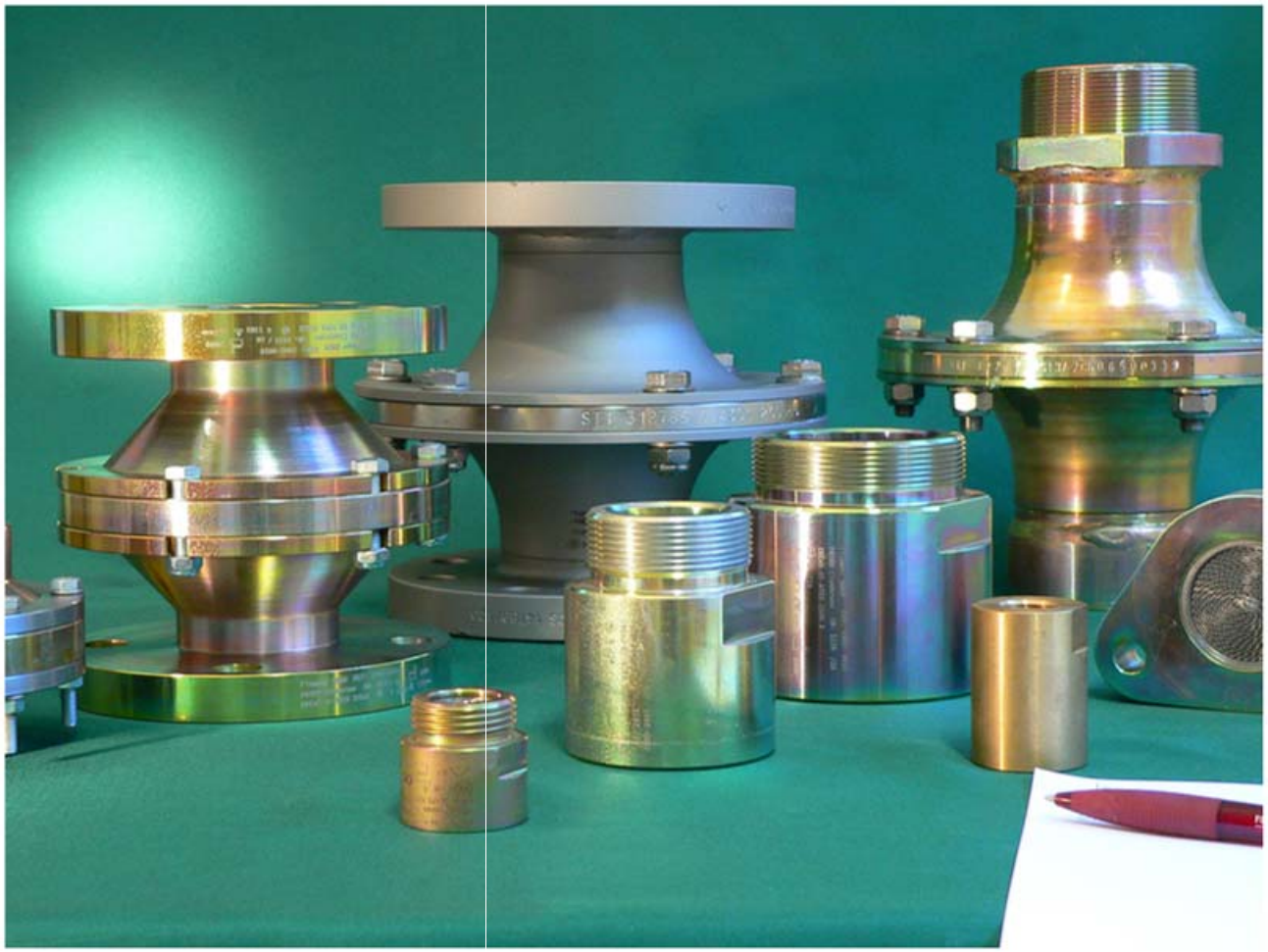

Explosion Group	DN6	DN8	DN10 1/4"	DN15 1/2"	DN20 3/4"	DN25 1"	DN32 1 1/4"	DN40 1 1/2"	DN50 2"	DN65 2 1/2"	DN80 3"	DN100 4"	DN125 5"	DN150 6"
IIA	P. 3	P. 9	P. 15	P. 21	P. 27	P. 33	P. 39	P. 43	P. 47	P. 51	P. 55	P. 59	P. 63	P. 67
IIB1	P. 4	P. 10	P. 16	P. 22	P. 28	P. 34	P. 40	P. 44	P. 48	P. 52	P. 56	P. 60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

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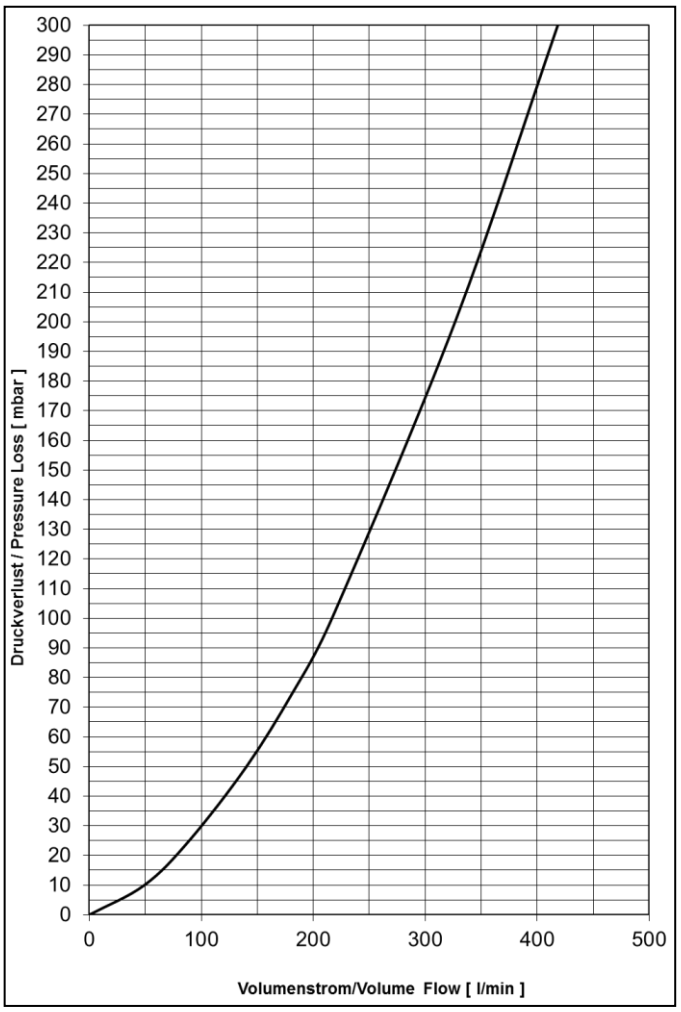
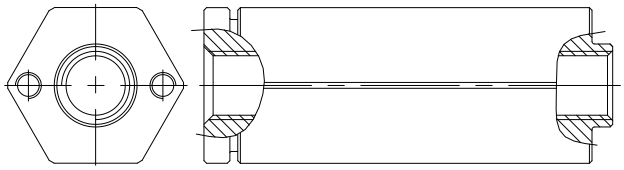
Inline Detonation Flame Arrester	:	**1002-0008-00**
EC design test certificate no.	:	**IBExU 11 ATEX 2071 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Thread connection	:	**G1/4" innen/internal ISO228-1**
Weight	:	**~ 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	:	≤ 1,3 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN15

