
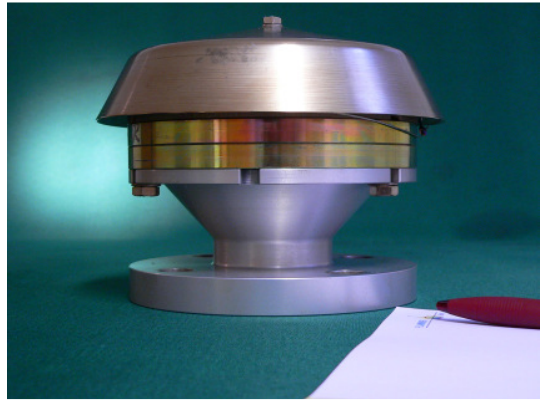
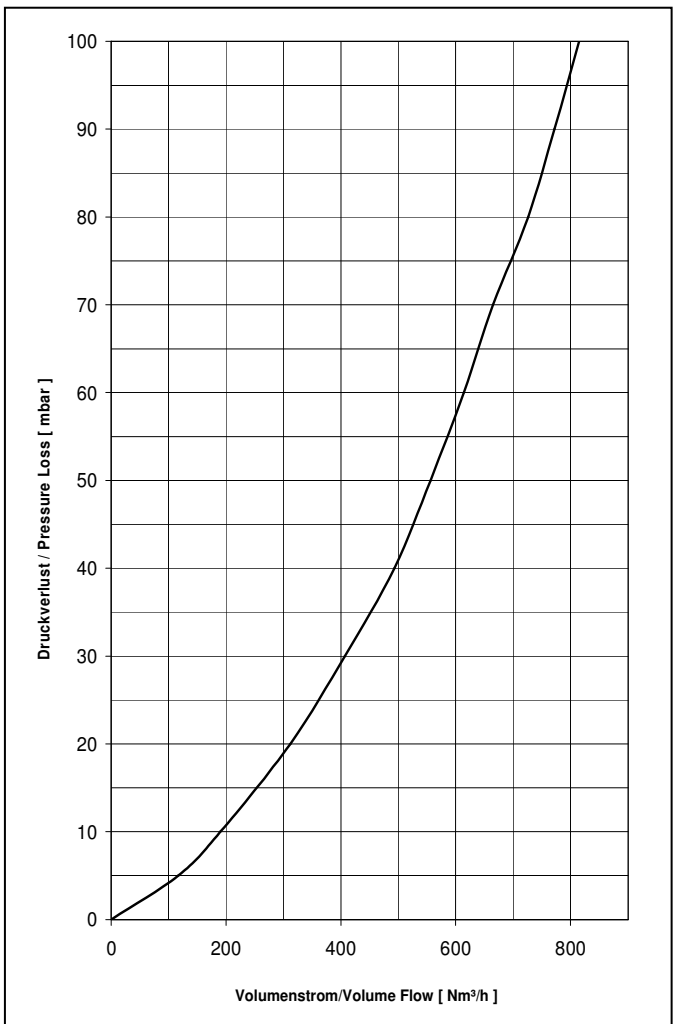


<b>End of line deflagration flame arrester for endurance burning</b>	: 1018-0085-10
<b>EC design test certificate</b>	: IBExU 09 ATEX 2160 X
<b>Standard gap</b>	: > 0.90 mm
<b>Explosion Group</b>	:  G IIA + E85
<b>Flange</b>	: DN50 EN1092-1 (DIN 2576) PN10(16)
<b>Thread connection</b>	: G2" (BSP) ISO228-1 internal
<b>Height</b>	: 156 mm
<b>Diameter</b>	: 190 mm
<b>Weight</b>	: 5.60 kg

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



1018-0085-10

**Material:**

Housing  
 Aluminum anodized and steel zinc plated and chromated

Flame arrester element  
 V2A / AISI 301

Rain cover  
 V4A / AISI 316

**Operating data:**

Absolute pressure : Atmospheric  
 Temperature : ≤ 60 °C  
 Nominal pipe size : ≤ DN50 (2")

Endurance burning with pure hydrocarbons and ethanol / gasoline (EN 228) mixtures containing maximum 90Vol% ethanol.

E N D O F L I N E D E F L A G R A T I O N F L A M E A R R E S T E R