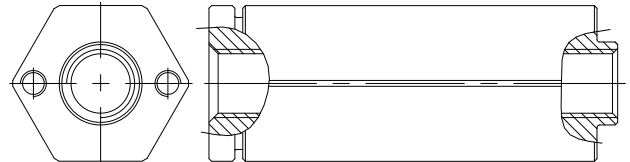
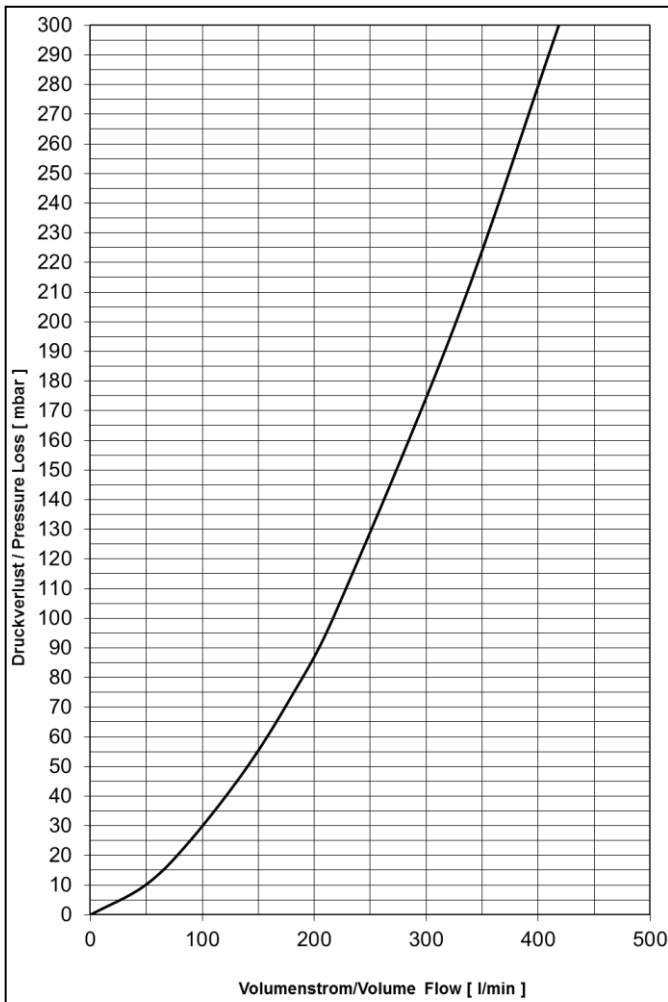




Explosion Group	DN6	DN8	DN10 1/4"	DN15 1/2"	DN20 3/4"	DN25 1"	DN32 1 1/4"	DN40 1 1/2"	DN50 2"	DN65 2 1/2"	DN80 3"	DN100 4"	DN125 5"	DN150 6"
IIA	P. 3	P. 9	P. 15	P. 21	P. 27	P. 33	P. 39	P. 44	P. 49	P. 54	P. 59	P. 64	P. 69	P. 74
IIB1	P. 4	P. 10	P. 16	P. 22	P. 28	P. 34	P. 40	P. 45	P. 50	P. 55	P. 60	P. 65	P. 70	P. 75
IIB2	P. 5	P. 11	P. 17	P. 23	P. 29	P. 35	P. 41	P. 46	P. 51	P. 56	P. 61	P. 66	P. 71	P. 76
IIB3	P. 6	P. 12	P. 18	P. 24	P. 30	P. 36	P. 42	P. 47	P. 52	P. 57	P. 62	P. 67	P. 72	P. 77
IIB	P. 7	P. 13	P. 19	P. 25	P. 31	P. 37	P. 43	P. 48	P. 53	P. 58	P. 63	P. 68	P. 73	P. 78
IIC	P. 8	P. 14	P. 20	P. 26	P. 32	P. 38								

<b>Inline Detonation Flame Arrester</b>	: 1002-0008-00
<b>EC design test certificate no.</b>	: IBExU 11 ATEX 2071 X
<b>Standard gap (MESG)</b>	: $\geq 0,65$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIB3
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 0,35 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4301/AISI304, 1.4571/AISI 316 Ti

O-Ring  
FPM (Viton)

**Operating Data**

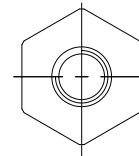
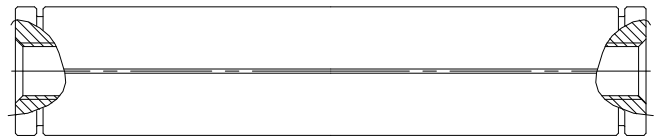
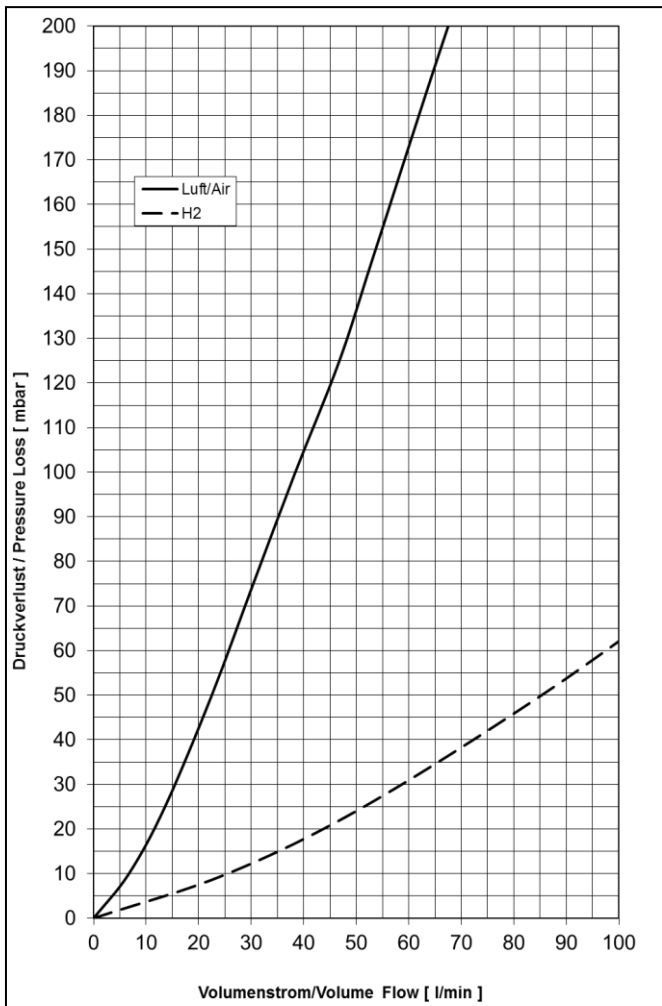
Type	: DET 3
Absolute pressure	: $\leq 1,3$ bar
Temperature	: $\leq 60,0$ °C
Nominal pipe size	: $\leq$ DN15

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0013-00
<b>EC design test certificate no.</b>	: IBExU 10 ATEX 2072 X
<b>Standard gap (MESG)</b>	: < 0,50 mm
<b>Explosion group</b>	:  G IIC
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 0,68 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4301/AISI304, 1.4571/AISI 316Ti

O-Ring  
FPM (Viton)

**Operating Data**

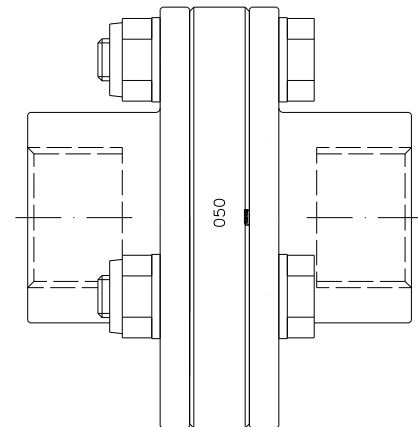
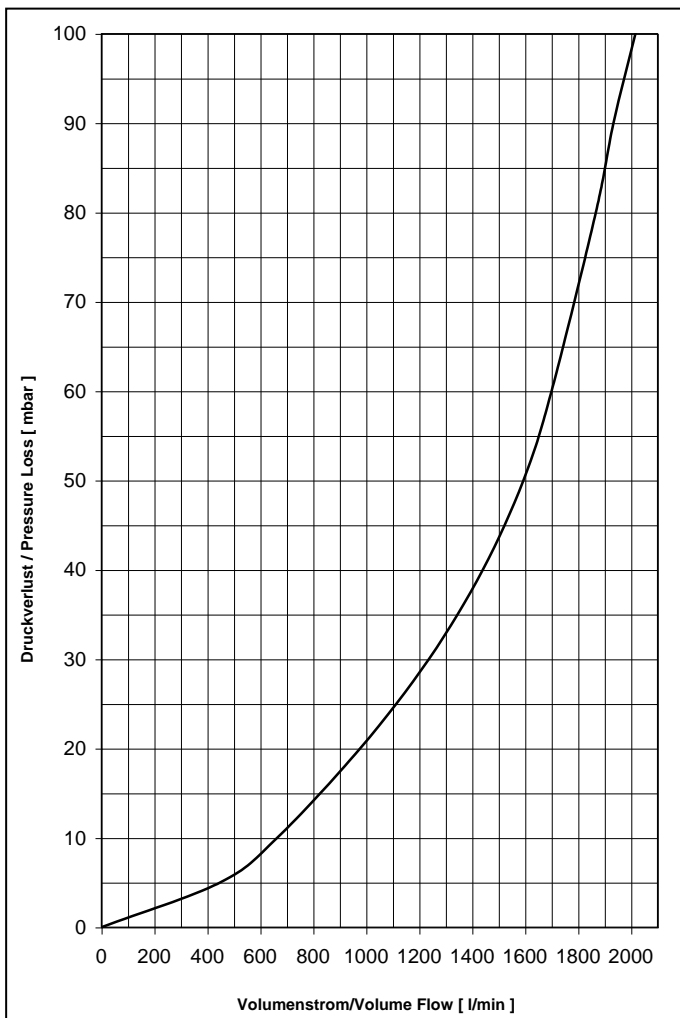
Type	: DET 4
Absolute pressure	: ≤ 1,2 bar
Temperature	: ≤ 60,0 °C
Nominal pipe size	: ≤ DN15

**Pressure loss**

Medium Air

po = 1013 mbar, To = 273K, density = 1,293 kg/m³

<b>Inline Deflagration Flame Arrester</b>	: 1003-0017-45
<b>EC design test certificate no.</b>	: IBExU 08 ATEX 2123 X
<b>Standard gap (MESG)</b>	: $\geq 0,85$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIB1
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G 1/2" innen/internal ISO228-1
<b>Weight</b>	: ~ 2,18 kg