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 04.10.2016

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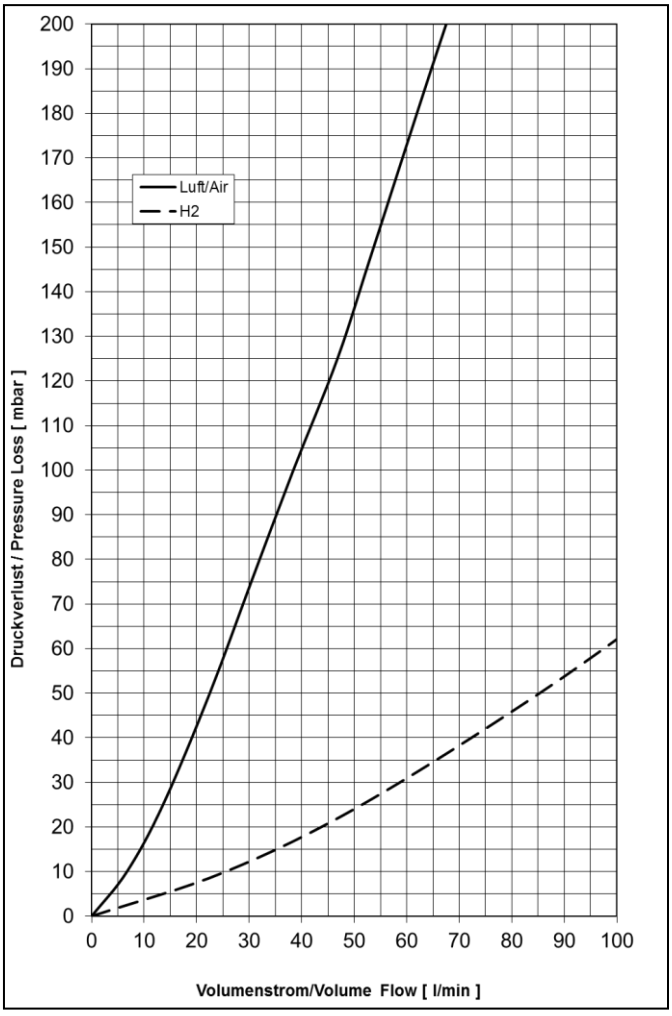
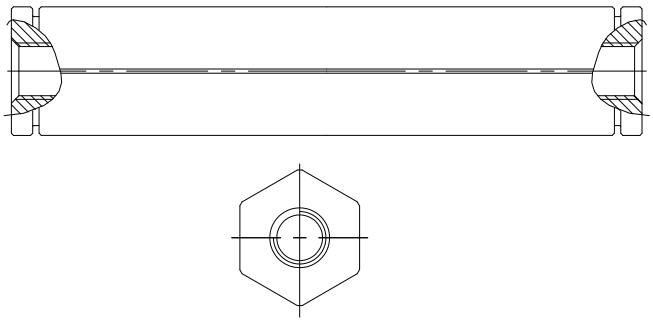
FLAMMER

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

Issue: 04.10.2016

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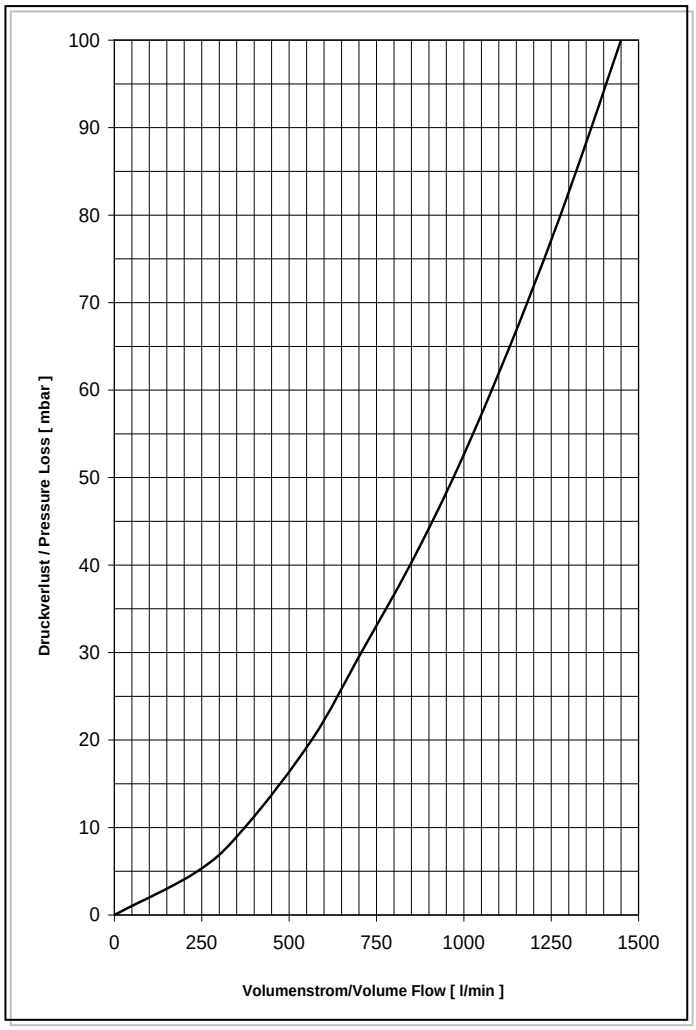
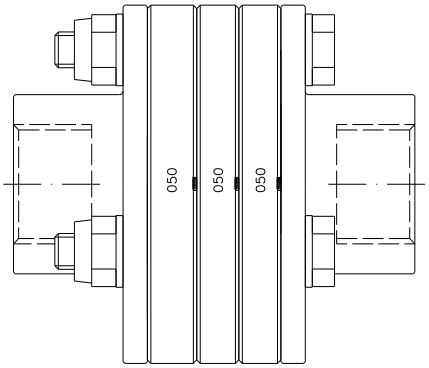
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0010-45**
EC design test certificate no.	:	**IBExU 07 ATEX 2095 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Thread connection	:	**G1/2" innen/internal ISO228-1**
Weight	:	**~ 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	:	≤ 1,1 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN15

