
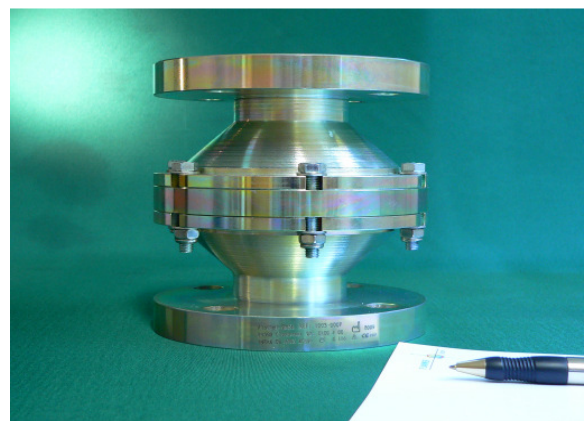
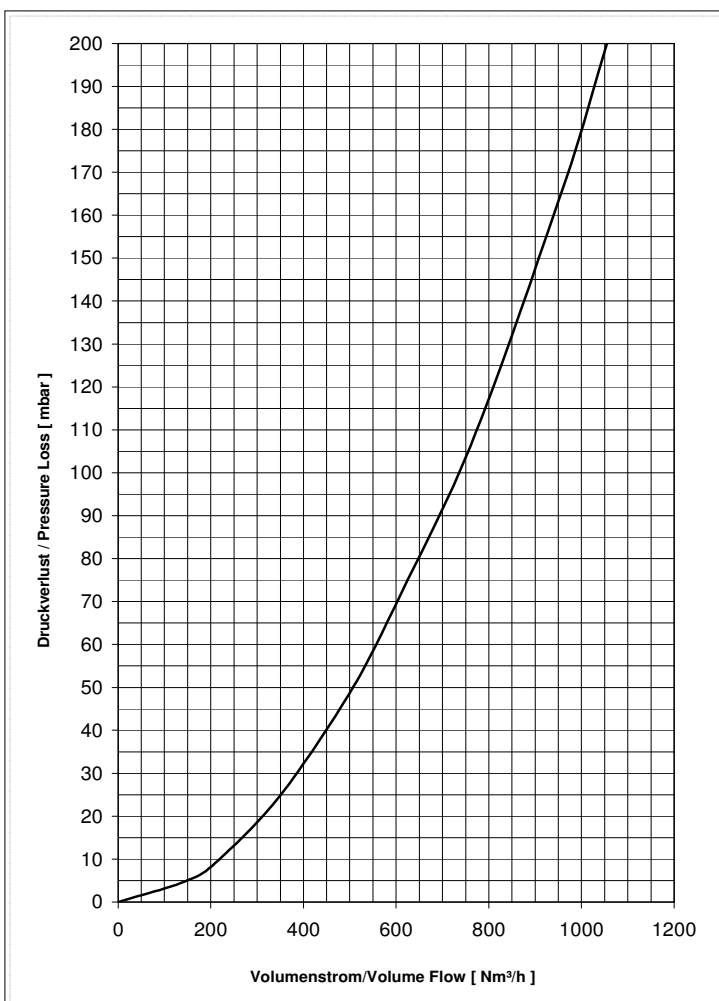


<b>Inline deflagration flame arrester</b>	: 1003-0007-00
<b>EC design test certificate</b>	: IBExU 09 ATEX 2019 X
<b>Standard gap (MESG)</b>	: > 0.90 mm
<b>Explosion group</b>	:  G IIA
<b>Direction of application</b>	: Bi-directional
<b>Flange</b>	: DN50 PN10(16) EN1092-1(DIN2576)
<b>Thread female</b>	: G2" (BSP) ISO228-1
<b>Length</b>	: 156 mm
<b>Weight</b>	: 9.54 kg

**Pressure loss**

Medium air

$p_0 = 1013 \text{ mbar}, T_0 = 273\text{K}, \rho_0 = 1,293 \text{ kg/m}^3$



1003-0007-00

**Material:**

Housing  
V2A / AISI 304

Flame arrester element  
V4A / AISI 316

O - Ring  
Viton (FKM)

**Operating data:**

Absolute pressure :  $\leq 1,20 \text{ bar}$   
Temperature :  $\leq 60 \text{ }^\circ\text{C}$   
Nominal pipe size :  $\leq \text{DN50}$

