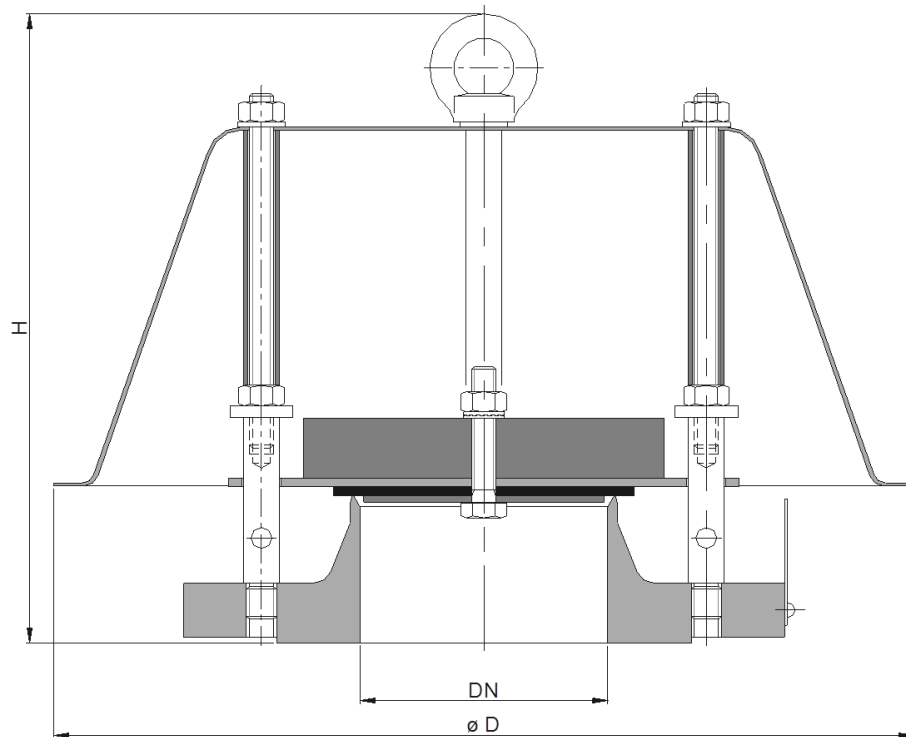
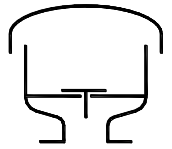
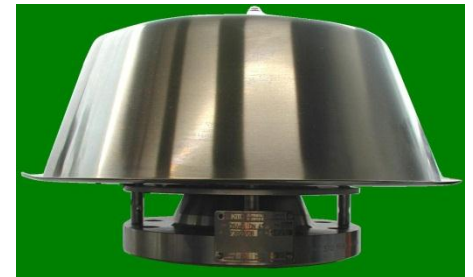


**Pressure Relief Valve**  
**KITO® DS/oP**



*Without EC certificate and C E -designation*



DN	ANSI	D	H	setting (mbar)		kg*
				min.	max.	
50 PN 16	2"	280	175	2.7	300	3.5
80 PN 16	3"	280	210	2.1	150	5
100 PN 16	4"	400	230	1.9	210	8
125 PN 16	5"	400	230	2.1	150	9
150 PN 16	6"	400	230	2.1	118	11
200 PN 10	8"	550	230	2.1	90	22
250 PN 10	10"	550	235	2.3	75	26

Dimensions in mm

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

standard valve setting 7-30 mbar (DN 50 10-30 mbar) -different settings against additional price-

Design subject to change

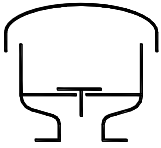
performance curves: C 0.8.4 N

Standard design

housing : stainless steel mat. no. 1.4571  
 valve sealing : NBR, Viton, PTFE  
 valve pallet : steel, stainless steel mat. no. 1.4571  
 weather hood : stainless steel mat. No. 1.4301, 1.4571  
 flange connection : DIN EN 1092-1 form B1,  
 ANSI 150 lbs RF

Application

As PRV/venting device to prevent dangerous excess pressures that may be attained in storage containers and silos in which granulate and powder products are stored.  
 All moving parts are outside the storage room.