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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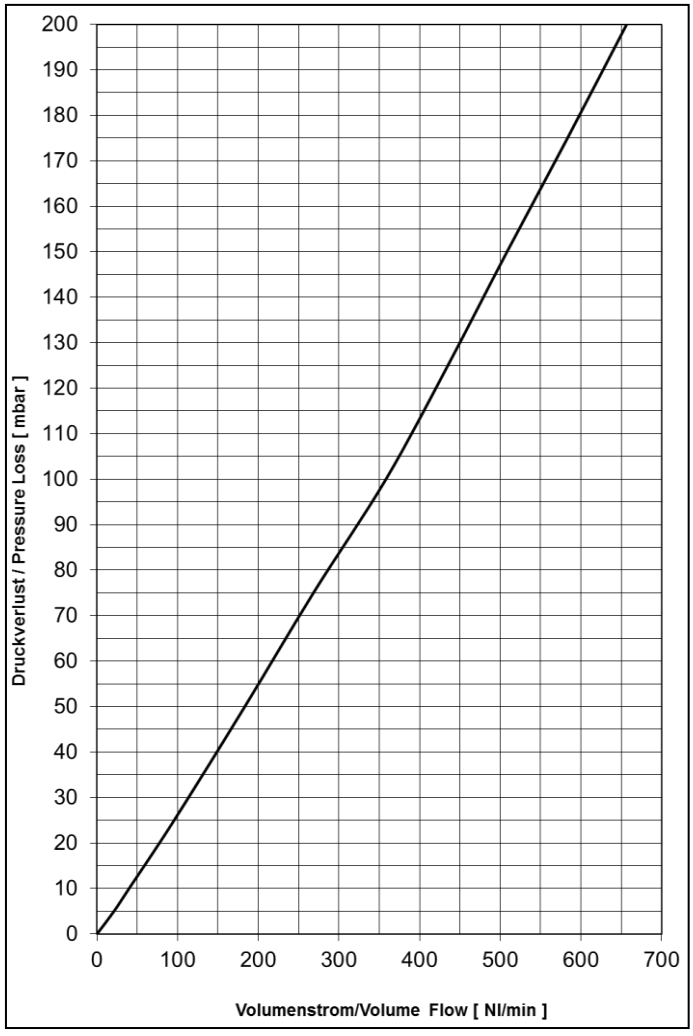
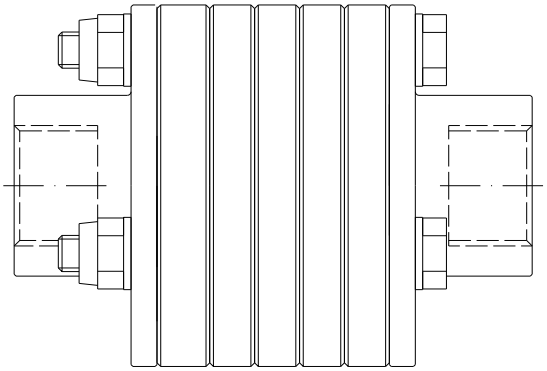
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0024-25**
EC design test certificate no.	:	**IBExU 14 ATEX 2106 X**
Standard gap (MESG)	:	**< 0,50 mm**
Explosion group	:	**Ex G IIC**
Operating direction	:	**Bidirektional / Bi-directional**
Thread connection	:	**G1/2" innen/internal ISO228-1**
Weight	:	**~ 4,88 kg**





Material

Housing
V2A/Stainless steel

Flame Arrester Element
1.4404 / AISI 316L

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

Issue: 20.10.2016

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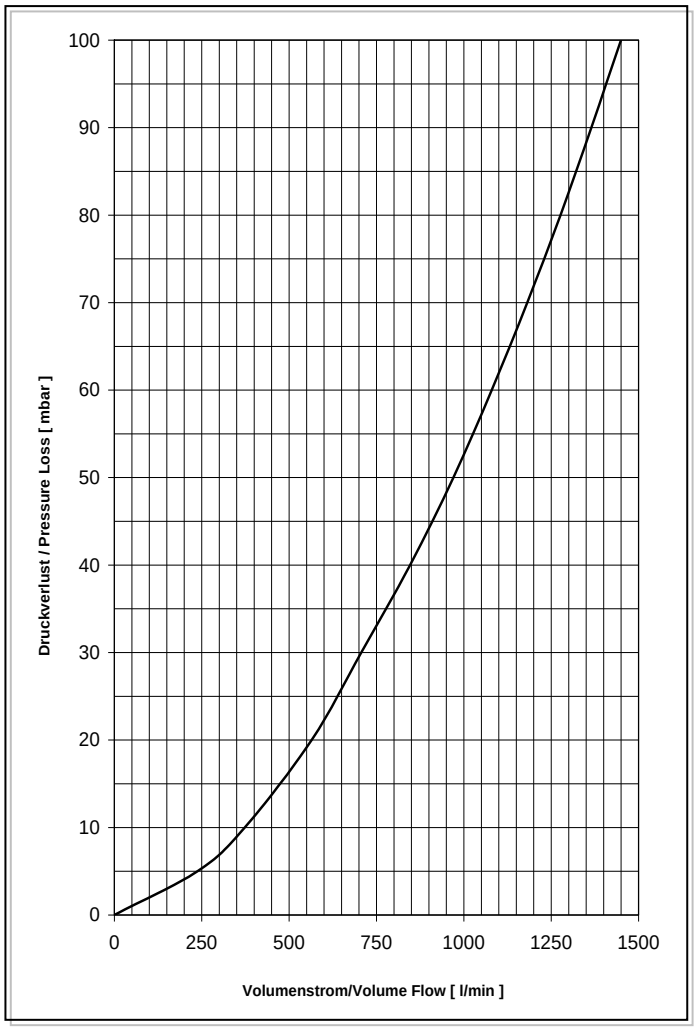
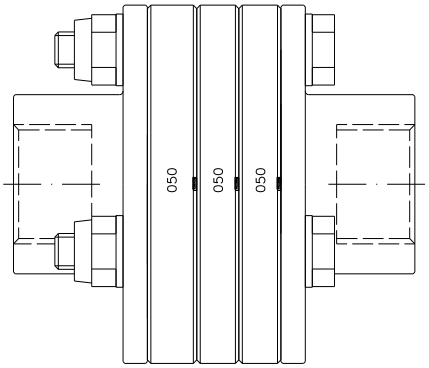
FLAMMER

