

**Inline Detonation Flame Arrester (Suitable for endurance burning) : 1012-0001-40**

**EC design test certificate no.**

**: IBExU 10 ATEX 2123 X**

**Standard gap (MESG)**

**:  $\geq 1,14$  mm**

**Explosion group**

**:  $\text{Ex}$  G IIA1**

**Operating direction**

**: Bidirektional / Bi-directional**

**Flange connection**

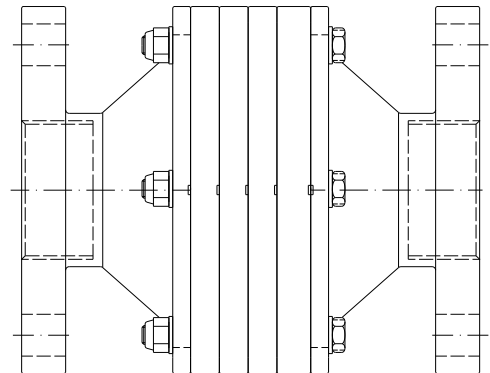
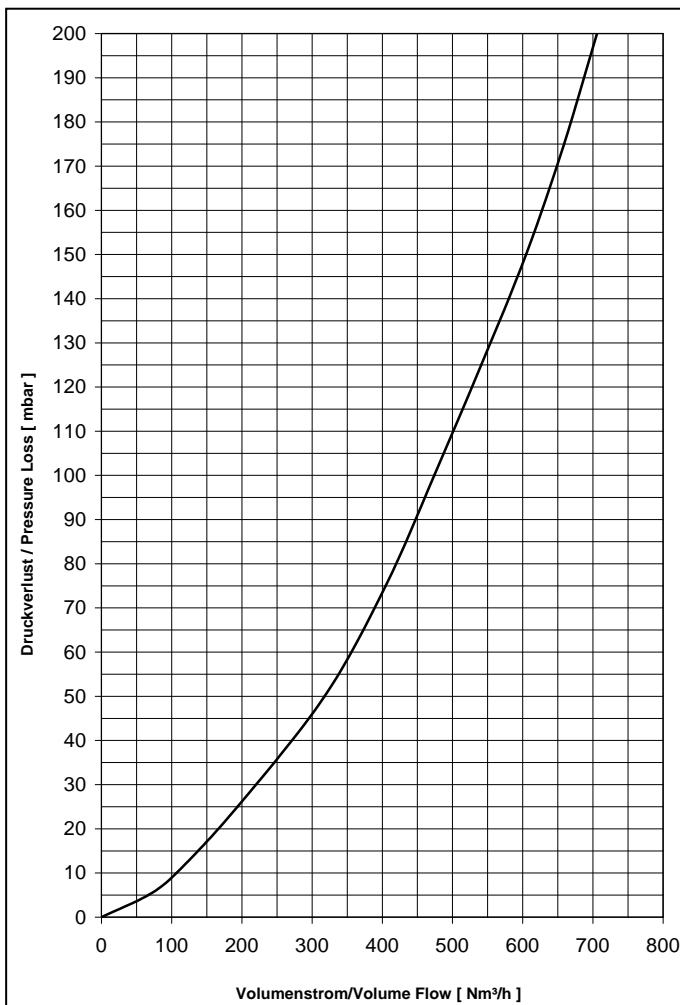
**: EN1092-1(DIN2576) PN10(16)**

**Thread connection**

**:**

**Weight**

**: ~ 12,9 kg**



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DET 4

Absolute pressure :  $\leq 1,1$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN40

Suitable for endurance burning

Pressure loss

Medium Air

$p_0 = 1013$  mbar,  $T_0 = 273$ K, density =  $1,293$  kg/m<sup>3</sup>