**Material**  
Housing  
 V4A/AISI 316 range

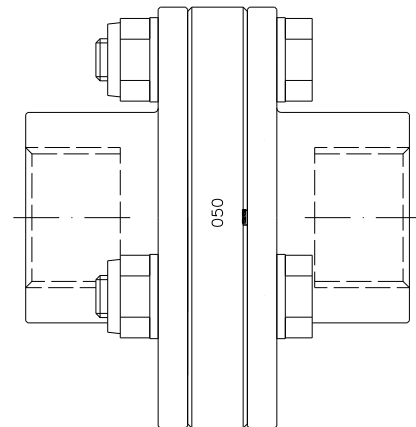
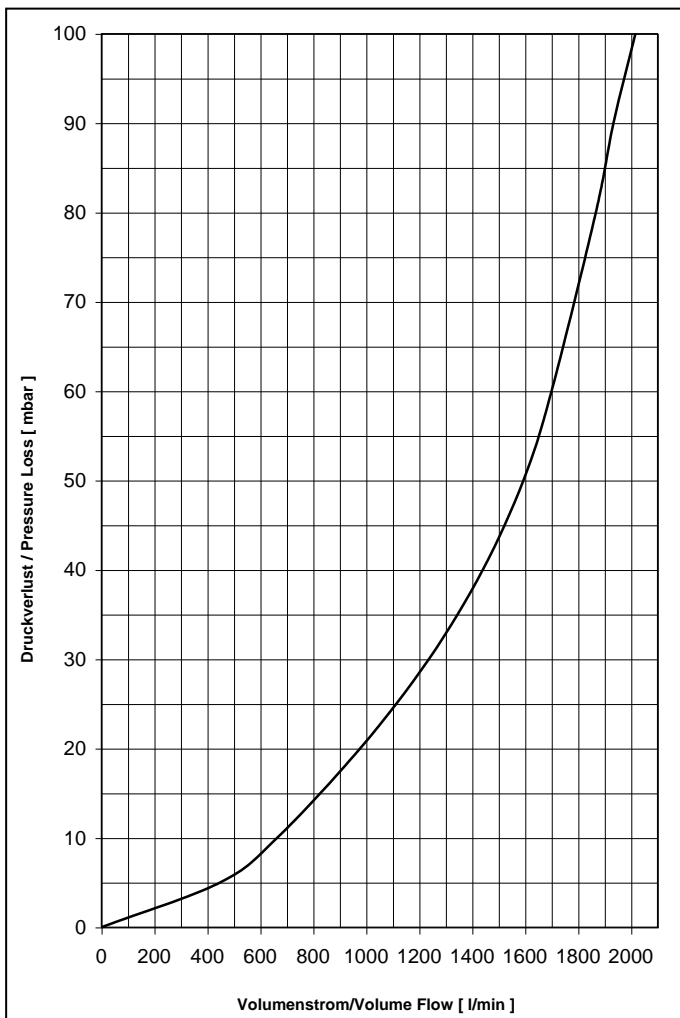
Flame Arrester Element  
 1.4571 / AISI 316 Ti

O-Ring  
 PTFE

**Operating Data**  
 Type : DEF  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN15

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

<b>Inline Deflagration Flame Arrester</b>	: 1003-0017-35
<b>EC design test certificate no.</b>	: IBExU 08 ATEX 2123 X
<b>Standard gap (MESG)</b>	: $\geq 0,85$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIB1
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G 3/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 2,18 kg




**Material**  
Housing  
 V4A/AISI 316 range

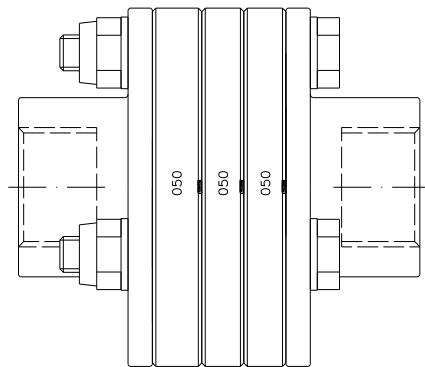
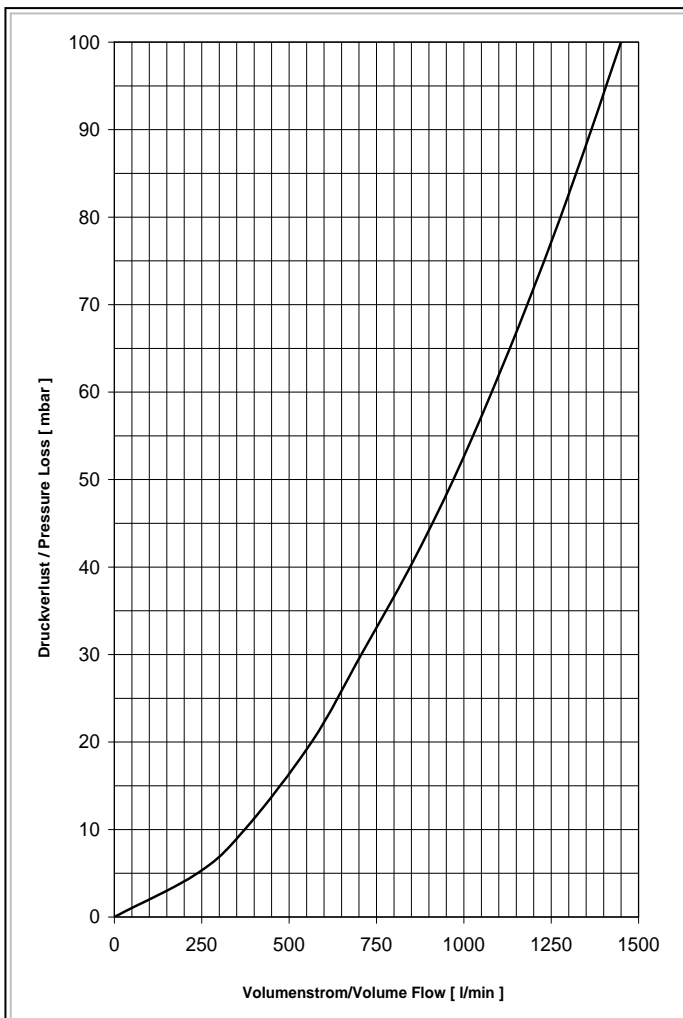
Flame Arrester Element  
 1.4571 / AISI 316 Ti

O-Ring  
 PTFE

**Operating Data**  
 Type : DEF  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN20

**Pressure loss**  
 Medium Air  
 $p_0 = 1013$  mbar,  $T_0 = 273K$ , density =  $1,293$  kg/m<sup>3</sup>

<b>Inline Detonation Flame Arrester</b>	: 1002-0010-35
<b>EC design test certificate no.</b>	: IBExU 07 ATEX 2095 X
<b>Standard gap (MESG)</b>	: $\geq 0,65$ mm
<b>Explosion group</b>	:  G IIB3
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G3/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 3,6 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

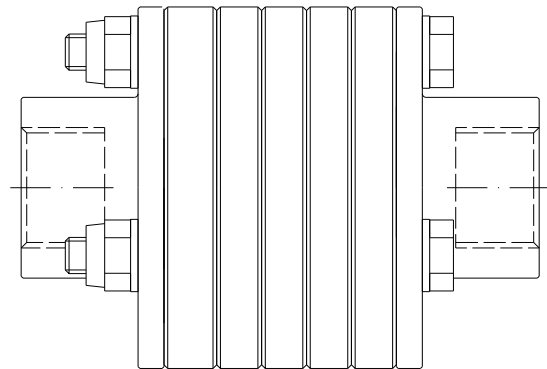
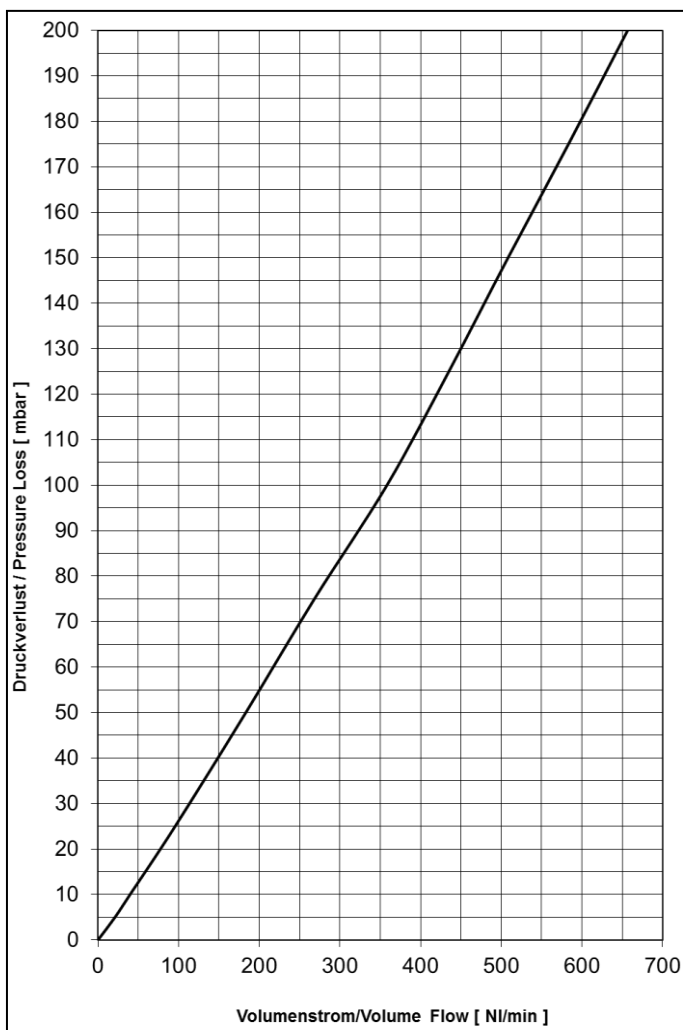
Type : DET 4  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN20

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0024-35
<b>EC design test certificate no.</b>	: IBExU 14 ATEX 2106 X
<b>Standard gap (MESG)</b>	: < 0,50 mm
<b>Explosion group</b>	:  G IIC
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G3/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 4,88 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4404 / AISI 316L

O-Ring  
PTFE


**Operating Data**

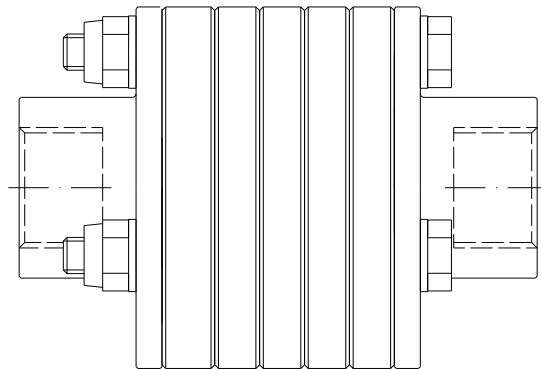
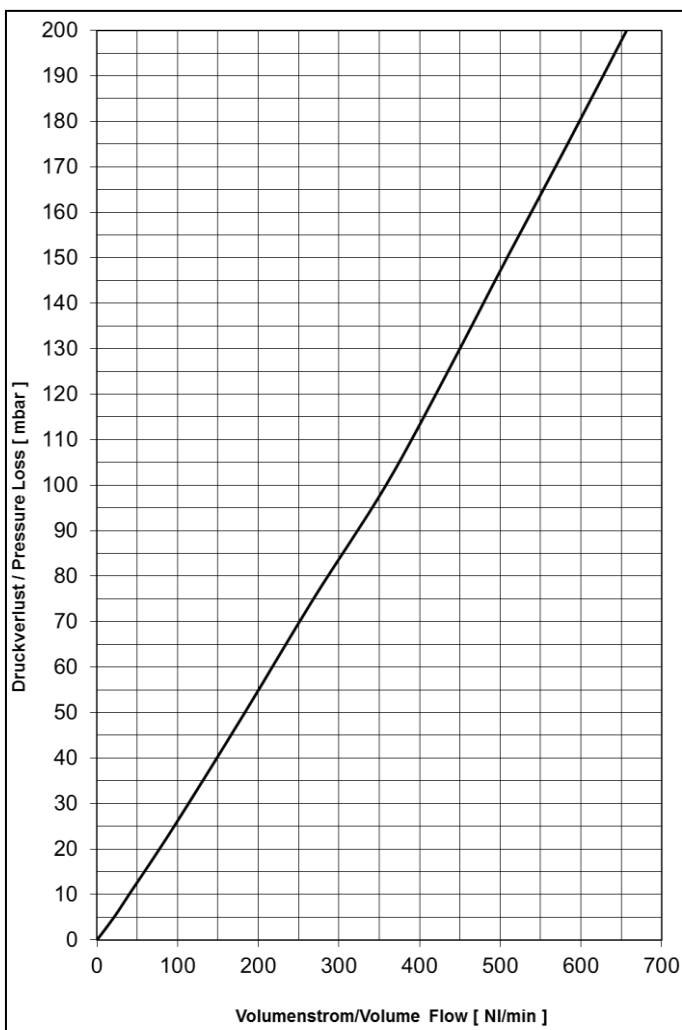
Type : DET 4  
 Absolute pressure : ≤ 1,2 bar  
 Temperature : ≤ 60,0 °C  
 Nominal pipe size : ≤ DN20

