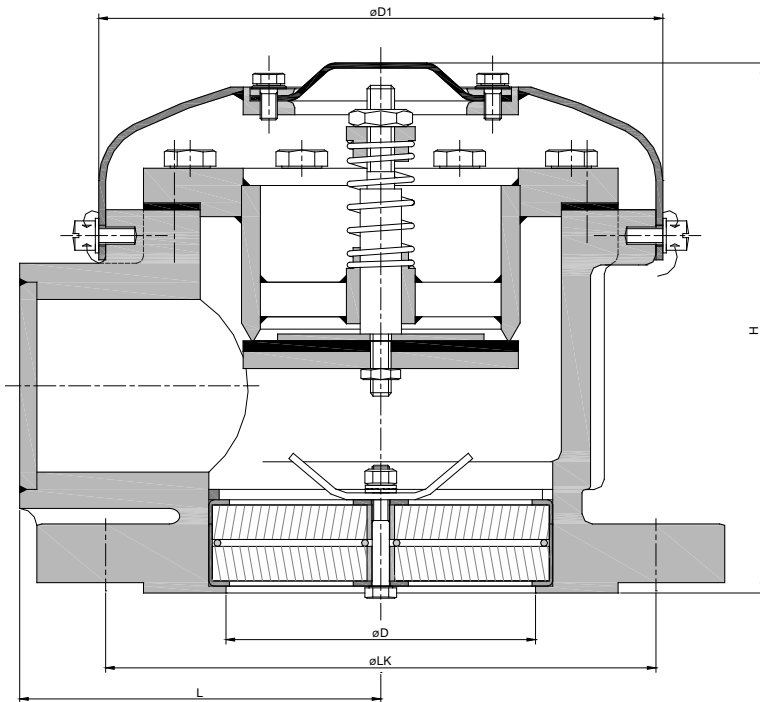
Deflagration proof vacuum relief valve  
KITO® KVG



### Application

Explosion proof end-of-line vacuum relief valve to prevent inadmissible vacuum. Approved for flammable liquids and gases of explosion group IIA with a maximum experimental safe gap (MESG) > 0.9 mm. An operating temperature of 60 °C must not be exceeded. Low height of construction, for portable tanks, preferably for rail tank cars and tank containers. Equipped with a function control equipment for the valve pallet. Upon request available without KITO® flame arrester element.

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



| D  | D1  | H   | L   | LK                   | setting | kg  |
|----|-----|-----|-----|----------------------|---------|-----|
| 90 | 164 | 158 | 105 | 160<br>(4 holes ø18) | 10 - 40 | 9,3 |

Weight refers to the standard design

Different settings on request

### Example for order

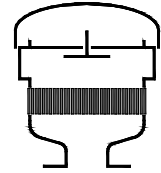
#### KITO® KV/G

(Design with flange connection, drilled to DN 80 PN 16 type B1)

**Without EC certificate and CE-marking**

## Type sheet

Deflagration proof vacuum relief valve  
**KITO® K/VG**



### Design

|                              | standard                                  | optionally                      |
|------------------------------|-------------------------------------------|---------------------------------|
| housing                      | cast steel mat. no. 1.5638                | stainless steel mat. no. 1.4408 |
| gasket                       | HD 3822                                   | PTFE, Gylon                     |
| valve seat / valve spindle   | stainless steel mat. no. 1.4571           |                                 |
| valve pallet                 | stainless steel mat. no. 1.4571           |                                 |
| valve sealing                | Viton                                     |                                 |
| compression spring           | stainless steel mat. no. 1.4310           |                                 |
| KITO®-flame arrester element | interchangeable                           |                                 |
| KITO®-casing                 | stainless steel mat. no. 1.4301           | stainless steel mat. no. 1.4571 |
| KITO®-grid                   | stainless steel mat. no. 1.4310           | stainless steel mat. no. 1.4571 |
| weather hood                 | stainless steel mat. no. 1.0333           | stainless steel mat. no. 1.4301 |
| membrane                     | NBR                                       |                                 |
| setting                      | sealed                                    |                                 |
| flange connection            | drilled to EN 1092-1 type B1<br>(4 holes) |                                 |

### Performance curves

- 1 =  $p_e$  10 mbar
- 2 =  $p_e$  12 mbar
- 3 =  $p_e$  20 mbar
- 4 =  $p_e$  30 mbar
- 5 =  $p_e$  40 mbar