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





Material

Housing
V4A/AISI 316 range

Flame Arrester Element
1.4571 / AISI 316 Ti

O-Ring
PTFE

Operating Data

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

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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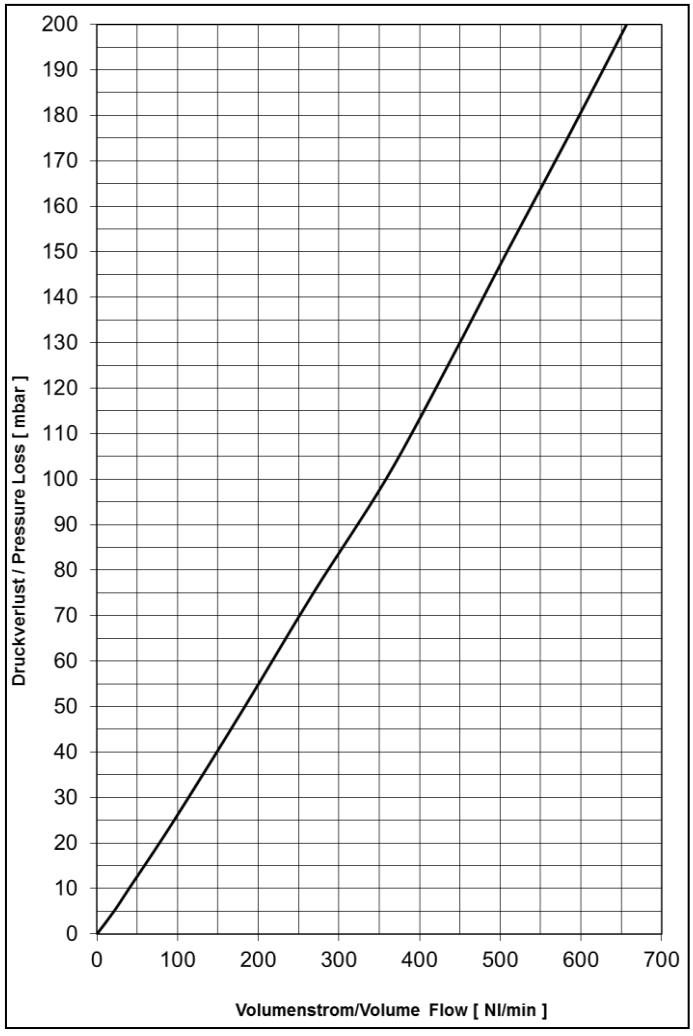
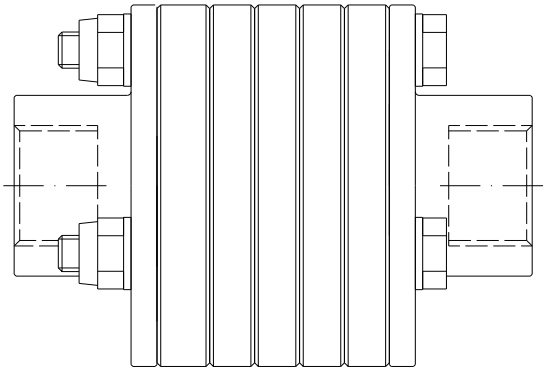
FLAMMER

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

Issue: 20.10.2016

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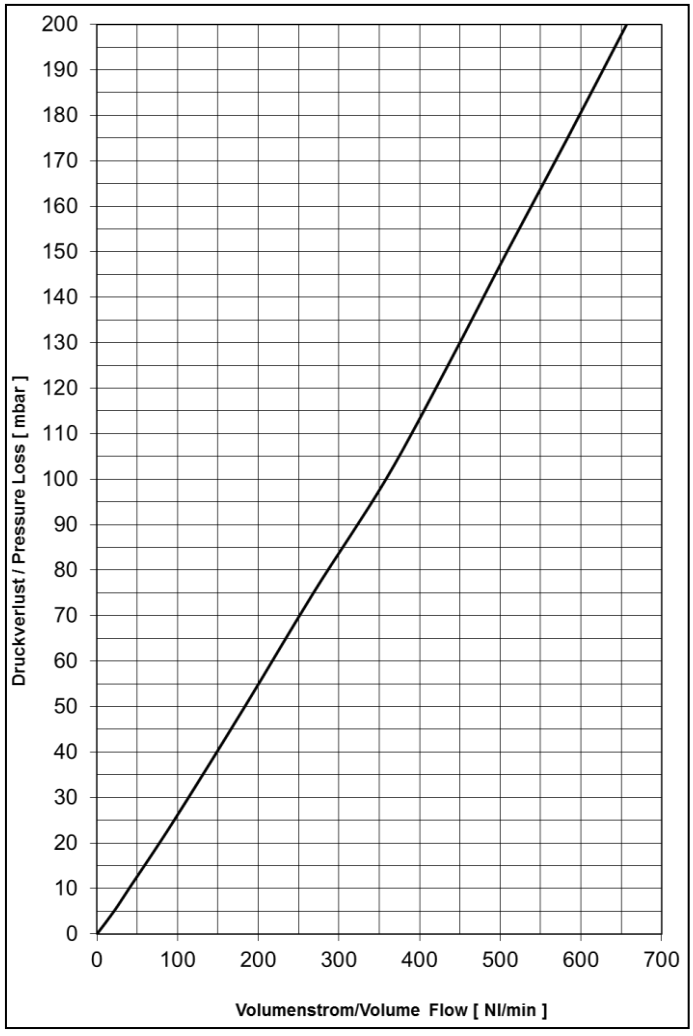
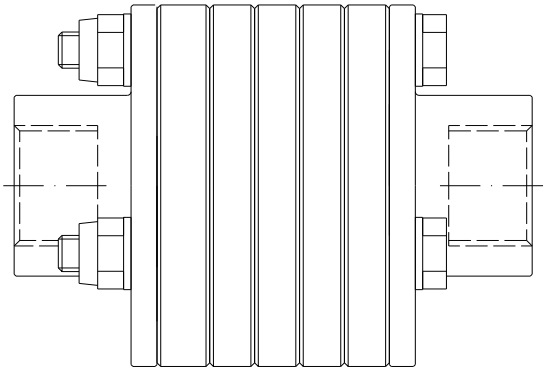
Inline Detonation Flame Arrester	:	**1002-0024-75**
EC design test certificate no.	:	**IBExU 14 ATEX 2106 X**
Standard gap (MESG)	:	**< 0,50 mm**
Explosion group	:	**Ex G IIC**
Operating direction	:	**Bidirektional / Bi-directional**
Thread connection	:	**G1" innen/internal ISO228-1**
Weight	:	**~ 4,88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

