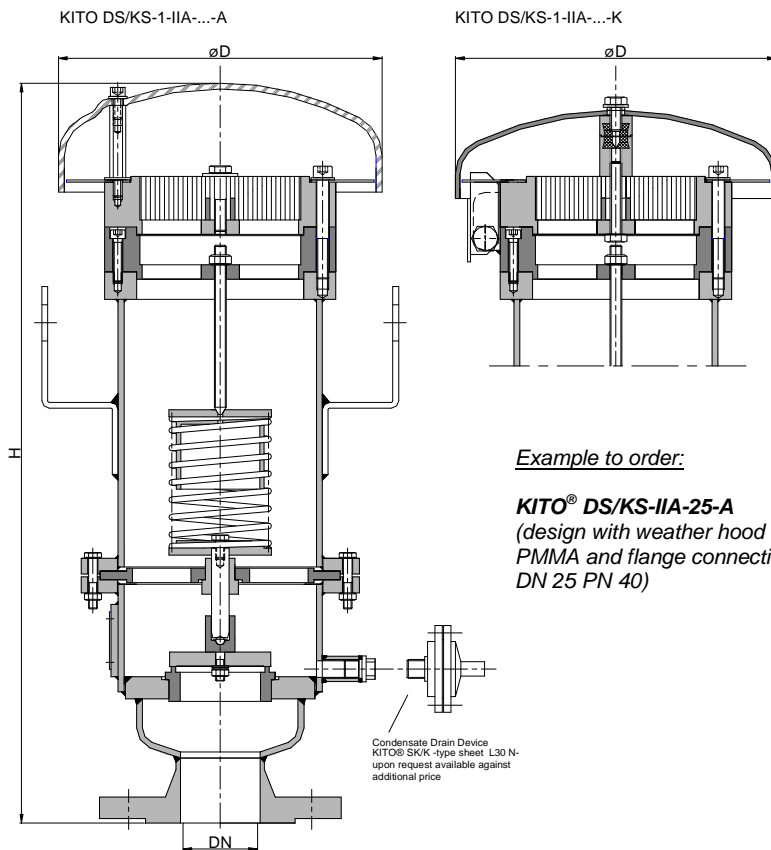
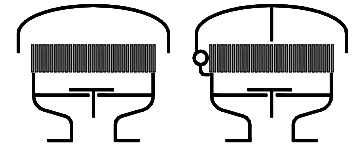


Pressure Relief Valve
KITO® DS/KS-1-IIA-...-A
KITO® DS/KS-1-IIA-...-K



Example to order:

KITO® DS/KS-IIA-25-A
 (design with weather hood from PMMA and flange connection DN 25 PN 40)



Type examination certificate to DIN EN ISO 16852
CE -designation in accordance to ATEX-Guideline 94/9/EC

DN	ANSI	~D	DIN	~H ANSI	~ kg	setting* (mbar)	
						min.	max.
25 PN 40	1"	220	512	532		200	350
50 PN 16	2"						
80 PN 16	3"	245				150	
100 PN 16	4"						

Dimensions in mm

Attention !!! Dimension H for design with a weather hood from stainless steel 1.4571 ca. 10-15 mm lower.

* minor settings see type sheet C 7 N, higher settings on request.

Design subject to change

performance curves: C 0.7.3 N

Standard design

housing : steel, stainless steel mat. no. 1.4571
 valve pallet : spring loaded
 valve seat and spindle : stainless steel 1.4571
 valve seals : metal sealing
 spring loaded parts : stainless steel 1.4571
 compression spring : stainless steel 1.4301
 KITO® flame arrester element : completely interchangeable
 KITO® casing / grid : stainless steel mat. no. 1.4308 / 1.4310, 1.4408 / 1.4571

weather hood :
 KITO® DS/KS-1-IIA-...-K : stainless steel mat. no. 1.4571, hood can fold automatically as a result of folding mechanism and fusing element
 KITO® DS/KS-1-IIA-...-A : PMMA

protective screen : PA6
 flange connection : DIN EN 1092-1 form B1, ANSI 150 lbs. RF

Application

As venting device for installation on storage tanks incorporating an explosion and endurance burning flame arrester element and a PRV to allow for the passage of excess pressure but prevent or minimize the loss of gas/vapours depending on valve adjustment. Usually mounted on top of the tank in conjunction with a vacuum relief valve.
 Approved for all materials of the explosion group IIA with a maximum experimental safe gap (MESG) > 0.9.

An explosion proof condensate drain is also available for this model at extra cost.