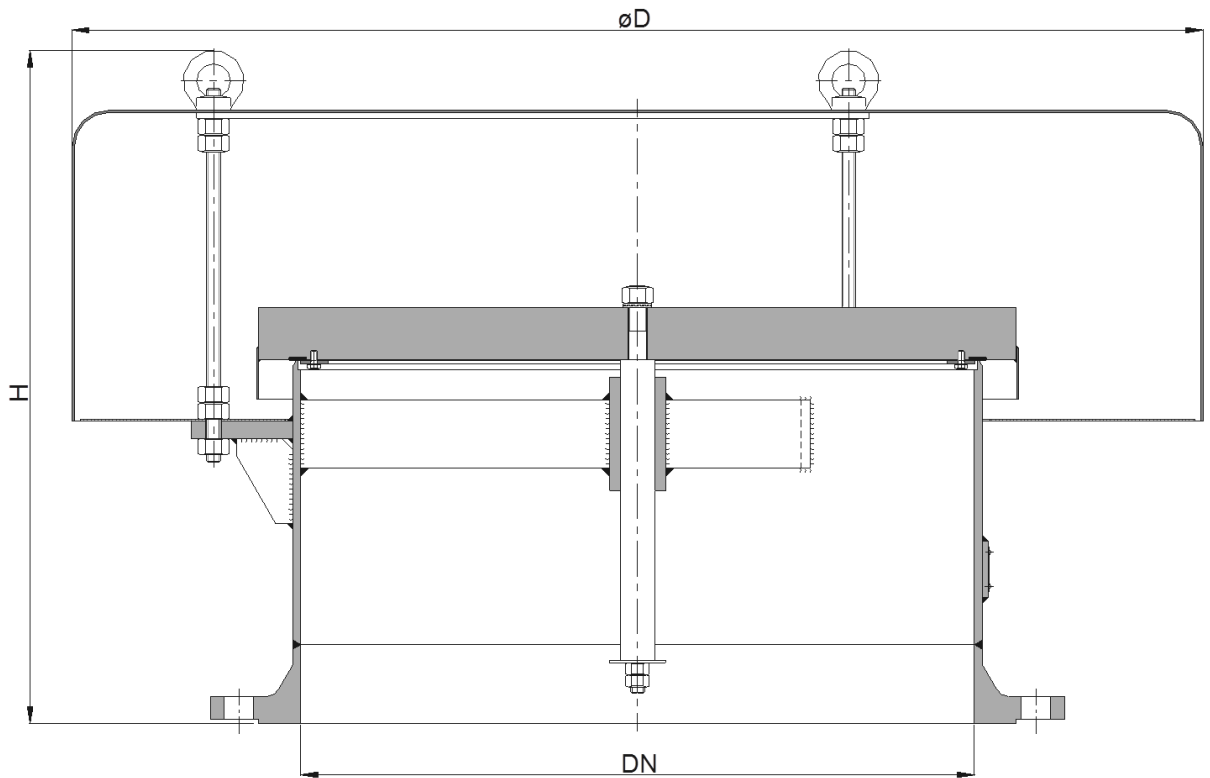
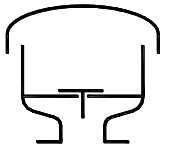


Pressure Relief Valve
KITO® DS/o



DN		D	H	setting (mbar)	kg*
DIN	ANSI				
300	12"	600	430	15 - 70	66 (121)
350	14"	650	460	15 - 70	74 (141)
400	16"	750	500	15 - 70	85 (173)
500	20"	950	560	20 - 60	96 (216)
600	24"	1000	605	20 - 50	134 (275)
700	28"	1300	710		195

Dimensions in mm

- different settings against additional price -

* Indicated weights are for the standard version without weight load
 (the weights in brackets are with a maximum load weight)

