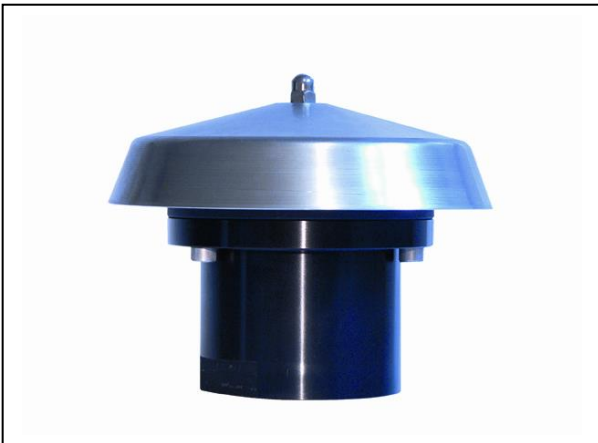




Explosion Group	DN25 1"	DN32 1 1/4"	DN40 1 1/2"	DN50 2"
IIA	P. 2	P. 6	P. 10	P. 14
IIB1	P. 3	P. 7	P. 11	P. 15
IIB2	P. 4	P. 8	P. 12	P. 16
IIB3	P. 5	P. 9	P. 13	P. 17

End of line deflagration flame arrester (with pressure-vacuum valve)	: 1048-0001-00
EC design test certificate no.	: IBExU 12 ATEX 2142 X
Standard gap (MESG)	: $\geq 0,65$ mm
Explosion group	: Ex G IIB3
Operating direction	:
Thread connection	: G2" innen/internal ISO228-1
Weight	: ~ 1,3 kg



Material

Housing

Aluminium black anodized + POM

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

FPM (Viton)

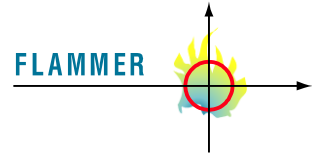
Operating Data

Type	: DEF
Absolute pressure	: $\leq 1,1$ bar
Temperature	: $\leq 60,0$ °C
Nominal pipe size	: \leq DN50

Pressure setting:

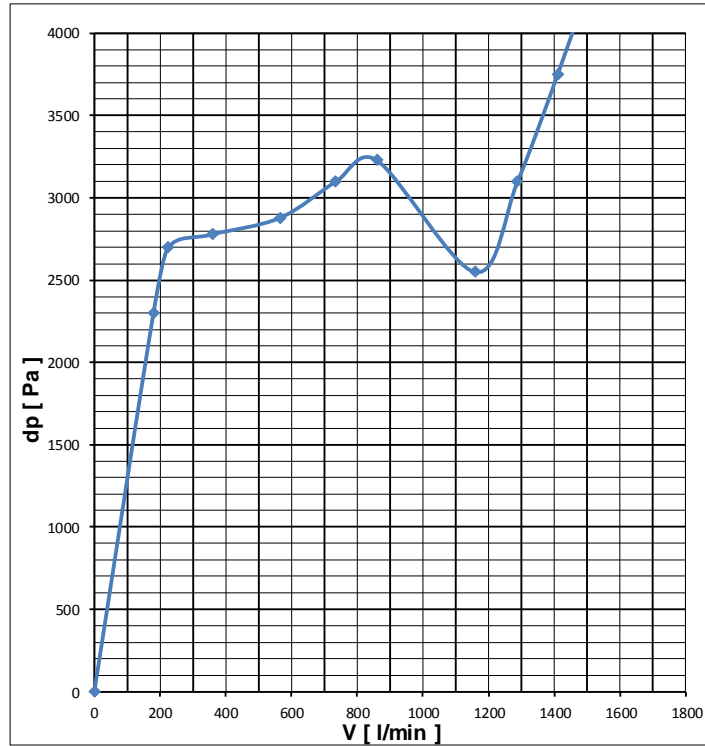
Over pressure	: 30,0 mbar
Under pressure	: 5,0 mbar

Pressure loss
See page 2



Pressure loss over pressure valve

Medium: Air, $p_0 = 1013 \text{ mbar}$, $T_0 = 293 \text{ K}$, Density = $1,20 \text{ kg/m}^3$



Pressure loss under pressure valve

Medium: Air $p_0 = 1013 \text{ mbar}$, $T_0 = 293 \text{ K}$, Density = $1,20 \text{ kg/m}^3$