Issue: 20.10.2016

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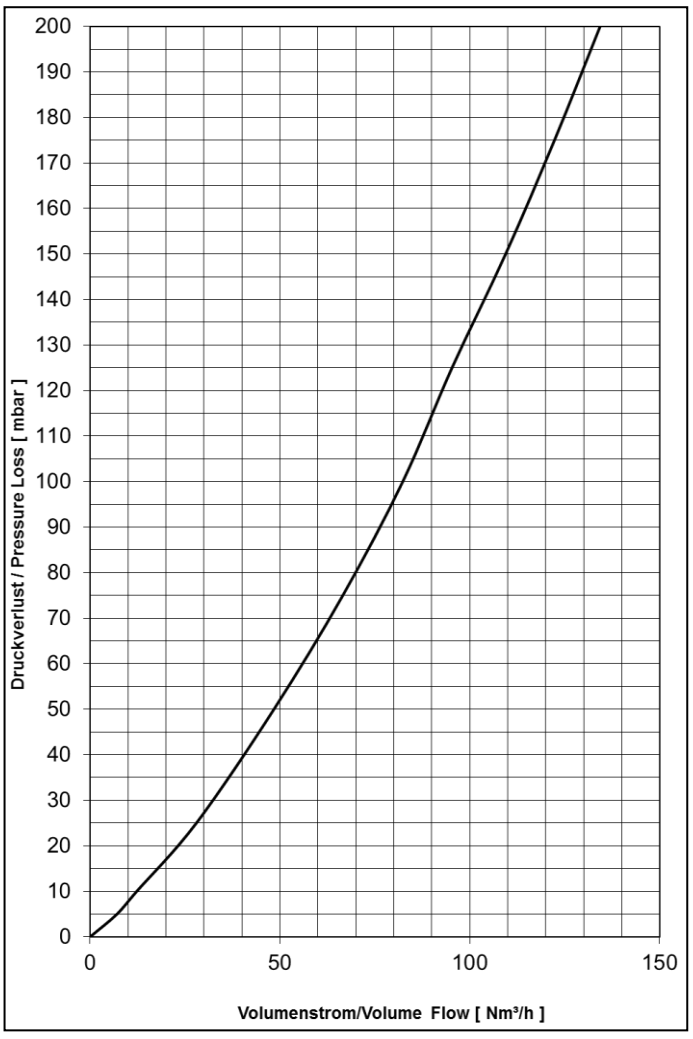
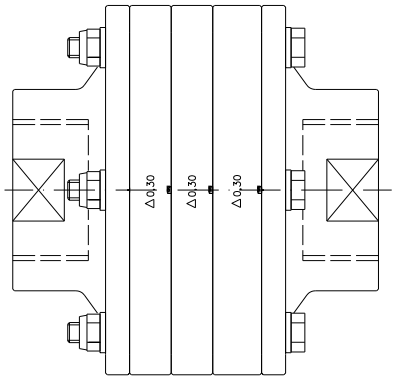
Inline Detonation Flame Arrester	:	**1002-0022-75**
EC design test certificate no.	:	**IBExU 10 ATEX 2138 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Thread connection	:	**G1 1/4" innen/internal ISO228-1**
Weight	:	**~**





Material

Housing
V4A/AISI 316 range

Flame Arrester Element
1.4571 / AISI 316 Ti

O-Ring
PTFE

Operating Data

Type	:	DET 4
Absolute pressure	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN32

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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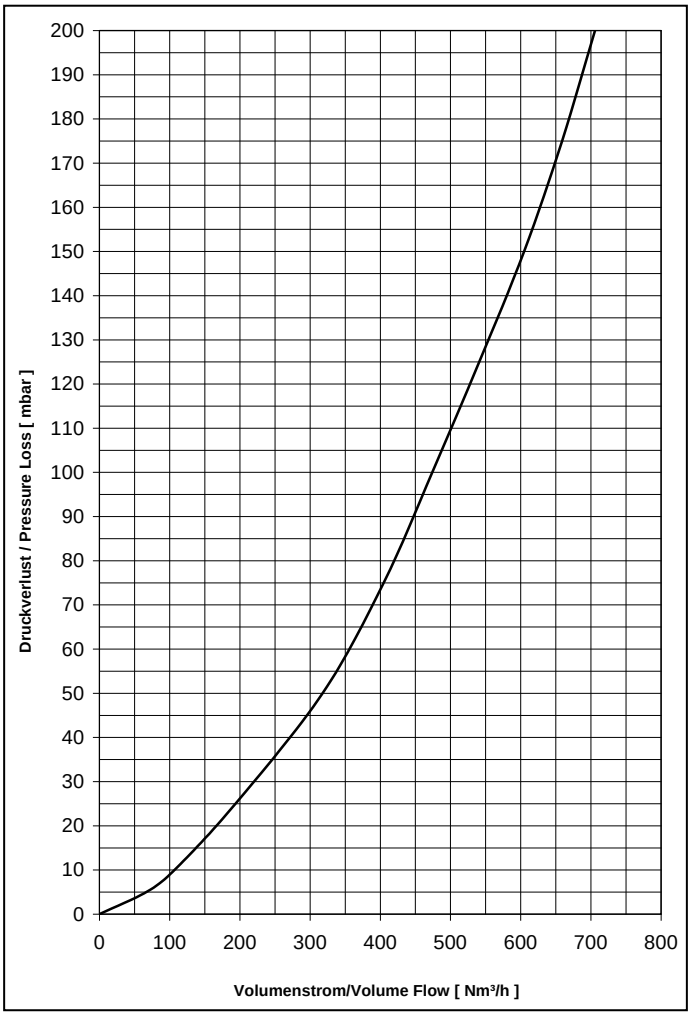
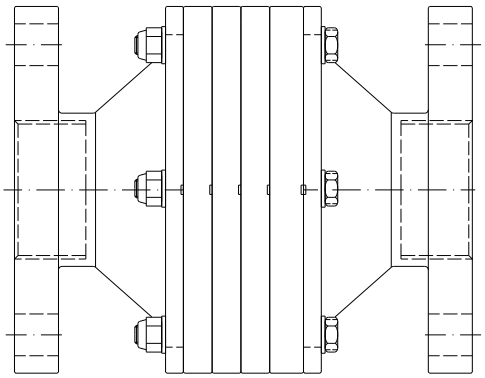
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0019-40**
EC design test certificate no.	:	**IBExU 09 ATEX 2018 X**
Standard gap (MESG)	:	**>= 0,85 mm**
Explosion group	:	**Ex G IIB1**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	**G11/2" innen/internal ISO228-1**
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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN40

