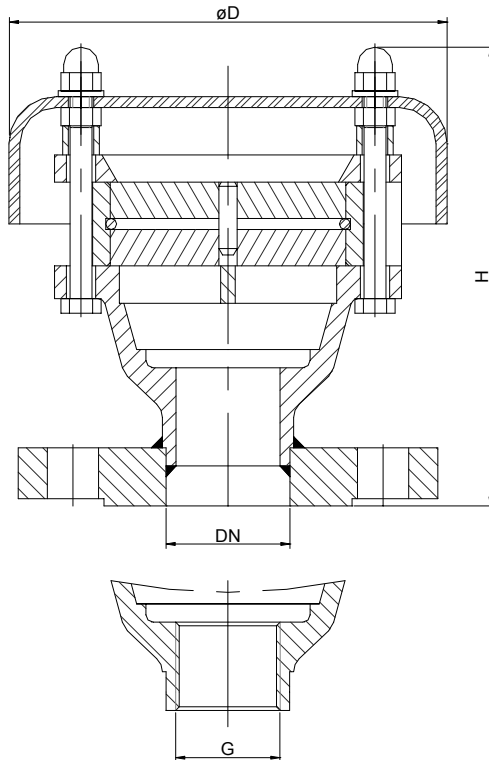
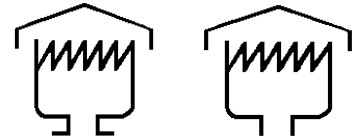


Hooded Tank Vent

KITO AEH-...

KITO AEHF-...



Type	Thread	D	H	kg
AEH -15	G 1/2"	90	92	1,3
AEH -20	G 3/4"			
AEH -25	G 1"	120	110	1,3
AEH -32	G 1 1/4"			

Type	Flange		D	H	kg
	DIN	ANSI			
AEHF-15	DN 15	1/2"	90	100	1,3
AEHF-20	DN 20	3/4"			
AEHF-25	DN 25	1"	120	119	1,3
AEHF-32	DN 32	1 1/4"			

dimensions in mm

EC type approval ATEX 100 a and EN 12874

CE -designation available

Example for order :
KITO AEHF-20
(design DN 20 with flange connection)

Design subject to change

performance curves : B 0.2 N

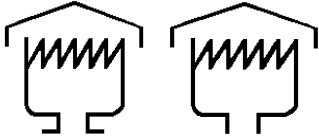
Standard design

housing : St 37-2, mat. no. 1.4571
 flame arrester element : two grids in straight corrugation -interchangeable-
 casing for grid : St 37-2, mat. no. 1.4571
 grid : mat. no. 1.4310/ 1.4571
 weather hood : acrylic glass
 flange connection : DIN 2501 PN 10, ANSI 150 lbs
 is also available in threaded format

Application

As breather/venting safety device incorporating an explosion and endurance burning flame arrester for installation on top of storage tanks, tank access covers or breather pipes. The breather allows for the unimpeded flow of gases out to atmosphere and clean air into the tank/pipe thereby preventing vacuum locks whilst ensuring provision of a permanent and reliable protection against any flashback into the tank/pipe. **This device is not permitted to be installed in enclosed areas.**
 Approved for all materials of the explosion group IIA with a maximum experimental safe gap (MESG) > 0,9.

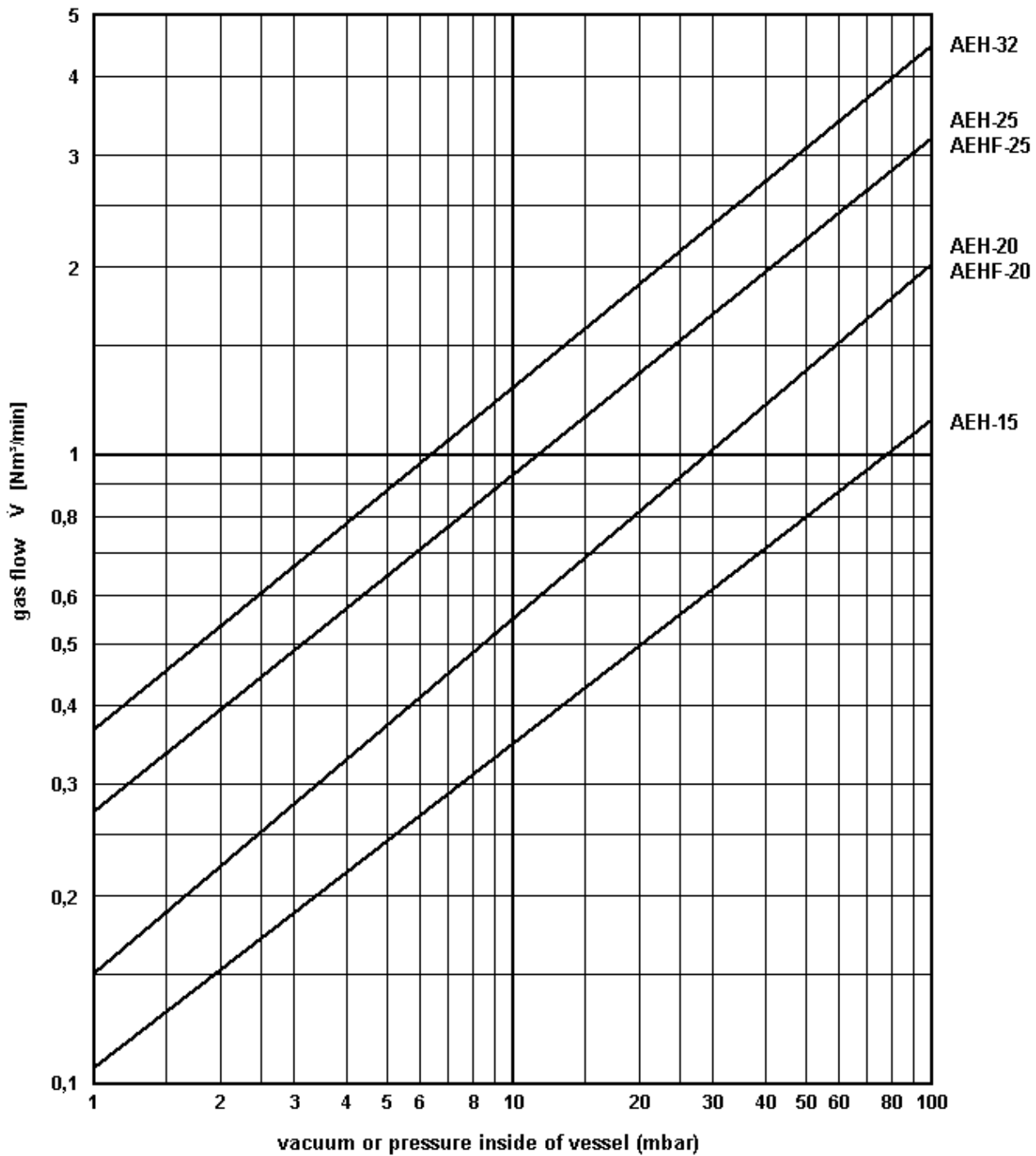
Other materials, special designs, heating etc upon request.



Performance curves
KITO AEH-...
KITO AEHF-...
B 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

$$\dot{V} = \dot{V}_b \cdot \sqrt{\frac{\rho_b}{1,29}} \quad \text{or} \quad \dot{V}_b = \dot{V} \cdot \sqrt{\frac{1,29}{\rho_b}}$$



Design subject to change