Without EC certificate and CE -designation



Special design per request available

Design subject to change

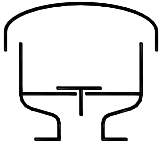
performance curves: C 0.8.2 N

Standard design

- housing : steel, stainless steel mat. no.1.4571
- weather hood : steel, stainless steel mat. no.1.4301
- valve seat / spindle : stainless steel mat. no.1.4571
- valve sealing : NBR, PTFE, Viton
- protective screen : stainless steel mat. no.1.4301, 1.4571
- flange connection : DIN EN 1092-1 PN 10 form B1,
ANSI 150 lbs. RF

Application

As venting device for installation on storage tanks with a PRV to protect against hazardous excess pressure but minimize the loss of gas/vapours.
 This device does not protect against the hazard of explosion or stabilized burning.

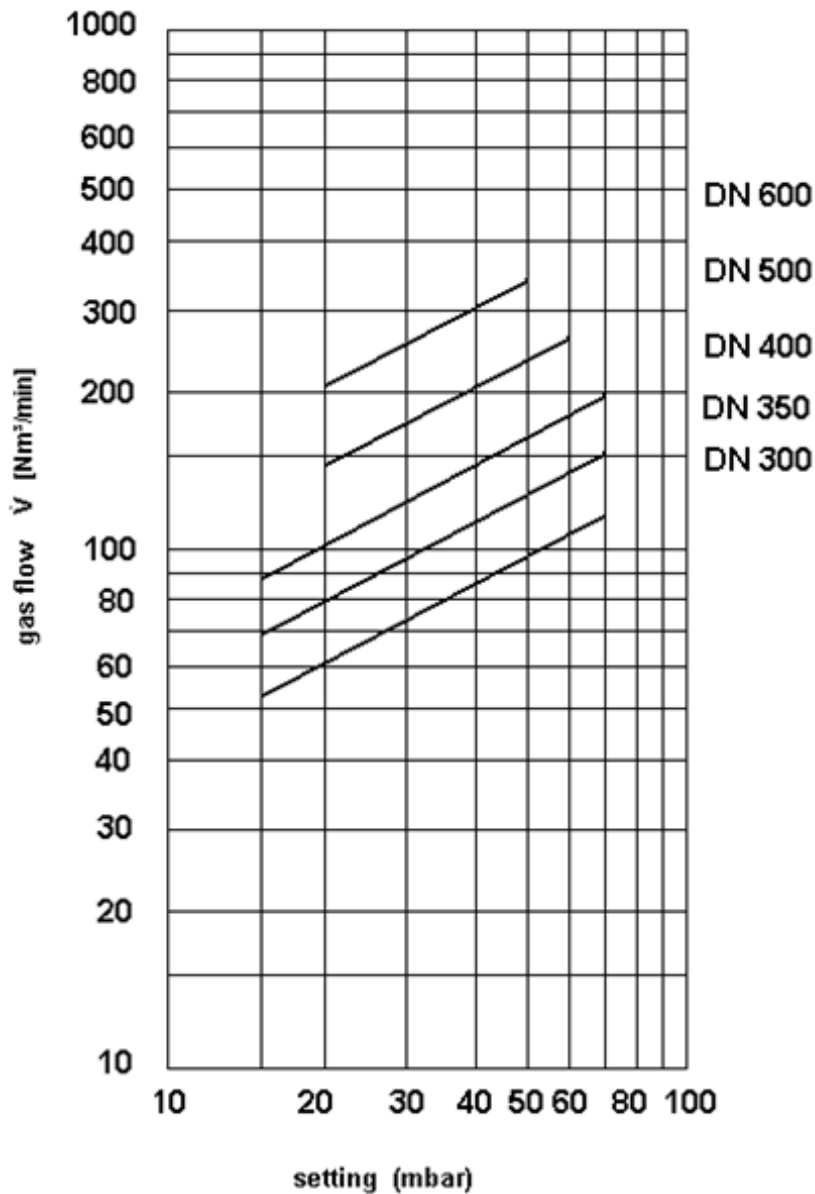


Pressure Relief Valve
KITO® DS/o
C 8.2 N

Flow capacity \dot{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.



Design subject to change