**Pressure loss**

Medium Air

po = 1013 mbar, To = 273K, density = 1,293 kg/m<sup>3</sup>

<b>Inline Detonation Flame Arrester</b>	: 1002-0024-35
<b>EC design test certificate no.</b>	: IBExU 14 ATEX 2106 X
<b>Standard gap (MESG)</b>	: < 0,50 mm
<b>Explosion group</b>	:  G IIC
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G3/4" innen/internal ISO228-1
<b>Weight</b>	: ~ 4,88 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4404 / AISI 316L

O-Ring  
PTFE

**Operating Data**

Type	: DET 4
Absolute pressure	: ≤ 1,2 bar
Temperature	: ≤ 60,0 °C
Nominal pipe size	: ≤ DN20

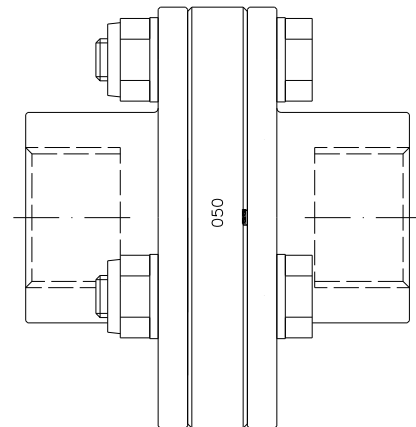
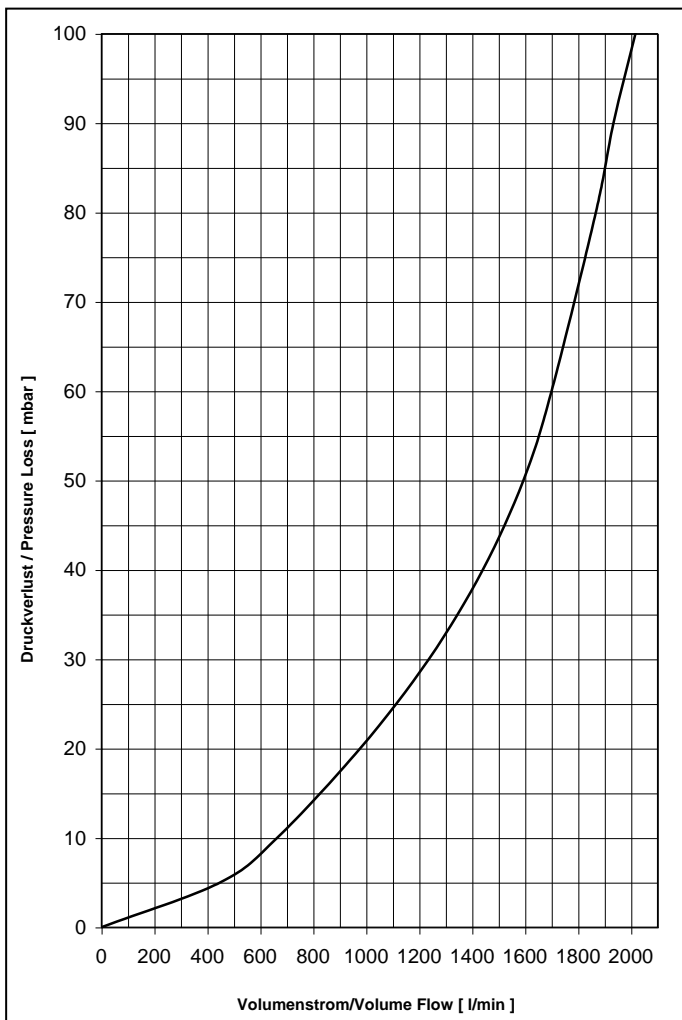
**Pressure loss**

Medium Air

po = 1013 mbar, To = 273K, density = 1,293 kg/m³



<b>Inline Deflagration Flame Arrester</b>	: 1003-0017-70
<b>EC design test certificate no.</b>	: IBExU 08 ATEX 2123 X
<b>Standard gap (MESG)</b>	: $\geq 0,85$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIB1
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G 1" innen/internal ISO228-1
<b>Weight</b>	: ~ 2,18 kg




**Material**  
Housing  
 V4A/AISI 316 range

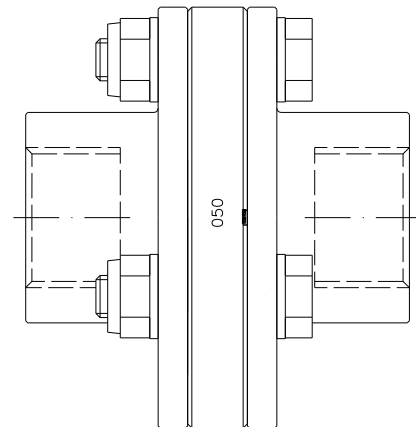
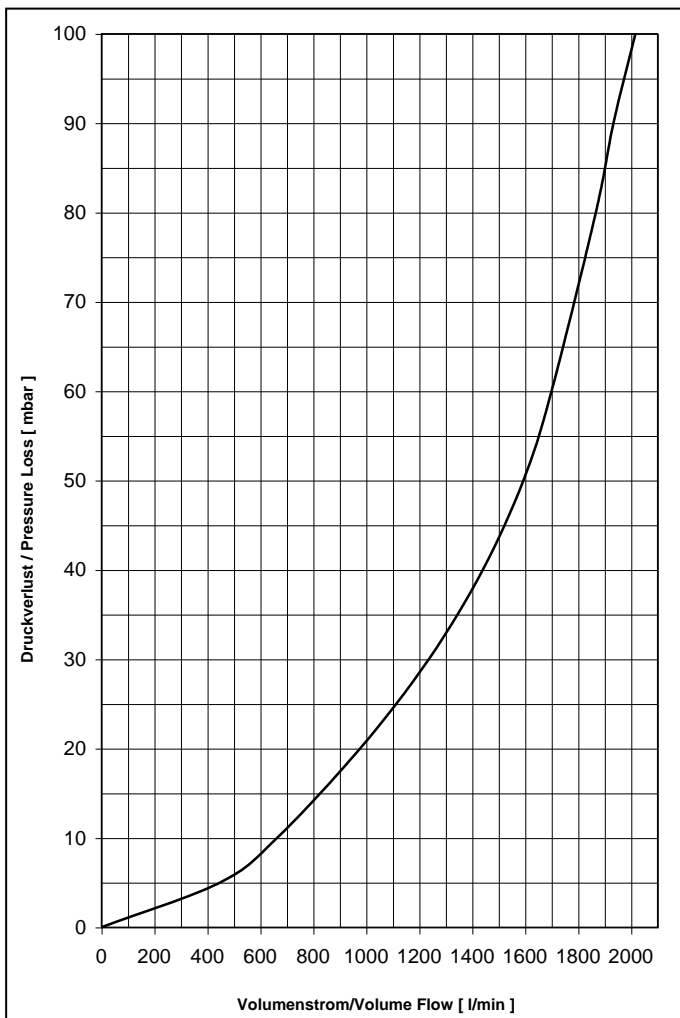
Flame Arrester Element  
 1.4571 / AISI 316 Ti

O-Ring  
 PTFE

**Operating Data**  
 Type : DEF  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN25

**Pressure loss**  
 Medium Air  
 $p_0 = 1013$  mbar,  $T_0 = 273K$ , density =  $1,293$  kg/m<sup>3</sup>

<b>Inline Deflagration Flame Arrester</b>	: 1003-0017-70
<b>EC design test certificate no.</b>	: IBExU 08 ATEX 2123 X
<b>Standard gap (MESG)</b>	: $\geq 0,85$ mm
<b>Explosion group</b>	:  G IIB1
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G 1" innen/internal ISO228-1
<b>Weight</b>	: ~ 2,18 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE


**Operating Data**

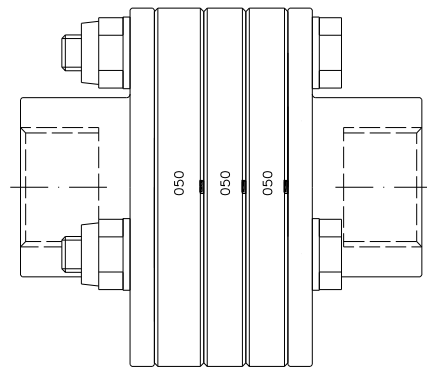
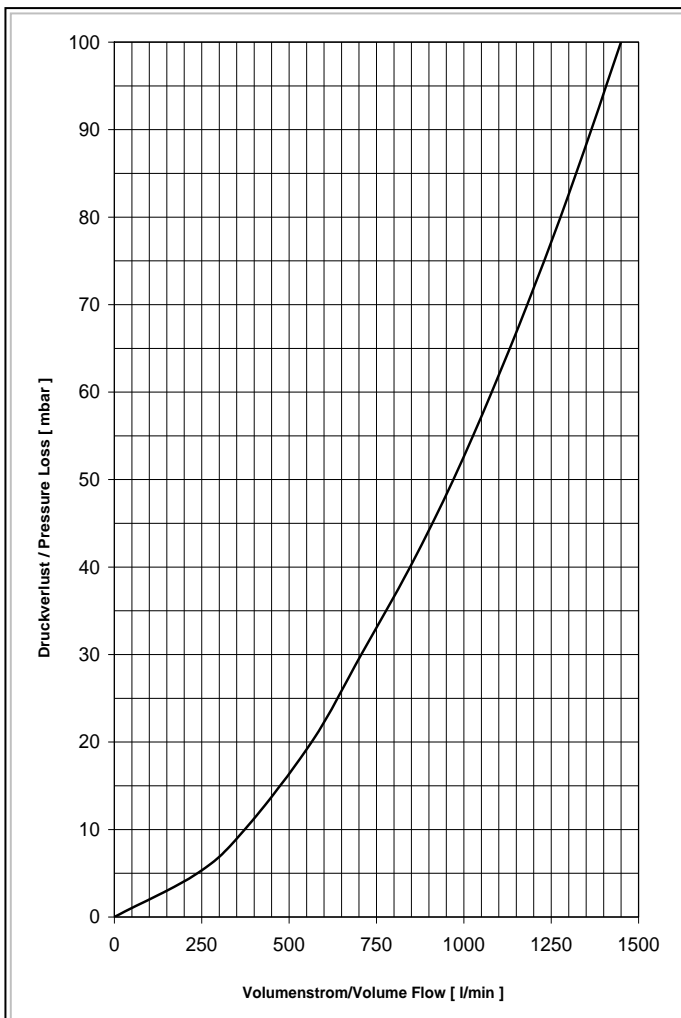
Type : DEF  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN25

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0010-75
<b>EC design test certificate no.</b>	: IBExU 07 ATEX 2095 X
<b>Standard gap (MESG)</b>	: $\geq 0,65$ mm
<b>Explosion group</b>	:  G IIB3
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1" innen/internal ISO228-1
<b>Weight</b>	: ~



