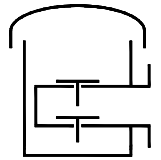


Type sheet

Pressure and vacuum relief valve

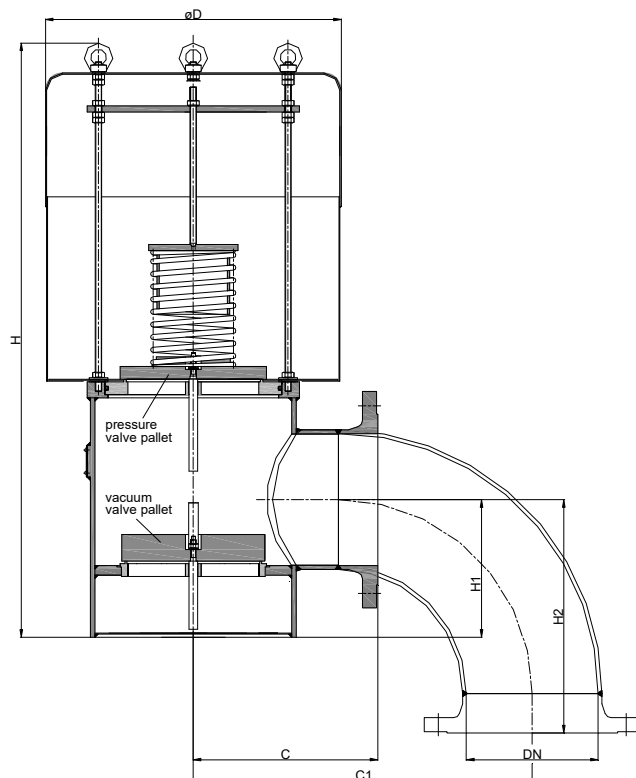
KITO® VD/oL-1-.../...



Application

As end-of-line armature, for venting apertures on tank installations. Used mainly as venting and breather device for fixed roof tanks. Used to prevent inadmissible pressure and vacuum and to minimize unwelcome gas losses or inadmissible emissions respectively. The housing is mounted perpendicularly on a tank roof. Valve is not explosion-proof or endurance-burning proof.

Dimensions (mm)



Vertical connection from size DN 100 only after prior agreement!!! On-site support of the device may be necessary!!!

DN		D	H	H1	H2		C		C1	kg
DIN	ASME				DIN	ASME	DIN	ASME		
50 PN 16	2"	240	460	77	121	139	155	174	140	
80 PN 16	3"	255	670	105	165	184	180	200	186	23
100 PN 16	4"	320		126	204	228	200	224	248	
125 PN 16	5"	400	733	152	244	278	245	279	291	
150 PN 16	6"	400		160	285	320	245	279	340	
200 PN 10	8"	465	934	217	367	407	288	288	533	100
250 PN 10	10"	600		248	449	483	350	350	645	

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

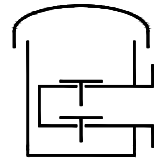
Example for order

KITO® VD/oL-1-50/25 (lateral)
(design lateral flange connection DN 50 PN 16, with vacuum valve pallet DN 50 and pressure valve pallet DN 25)

Without EC certificate and €-marking

Type sheet

Pressure and vacuum relief valve

KITO® VD/oL-1-.../...

Design

	standard	optionally
housing	steel	stainless steel mat. no. 1.4571
valve seat, valve spindle	stainless steel mat. no. 1.4571	
valve seat seal (o-ring)	VMQ-FEP	Viton, NBR, VMQ-PFA
load weight	stainless steel mat. no. 1.4571	
valve sealing	metal sealing	
valve pallet (pressure)	spring loaded	
valve pallet (vacuum)	weight loaded	
spring loaded parts	stainless steel mat. no. 1.4571	
compression spring	stainless steel	
weather hood	stainless steel	
protective screen	stainless steel mat. no. 1.4301	stainless steel mat. no. 1.4571
flange connection	EN 1092-1 type B1	ASME B16.5 Class 150 RF
connection	lateral	vertical

Settings (mbar)

DN	size	vacuum valve pallet		pressure valve pallet		
		min.	max.	size	min.	max.
50 PN 16	50/...	6	55	.../25	>200	350
				.../50		
80 PN 16	80/...	7	60	.../50	>200	
				.../80		
100 PN 16	100/...	7	65	.../50	>200	
				.../80		
				.../100		
125 PN 16	125/...	7	80	.../50	>200	
				.../80		
				.../100		
				.../125		
150 PN 16	150/...	8	80	.../50	>200	
				.../80		
				.../100		
				.../150		
200 PN 10	200/...	8	90	.../80	>200	
				.../100		
				.../150		
				.../200		
250 PN 10	250/...	10	100	.../100	>200	
				.../150		
				.../200		
				.../250		

The size of the vacuum valve pallet is always identical to the size of the flange connection.

The size of pressure valve pallet can be selected in accordance with required capacity!

Lower settings see KITO® VD/oL-...-... (type sheet E 17.10 N), higher settings on request.