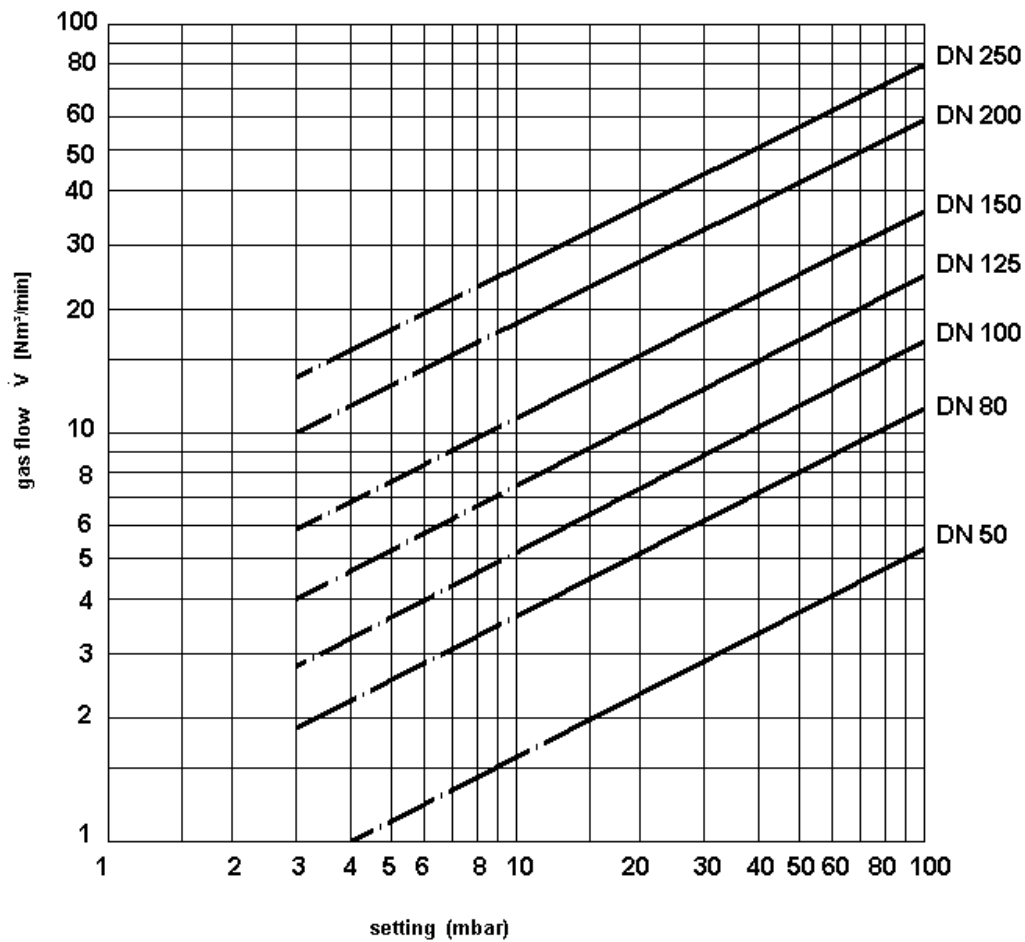


**Pressure Relief Valve**  
**KITO® DS/oP**  
**C 8.4 N**

Flow capacity  $V$  based on air of a density  $\rho = 1.29 \text{ kg/m}^3$  at  $T = 273 \text{ K}$  and atmospheric pressure  $p = 1.013 \text{ mbar}$ . For other gases the flow can be approximately calculated by

$$\dot{V} = \dot{V}_b \cdot \sqrt{\frac{\rho_b}{1.29}} \quad \text{or} \quad \dot{V}_b = \dot{V} \cdot \sqrt{\frac{1.29}{\rho_b}}$$

Air flow capacity at 40% above valve setting. If different accumulations are required see page A 31 for correcting factor. Curves indicated by  $\text{---}\cdot\text{---}\cdot\text{---}$  require special weight loads.



Design subject to change