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

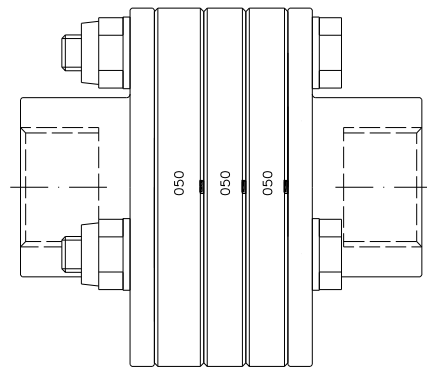
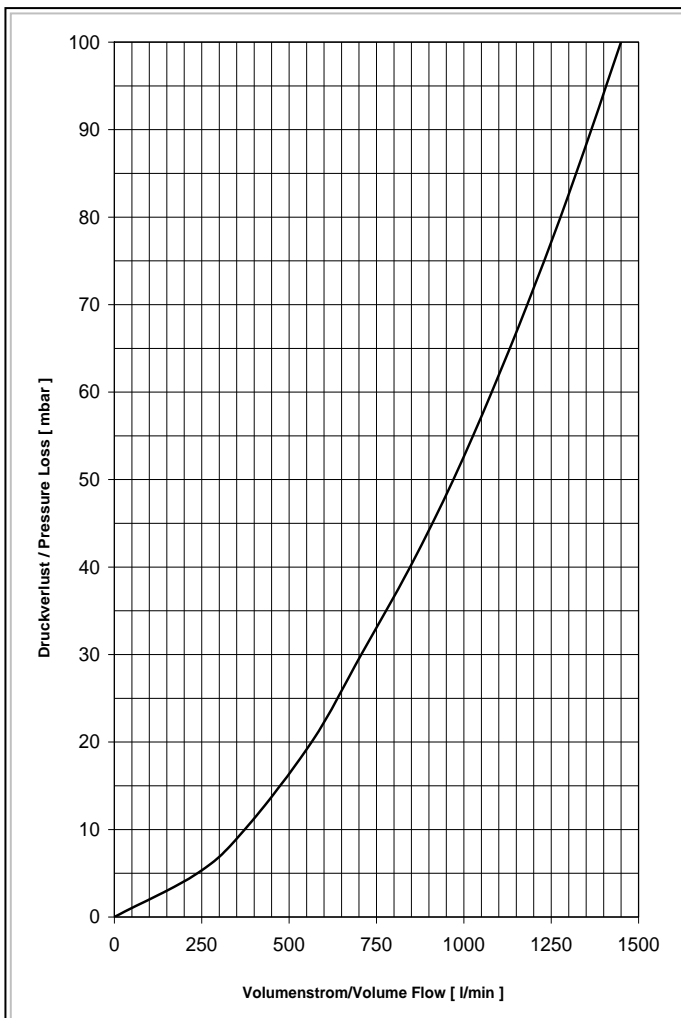
Type : DET 4  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN25

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0010-75
<b>EC design test certificate no.</b>	: IBExU 07 ATEX 2095 X
<b>Standard gap (MESG)</b>	: $\geq 0,65$ mm
<b>Explosion group</b>	:  G IIB3
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1" innen/internal ISO228-1
<b>Weight</b>	: ~



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

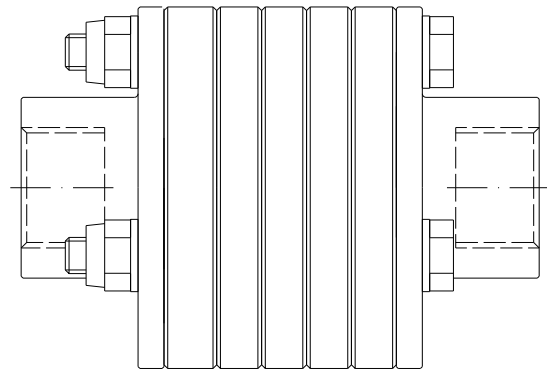
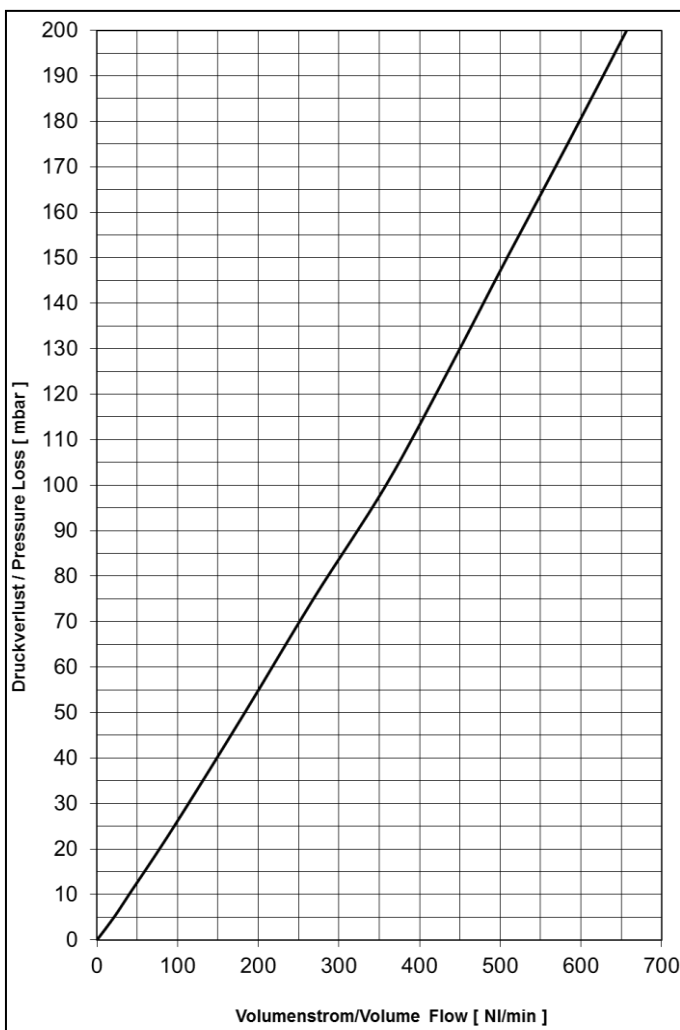
Type	: DET 4
Absolute pressure	: $\leq 1,1$ bar
Temperature	: $\leq 60,0$ °C
Nominal pipe size	: $\leq$ DN25

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0024-75
<b>EC design test certificate no.</b>	: IBExU 14 ATEX 2106 X
<b>Standard gap (MESG)</b>	: < 0,50 mm
<b>Explosion group</b>	:  G IIC
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1" innen/internal ISO228-1
<b>Weight</b>	: ~ 4,88 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4404 / AISI 316L

O-Ring  
PTFE


**Operating Data**

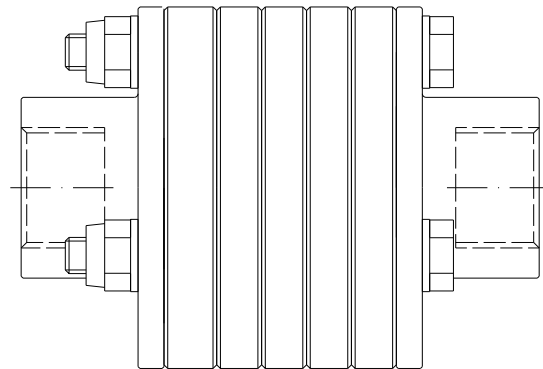
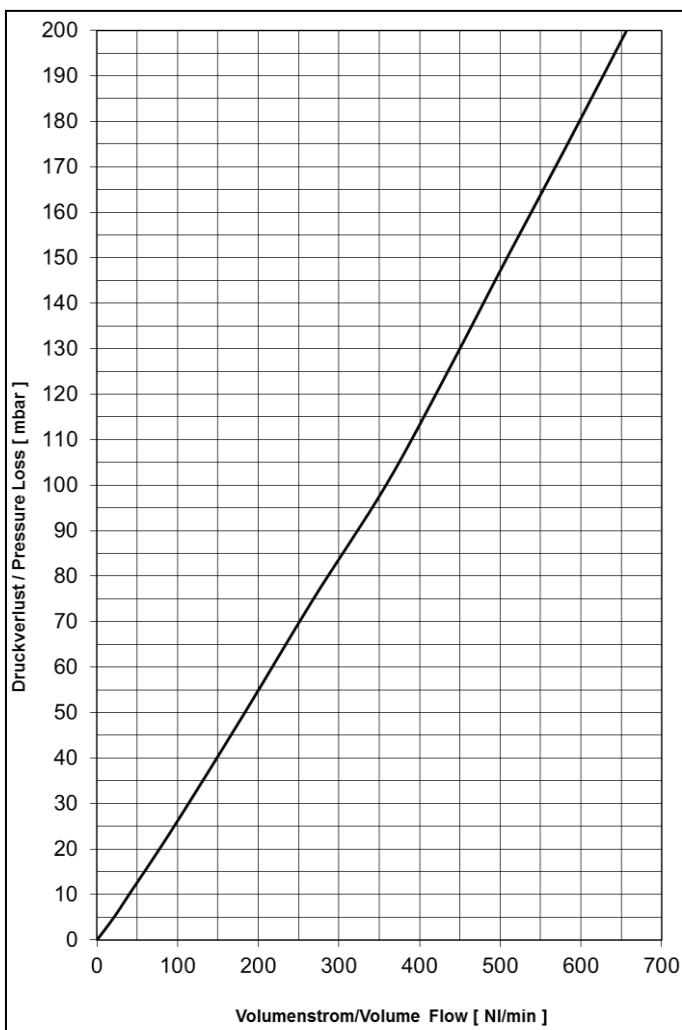
Type	: DET 4
Absolute pressure	: ≤ 1,2 bar
Temperature	: ≤ 60,0 °C
Nominal pipe size	: ≤ DN25

**Pressure loss**

Medium Air

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

<b>Inline Detonation Flame Arrester</b>	: 1002-0024-75
<b>EC design test certificate no.</b>	: IBExU 14 ATEX 2106 X
<b>Standard gap (MESG)</b>	: < 0,50 mm
<b>Explosion group</b>	:  G IIC
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G1" innen/internal ISO228-1
<b>Weight</b>	: ~ 4,88 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4404 / AISI 316L

O-Ring  
PTFE

**Operating Data**

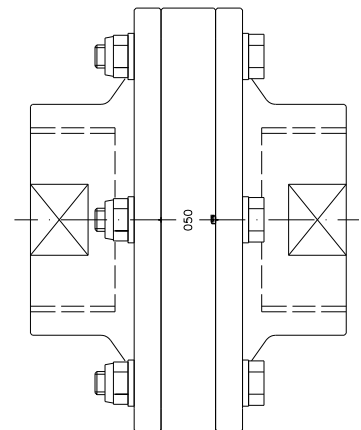
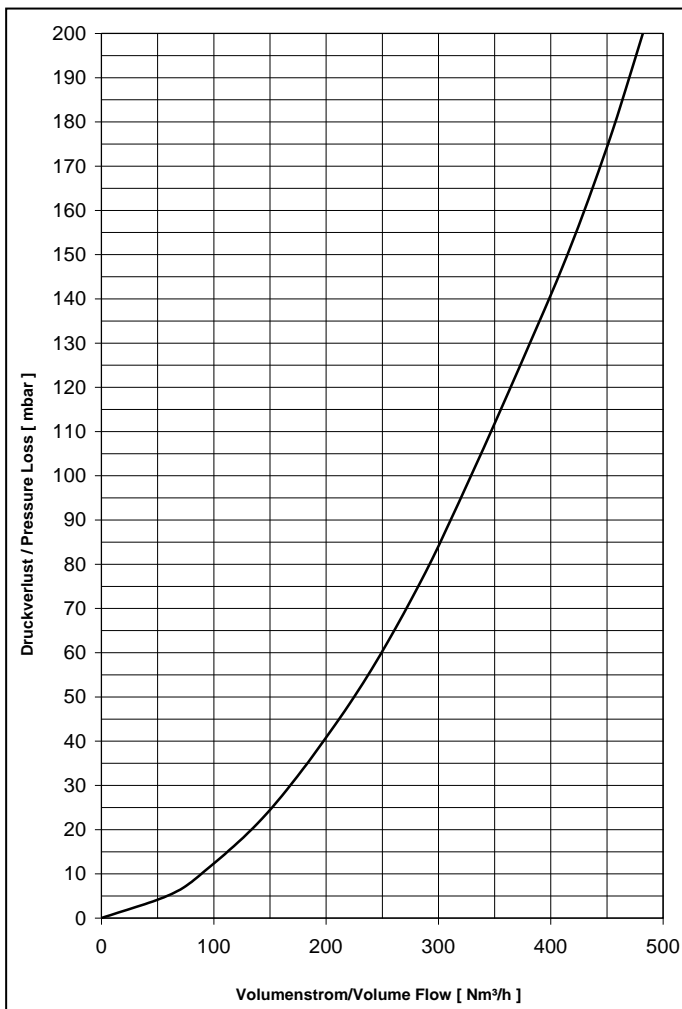
Type : DET 4  
 Absolute pressure : ≤ 1,2 bar  
 Temperature : ≤ 60,0 °C  
 Nominal pipe size : ≤ DN25

