
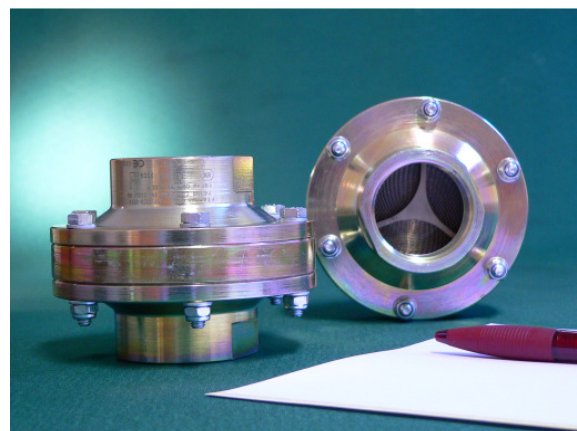
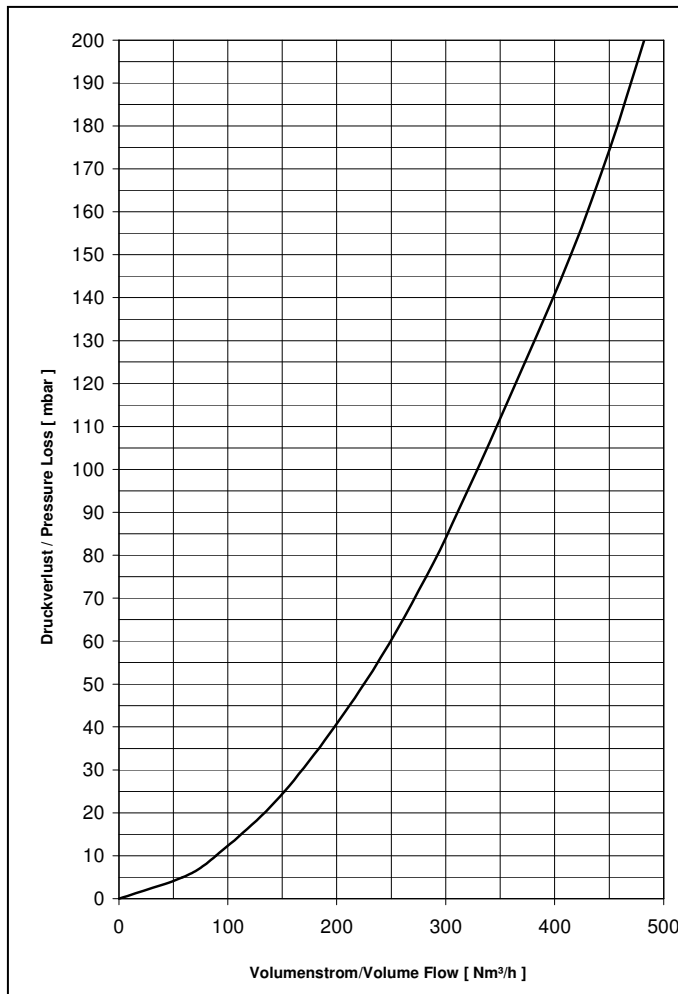


<b>Inline deflagration flame arrester</b>	: 1003-0011-05
<b>EC design test certificate</b>	: IBExU 09 ATEX 2103 X
<b>Standard Gap (MESG)</b>	: > 0.90 mm
<b>Explosion Group</b>	:  G IIA
<b>Direction of application</b>	: Bi-directional
<b>Thread</b>	: G 1 1/2" (BSP) ISO228-1 internal
<b>Length</b>	: 82 mm
<b>Weight</b>	: 2.20 kg

Pressure loss

Medium air

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



1003-0011-05

**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 :  $\leq \text{DN40 mm}$