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 05.10.2016

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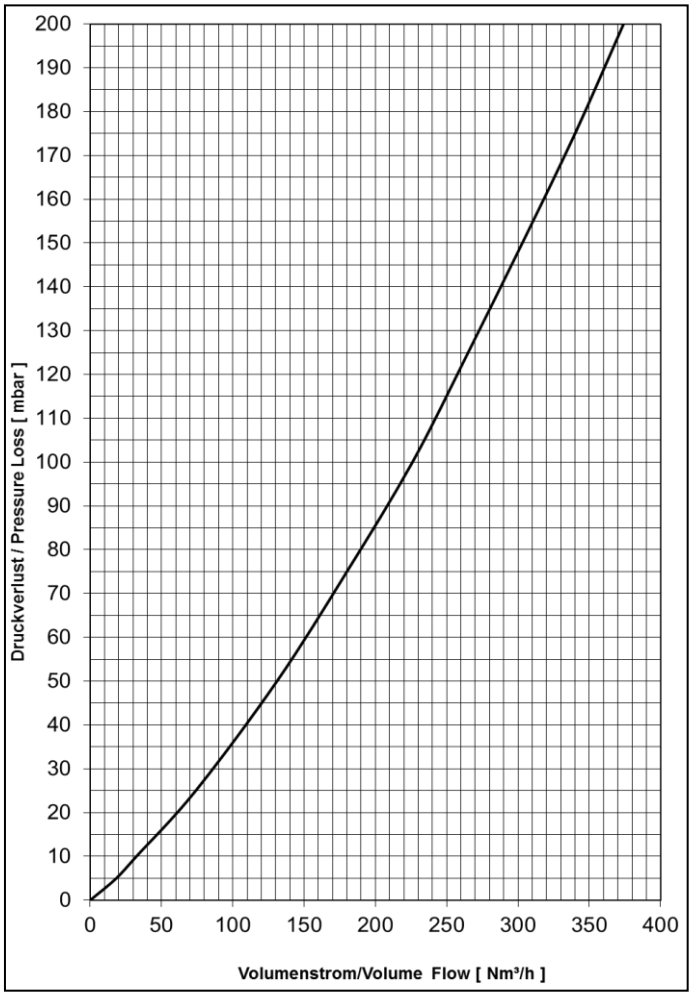
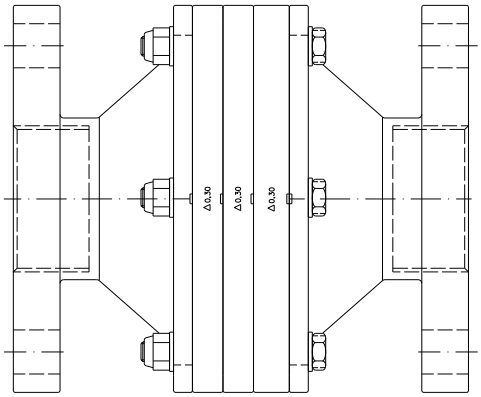
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0021-40**
EC design test certificate no.	:	**IBExU 10 ATEX 2137 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	**G1 1/2" innen/internal ISO228-1**
Weight	:	**~ 11,7 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN40

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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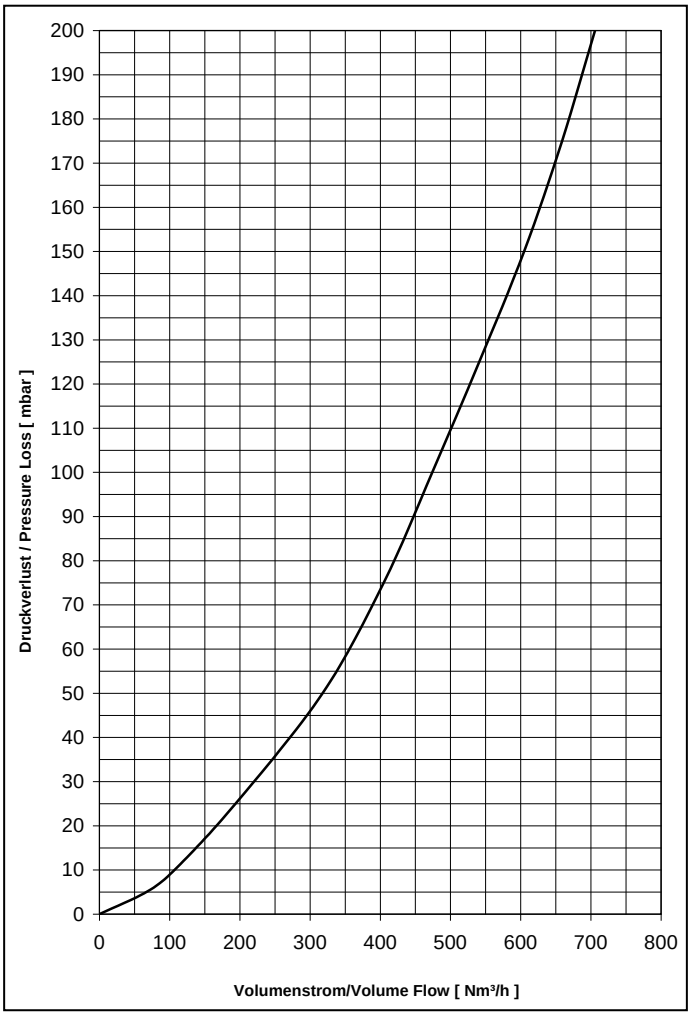
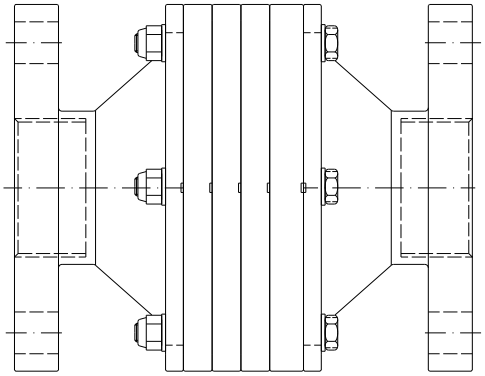
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0019-70**
EC design test certificate no.	:	**IBExU 09 ATEX 2018 X**
Standard gap (MESG)	:	**>= 0,85 mm**
Explosion group	:	**Ex G IIB1**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	**G2" innen/internal ISO228-1**
Weight	:	**~ 13,6 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN50

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 05.10.2016

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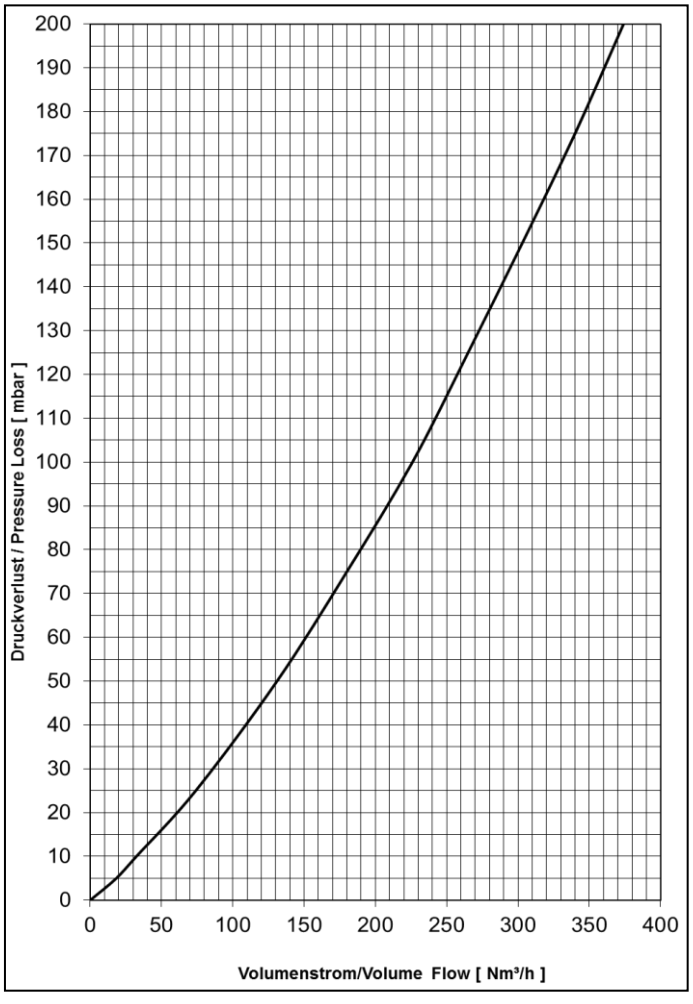
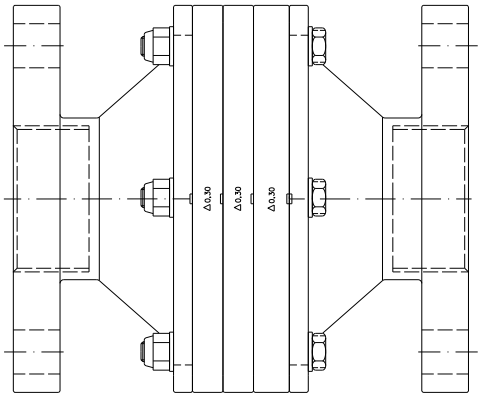
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0021-70**
EC design test certificate no.	:	**IBExU 10 ATEX 2137 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	**G2" innen/internal ISO228-1**
Weight	:	**~ 12,15 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN50