**Pressure loss**

Medium Air

po = 1013 mbar, To = 273K, density = 1,293 kg/m³

<b>Inline Deflagration Flame Arrester</b>	: 1003-0011-45
<b>EC design test certificate no.</b>	: IBExU 09 ATEX 2103 X
<b>Standard gap (MESG)</b>	: $\geq 0,90$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIA
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Thread connection</b>	: G 1 1/4 " innen/internal ISO228-1
<b>Weight</b>	: ~ 2,17 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN32

**Pressure loss**

Medium Air

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

**Inline Deflagration Flame Arrester**

: 1003-0019-46

**EC design test certificate no.**

: IBExU 14 ATEX 2025 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

:  $\text{Ex}$  G IIB

**Operating direction**

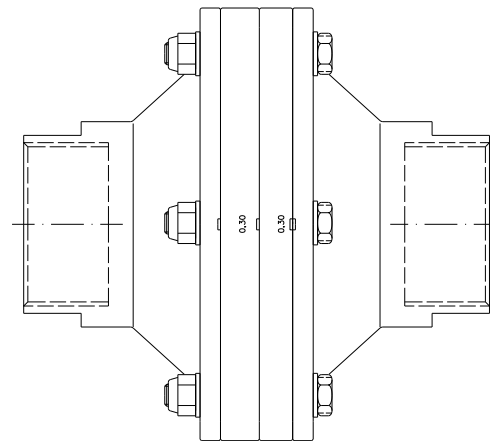
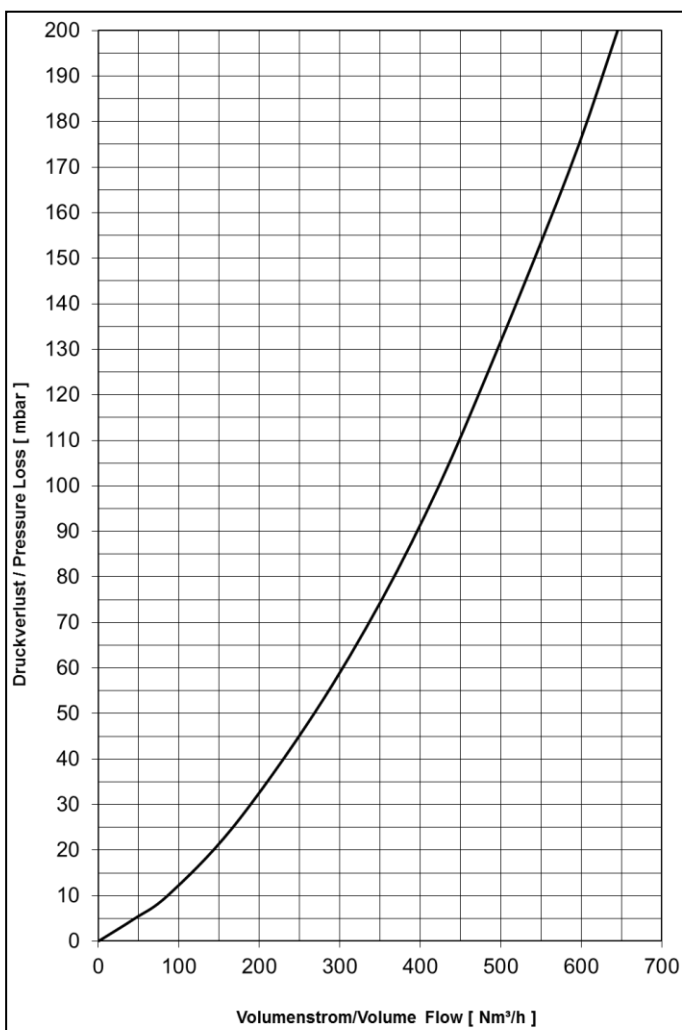
: Bidirektional / Bi-directional

**Thread connection**

: G1 1/4" innen/internal ISO228-1

**Weight**

: ~ 8,0 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN32

**Pressure loss**

**Medium Air**

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



**Inline Deflagration Flame Arrester**

: 1003-0007-40

**EC design test certificate no.**

: IBExU 09 ATEX 2019 X

**Standard gap (MESG)**

:  $\geq 0,90$  mm

**Explosion group**

:  $\text{Ex}$  G IIA

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

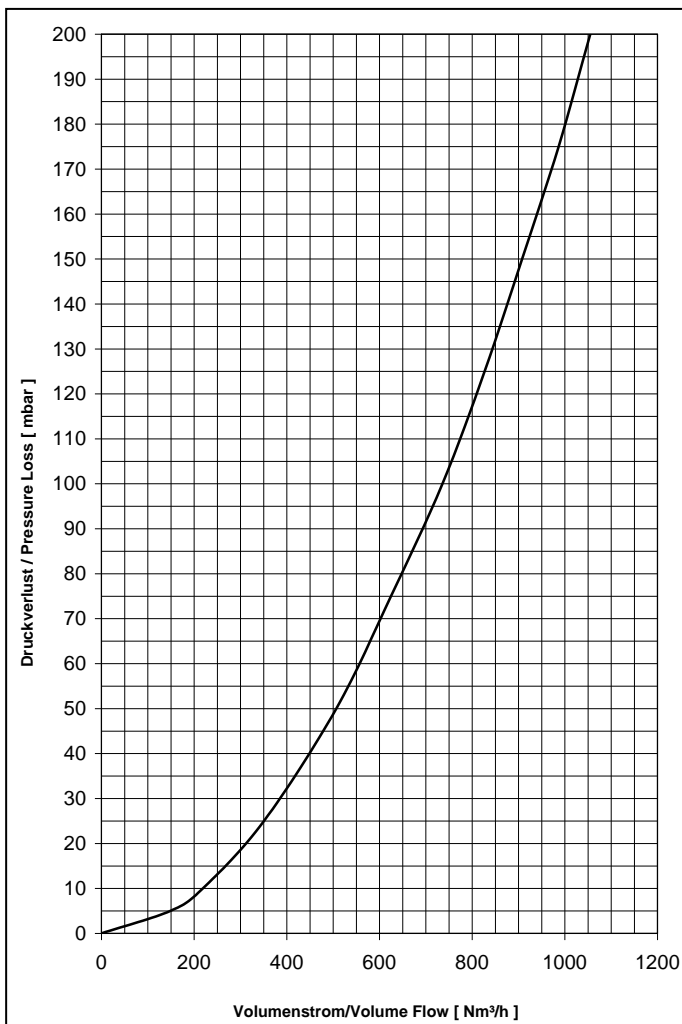
: EN1092-1(DIN2576) PN10(16)

**Thread connection**

: G1 1/2" innen/internal ISO228-1

**Weight**

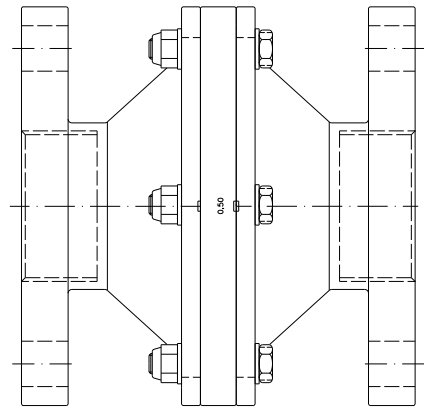
: ~ 9,6 kg



**Pressure loss**

**Medium Air**

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



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,2$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN40

**Inline Deflagration Flame Arrester**

: 1003-0019-40

**EC design test certificate no.**

: IBExU 14 ATEX 2025 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

:  $\text{Ex}$  G IIB

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

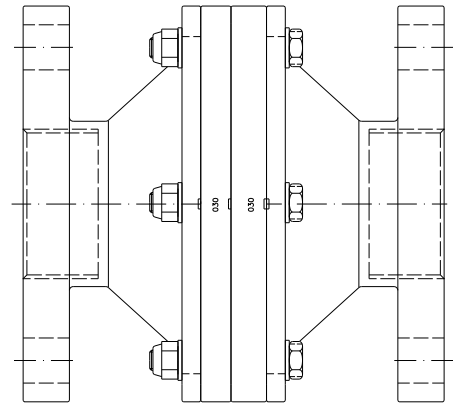
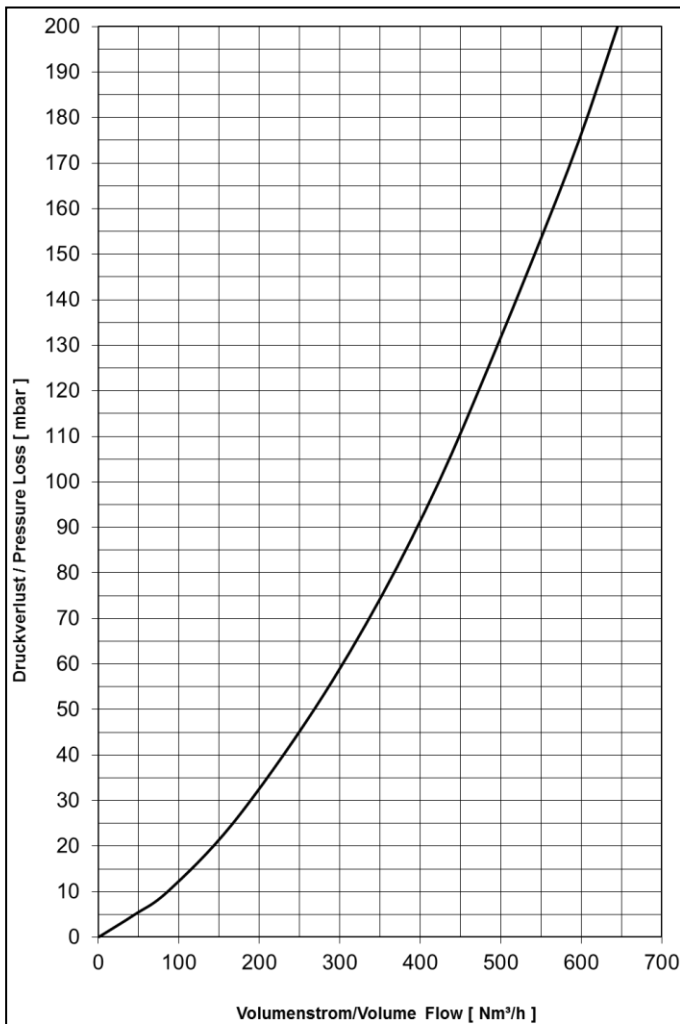
: EN1092-1(DIN2576) PN10/16

