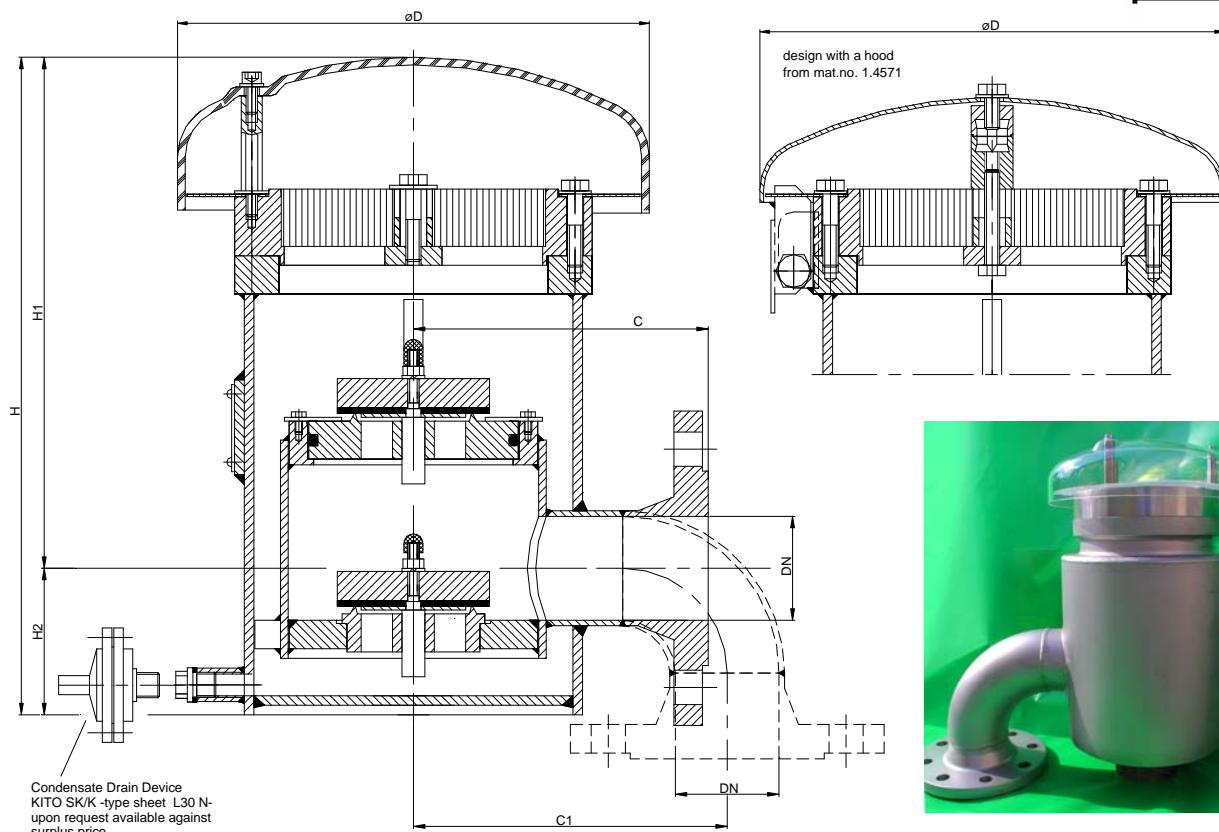
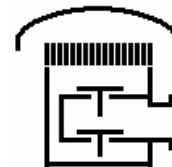


Combined Vacuum/Pressure Relief Valve KITO VD/KL



Condensate Drain Device
KITO SK/K -type sheet L30 N-
upon request available against
surplus price

DN	ANSI	D	H	H1	H2	C	C1	kg	setting mbar					
									vacuum			pressure		
									pallet	min.*	max.**	pallet	min.*	max.**
50	2"	248	345	268	77	155	186	22	DN 50	2.0	115	DN 25	2.9	250
												DN 50	2.0	147
80	3"	248	400	295	105	180	252	30	DN 80	1.7	92	DN 50	2.3	210
												DN 80	1.8	73
100	4"	248	478	354	124	190	310	47	DN 100	1.6	110	DN 50	2.5	194
												DN 80	1.9	100
												DN 100	1.6	62

dimensions in mm

Indicated weights are understood without weight loadings and refer to the standard design.

standard valve setting 7-30 mbar (pressure)
-different settings against additional price-

EC type approval
ATEX 100 a and EN 12874

* material : PE / stainless steel mat. no 1.4571 (to 7 mbar)

** material : steel or stainless steel mat. no.1.4571

CE -designation available

Design subject to change

performance curves : E 0.14 N

Standard design

- housing : steel, stainless steel mat. no. 1.4571
- valve seats and spindles: stainless steel mat. no. 1.4571
- valve sealings : NBR, Viton, PTFE
- flame arrester element : single grid with straight corrugation gap with 0.5 mm (interchangeable)
- casing : stainless cast steel mat. no. 1.4308 / 1.4408
- grid : stainless steel mat. no. 1.4310 / 1.4571
- weather hood : PMMA, stainless steel mat. no. 1.4571 (hood can fold automatically as a result of folding mechanism and fusing element)
- protective screen : PA6
- flange connection : DIN 2632 (DN 100 DIN 2576) PN 10 (DIN EN 1092-1), ANSI 150 lbs. RF (lateral or vertical)

Application

As end-of-line armature, for venting apertures on tank installations, valve is explosion-proof and endurance-burning proof for certain inflammable liquids. Used mainly as venting and breather device for fixed roof tanks to prevent inadmissible pressure and vacuum and to minimize unwelcome gas losses and inadmissible emissions. Approved for all materials of the explosion group IIA with a maximum experimental safe gap (MESG) > 0.9.

The housing is mounted perpendicularly on a tank roof. If required by the customer, the valve is equipped with an explosion-proof condensate drain device and a lifting lever for the lower valve disk in order to control the function.