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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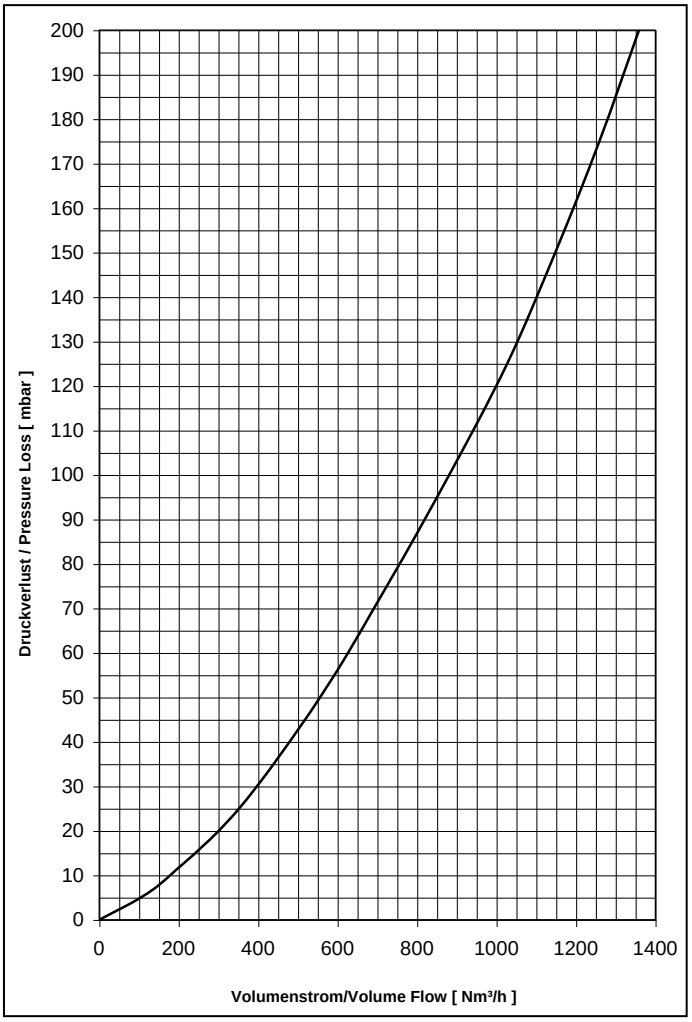
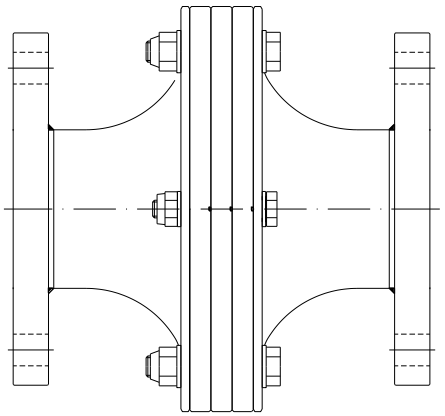
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0018-75**
EC design test certificate no.	:	**IBExU 08 ATEX 2066 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	
Weight	:	**~ 18,1 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN65

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 20.10.2016

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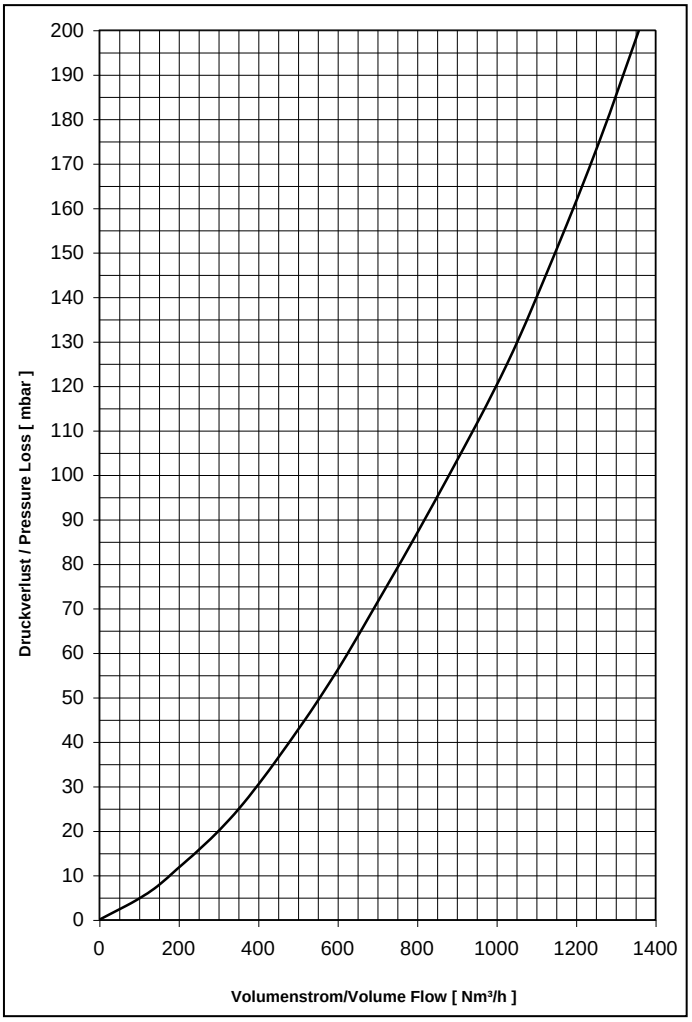
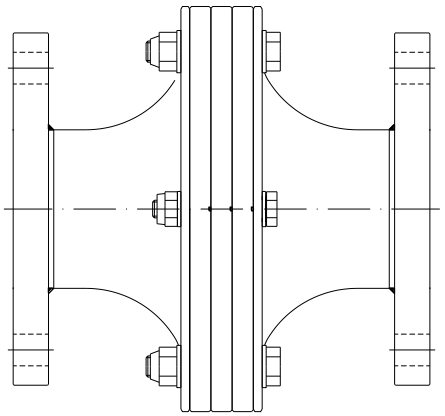
Inline Detonation Flame Arrester	:	**1002-0018-70**
EC design test certificate no.	:	**IBExU 08 ATEX 2066 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	
Weight	:	**~ 19,5 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN80