**Thread connection**

: G1 1/2" innen/internal ISO228-1

**Weight**

: ~ 11,4 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,2$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN40

**Pressure loss**

**Medium Air**

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

**Inline Deflagration Flame Arrester**

: 1003-0007-70

**EC design test certificate no.**

: IBExU 09 ATEX 2019 X

**Standard gap (MESG)**

:  $\geq 0,90$  mm

**Explosion group**

:  $\text{Ex}$  G IIA

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

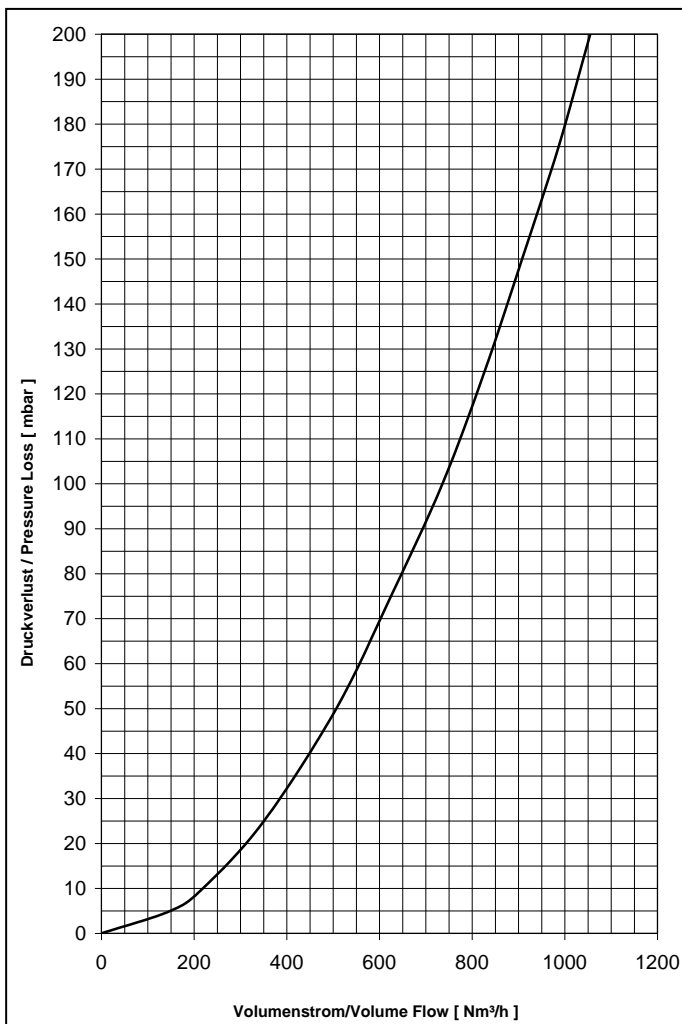
: EN1092-1(DIN2576) PN10(16)

**Thread connection**

: G2" innen/internal ISO228-1

**Weight**

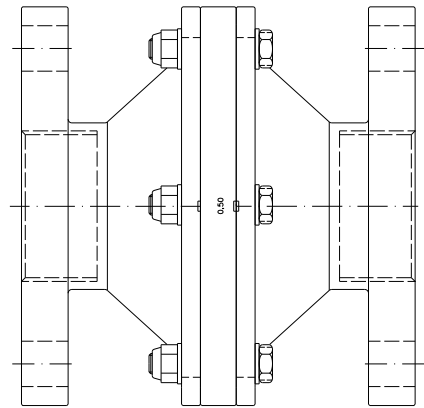
: ~ 9,2 kg



**Pressure loss**

**Medium Air**

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



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,2$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN50

**Inline Deflagration Flame Arrester**

: 1003-0019-70

**EC design test certificate no.**

: IBExU 14 ATEX 2025 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

:  $\text{Ex}$  G IIB

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

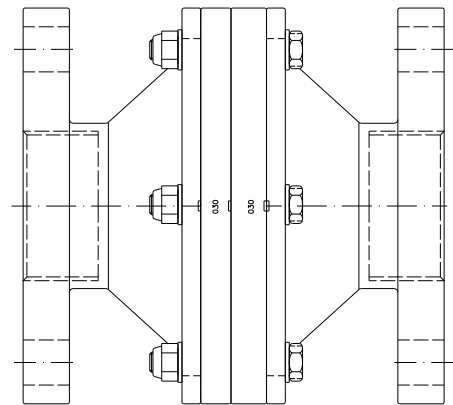
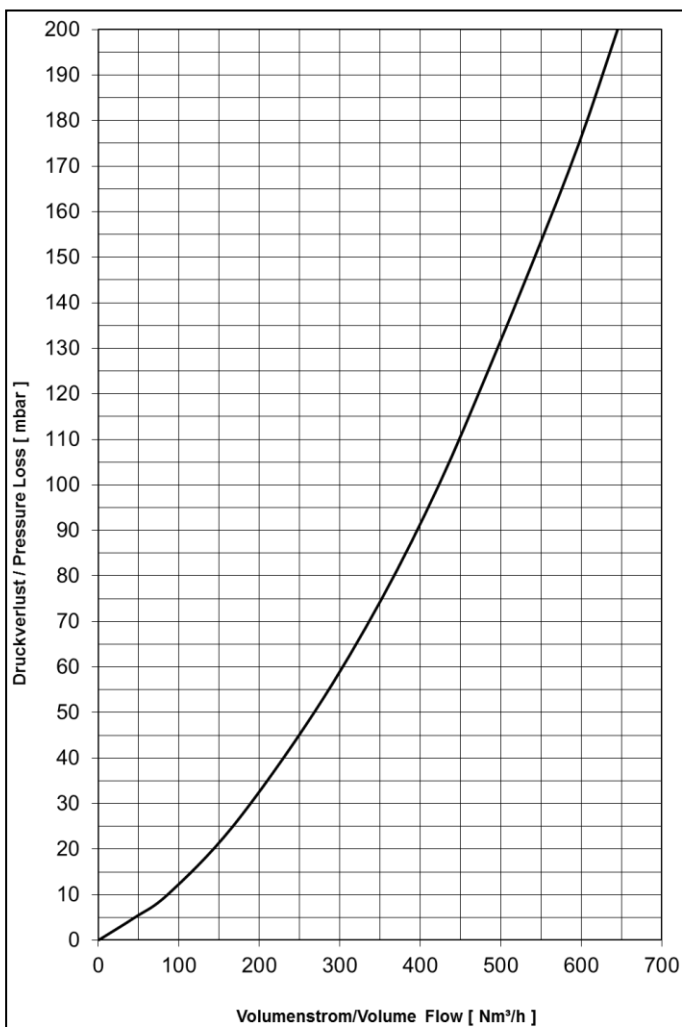
: EN1092-1(DIN2576) PN10/16

**Thread connection**

: G2" innen/internal ISO228-1

**Weight**

: ~ 11,0 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,2$  bar

Temperature :  $\leq 60,0$  °C

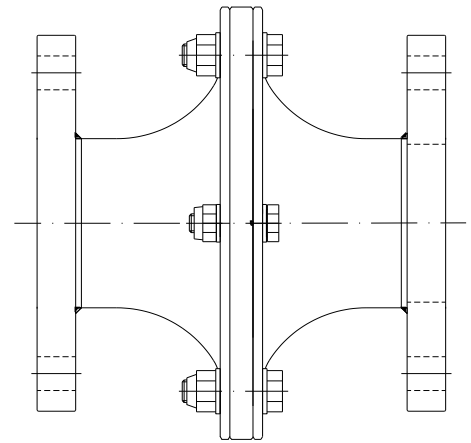
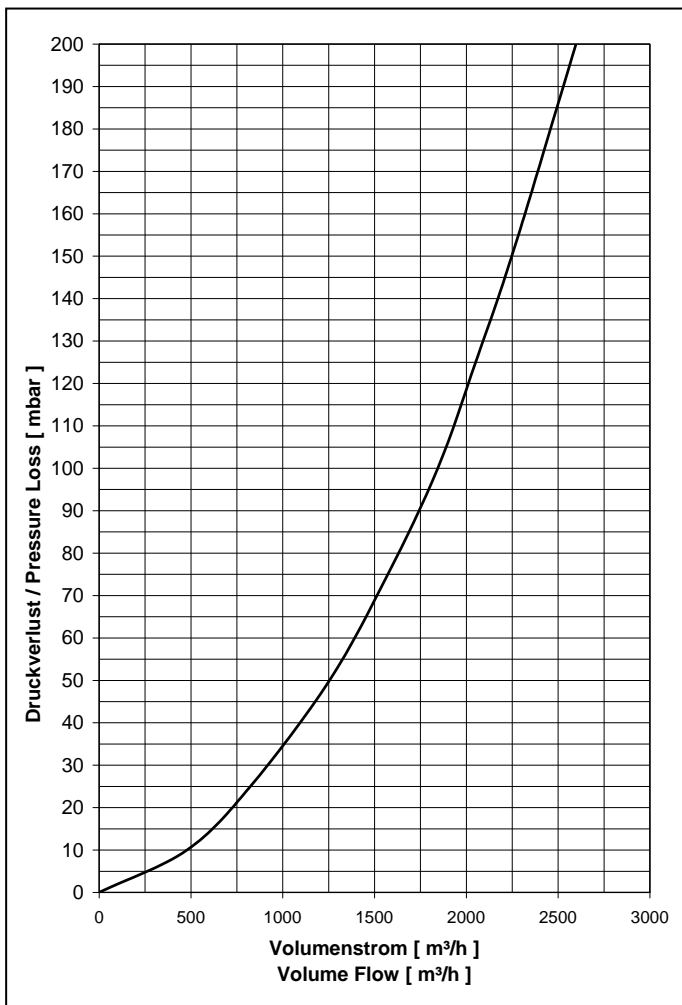
Nominal pipe size :  $\leq$  DN50

**Pressure loss**

**Medium Air**

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

<b>Inline Deflagration Flame Arrester</b>	: 1003-0008-40
<b>EC design test certificate no.</b>	: IBExU 07 ATEX 2015 X
<b>Standard gap (MESG)</b>	: $\geq 0,90$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIA
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Flange connection</b>	: EN1092-1(DIN2576) PN10(16)
<b>Thread connection</b>	:
<b>Weight</b>	: ~ 12,3 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN65

**Pressure loss**

Medium Air

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

**Inline Deflagration Flame Arrester**

: 1003-0021-20

**EC design test certificate no.**

: IBExU 14 ATEX 2024 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

:  $\text{Ex}$  G IIB

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

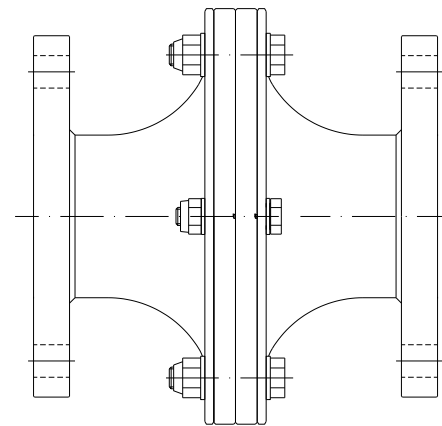
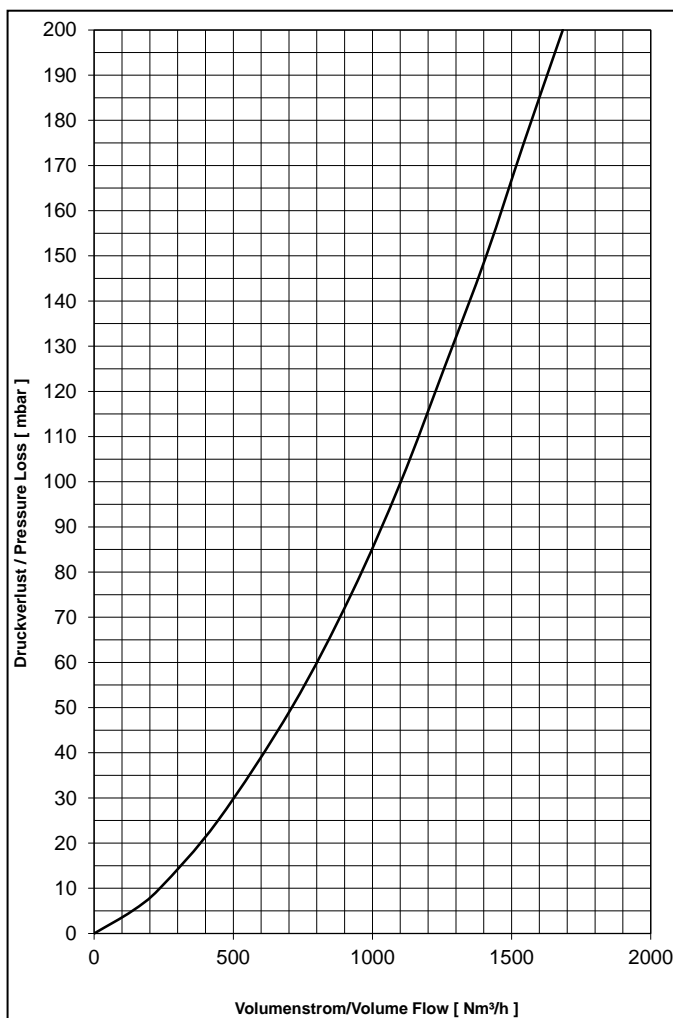
: EN1092-1 (DIN2576) PN10/16

**Thread connection**

:

**Weight**

: ~ 15,1 kg



**Material**

Housing

V2A/Stainless steel

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

FPM (Viton)

**Operating Data**

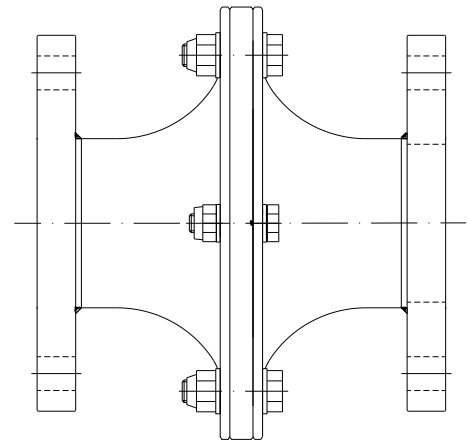
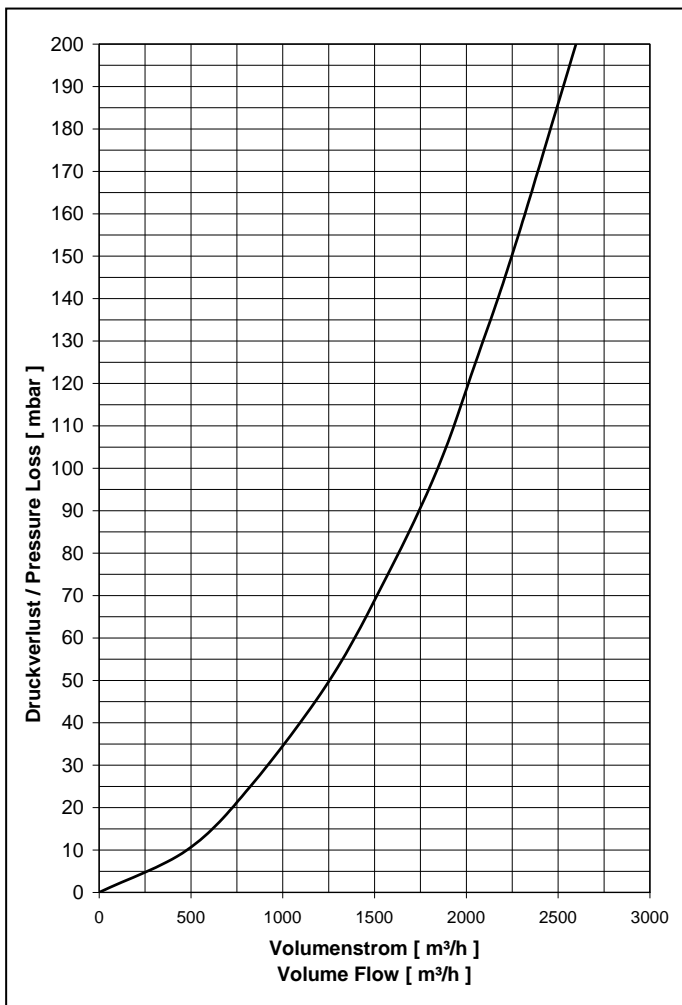
Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN65

**Pressure loss**

**Medium Air**

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

<b>Inline Deflagration Flame Arrester</b>	: 1003-0008-70
<b>EC design test certificate no.</b>	: IBExU 07 ATEX 2015 X
<b>Standard gap (MESG)</b>	: $\geq 0,90$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIA
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Flange connection</b>	: EN1092-1(DIN2576) PN10(16)
<b>Thread connection</b>	:
<b>Weight</b>	: ~ 14,3 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE

**Operating Data**

Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN80

**Pressure loss**

Medium Air

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

**Inline Deflagration Flame Arrester**

: 1003-0021-70

**EC design test certificate no.**

: IBExU 14 ATEX 2024 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

: G IIB

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

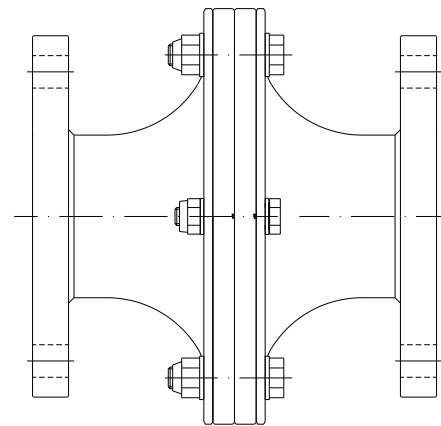
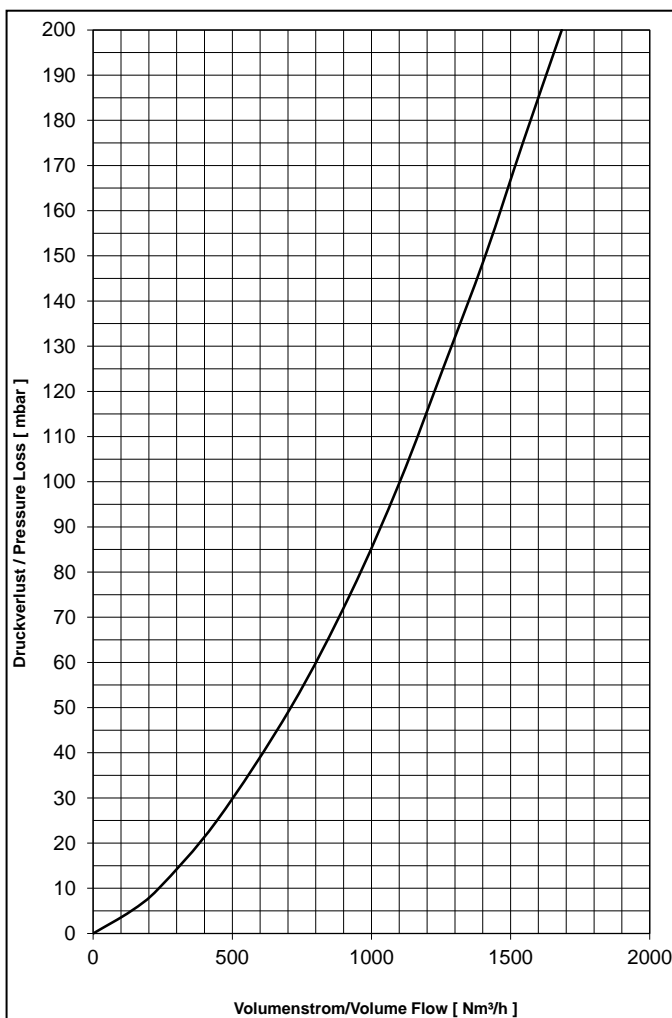
: EN1092-1 (DIN2576) PN10/16

**Thread connection**

:

**Weight**

: ~ 16,7 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF

Absolute pressure :  $\leq 1,2$  bar

Temperature :  $\leq 60,0$  °C

Nominal pipe size :  $\leq$  DN80

**Pressure loss**

**Medium Air**

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



**Inline Deflagration Flame Arrester**

: 1003-0009-70

**EC design test certificate no.**

: IBExU 08 ATEX 2068 X

**Standard gap (MESG)**

:  $\geq 0,90$  mm

**Explosion group**

:  G IIA

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

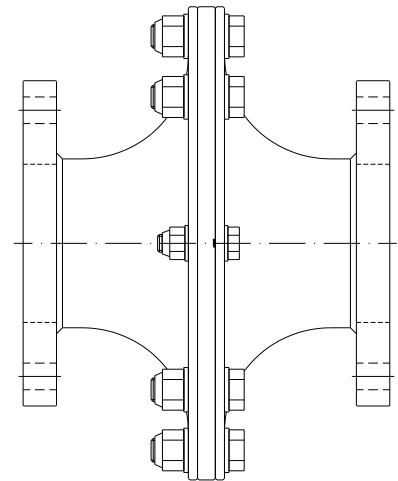
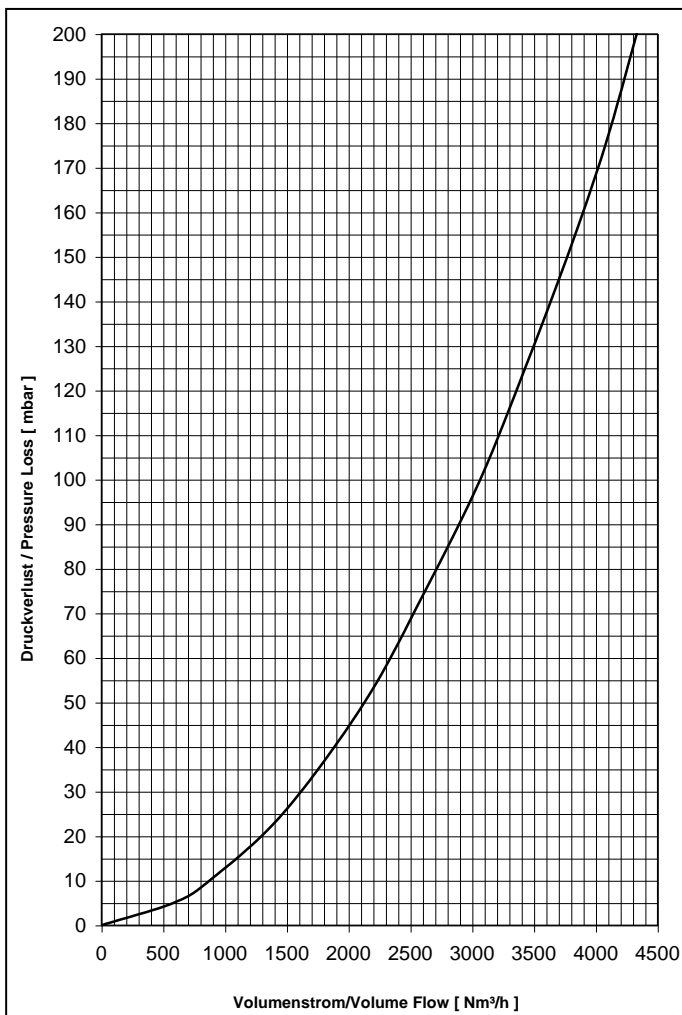
: EN1092-1(DIN2576) PN10(16)

**Thread connection**

:

**Weight**

: ~ 21,0 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN100

**Pressure loss**

**Medium Air**

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

**Inline Deflagration Flame Arrester**

: 1003-0020-70

**EC design test certificate no.**

: IBExU 14 ATEX 2024 X

**Standard gap (MESG)**

:  $\geq 0,50$  mm

**Explosion group**

:  G IIB

**Operating direction**

: Bidirektional / Bi-directional

**Flange connection**

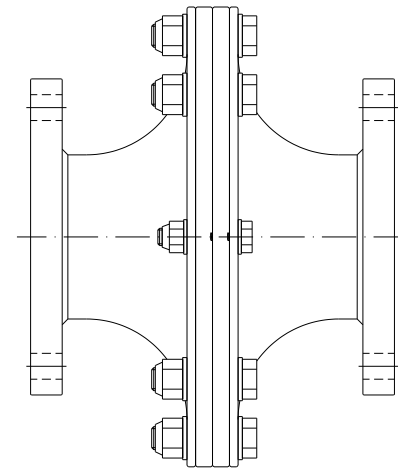
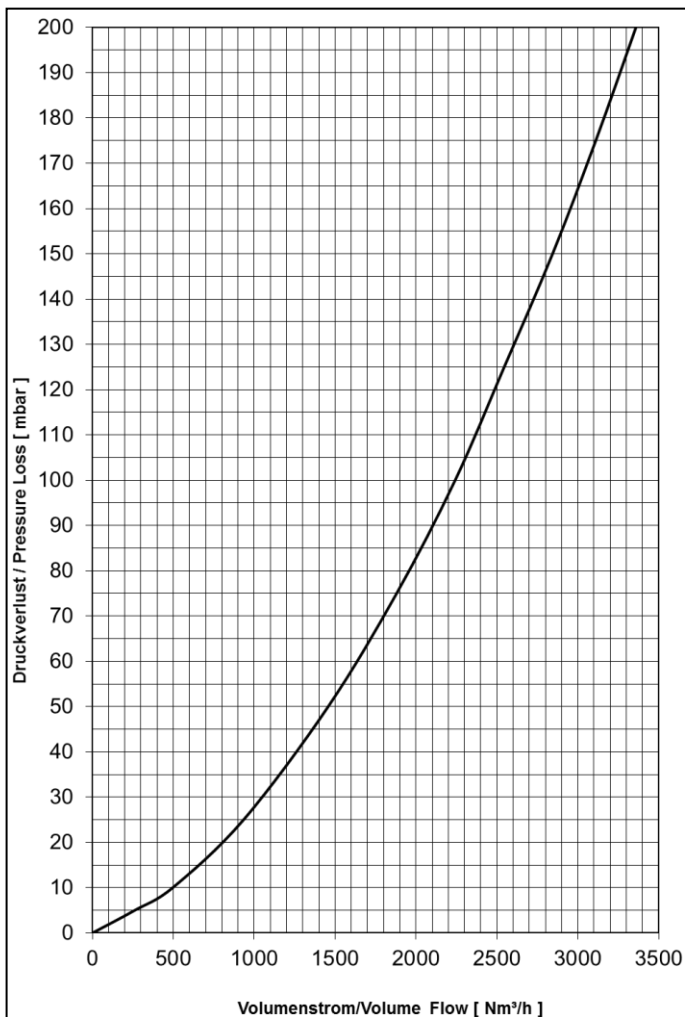
: EN1092-1(DIN2576) PN10/16

**Thread connection**

:

**Weight**

: ~ 27,2 kg



**Material**

Housing

V4A/AISI 316 range

Flame Arrester Element

1.4571 / AISI 316 Ti

O-Ring

PTFE

**Operating Data**

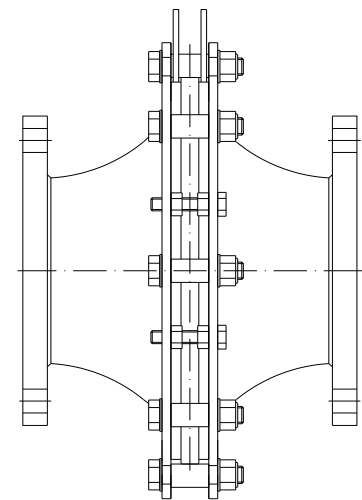
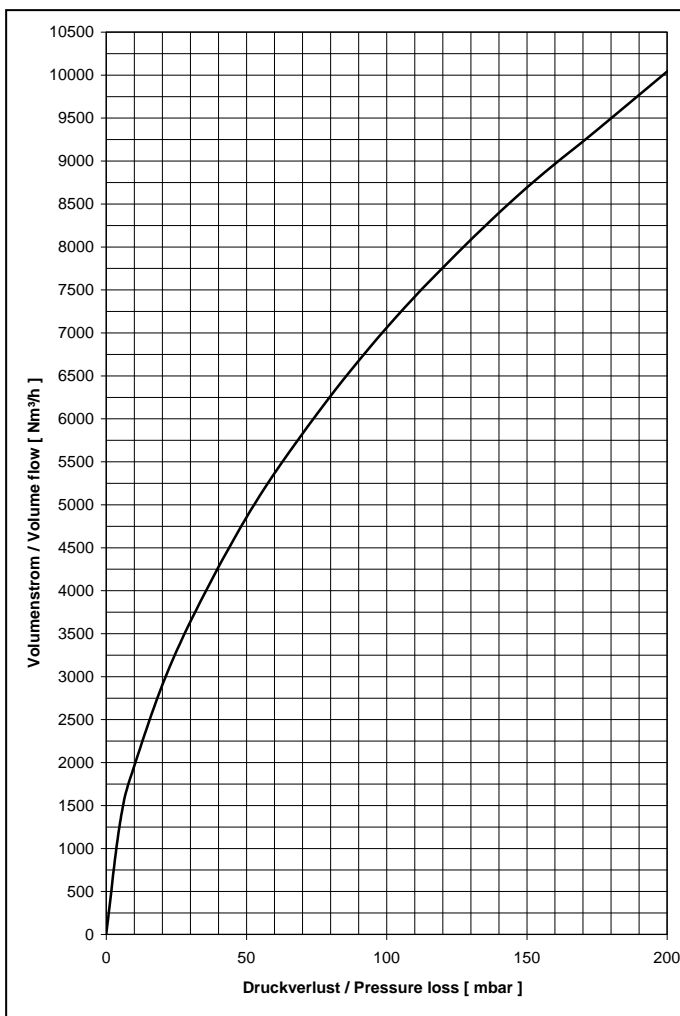
Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN100

**Pressure loss**

**Medium Air**

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

<b>Inline Deflagration Flame Arrester</b>	: 1003-0012-70
<b>EC design test certificate no.</b>	: IBExU 12 ATEX 2064 X
<b>Standard gap (MESG)</b>	: $\geq 0,90$ mm
<b>Explosion group</b>	: $\text{Ex}$ G IIA
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Flange connection</b>	: EN1092-1 (DIN2576) PN10(16)
<b>Thread connection</b>	:
<b>Weight</b>	: ~ 39,0 kg



**Material**

Housing  
V4A/AISI 316 range

Flame Arrester Element  
1.4571 / AISI 316 Ti

O-Ring  
PTFE


**Operating Data**

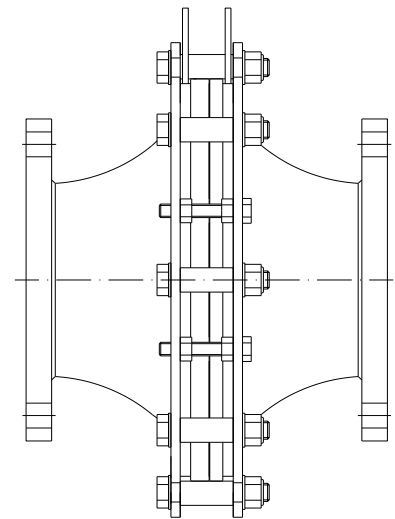
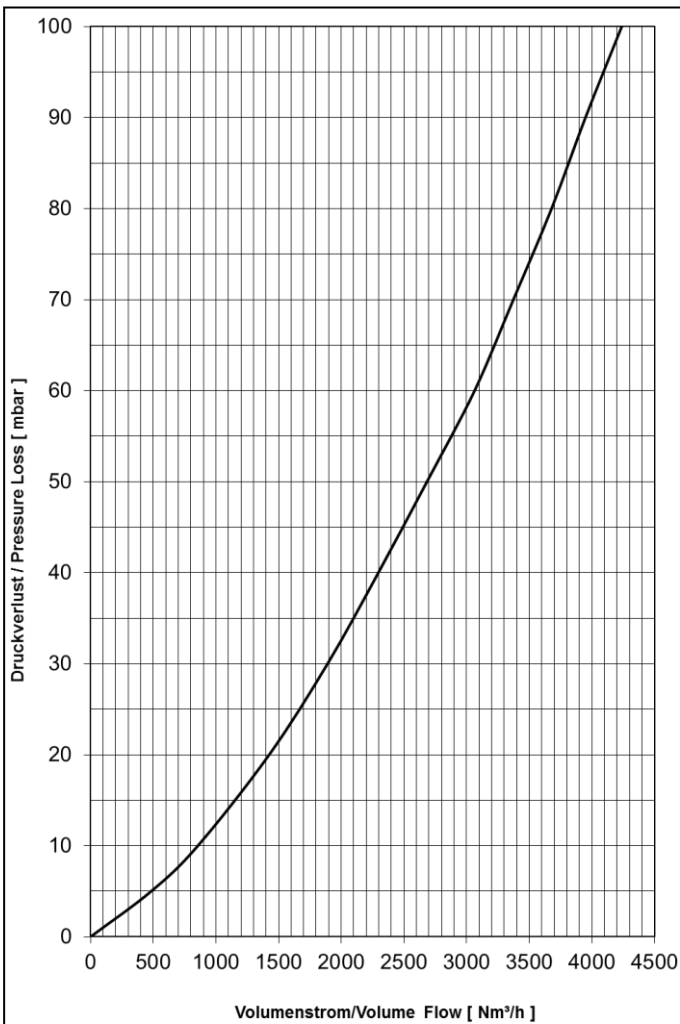
Type : DEF  
 Absolute pressure :  $\leq 1,2$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN150

**Pressure loss**

Medium Air

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

<b>Inline Deflagration Flame Arrester</b>	: 1003-0022-70
<b>EC design test certificate no.</b>	: IBExU 14 ATEX 2105 X
<b>Standard gap (MESG)</b>	: $\geq 0,50$ mm
<b>Explosion group</b>	:  G IIB
<b>Operating direction</b>	: Bidirektional / Bi-directional
<b>Flange connection</b>	: EN1092-1 (DIN2576) PN10/16
<b>Thread connection</b>	:
<b>Weight</b>	: ~ 43,0 kg



**Material**  
Housing  
 V4A/AISI 316 range

Flame Arrester Element  
 1.4571 / AISI 316 Ti

O-Ring  
 PTFE

**Operating Data**  
 Type : DEF  
 Absolute pressure :  $\leq 1,1$  bar  
 Temperature :  $\leq 60,0$  °C  
 Nominal pipe size :  $\leq$  DN150

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