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 20.10.2016

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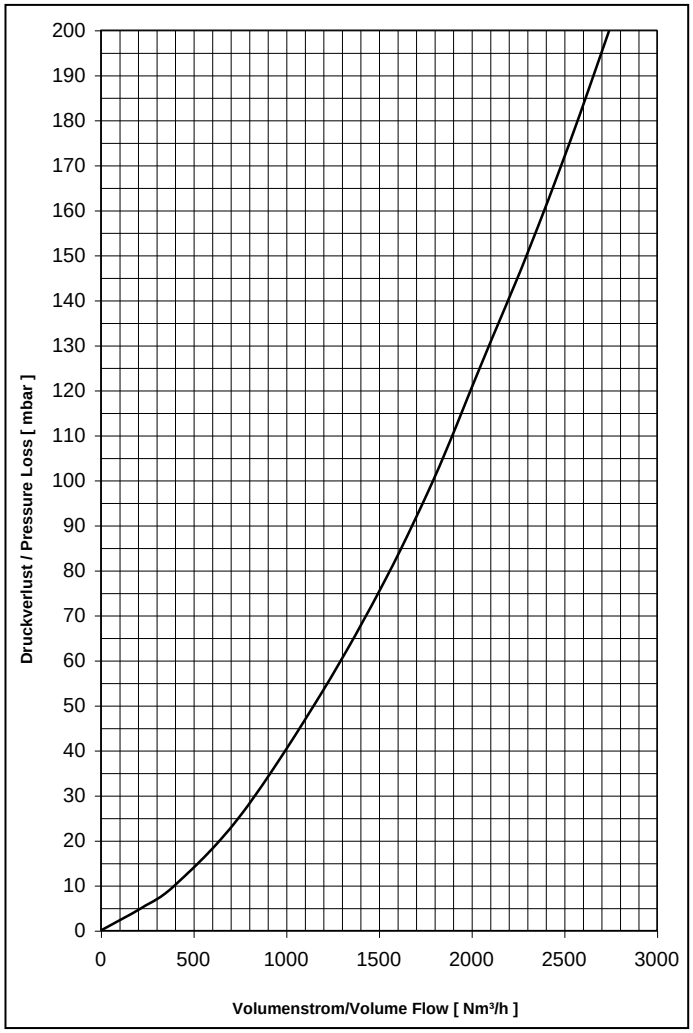
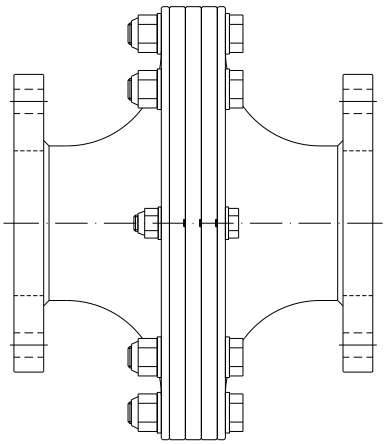
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0020-70**
EC design test certificate no.	:	**IBExU 08 ATEX 2067 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1(DIN2576) PN10(16)**
Thread connection	:	
Weight	:	**~ 34,0 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN100

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 19.09.2016

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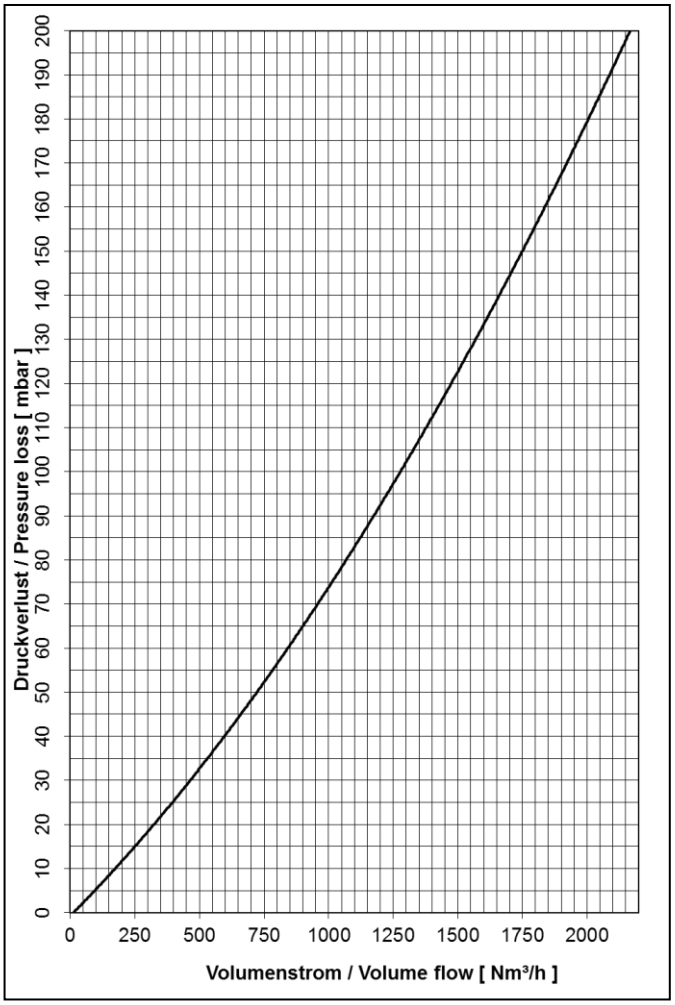
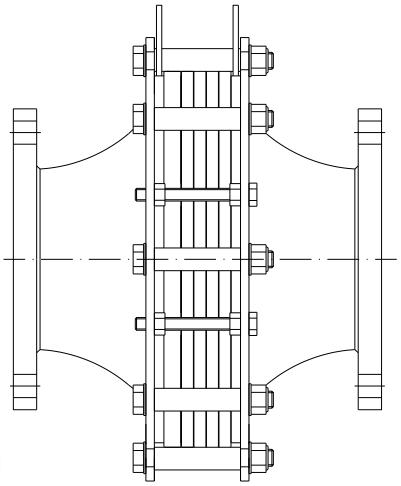
FLAMMER

Inline Detonation Flame Arrester	:	**1002-0011-40**
EC design test certificate no.	:	**IBExU 13 ATEX 2037 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1 (DIN2576) PN10/16**
Thread connection	:	
Weight	:	**~ 58,8 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN125

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 20.10.2016

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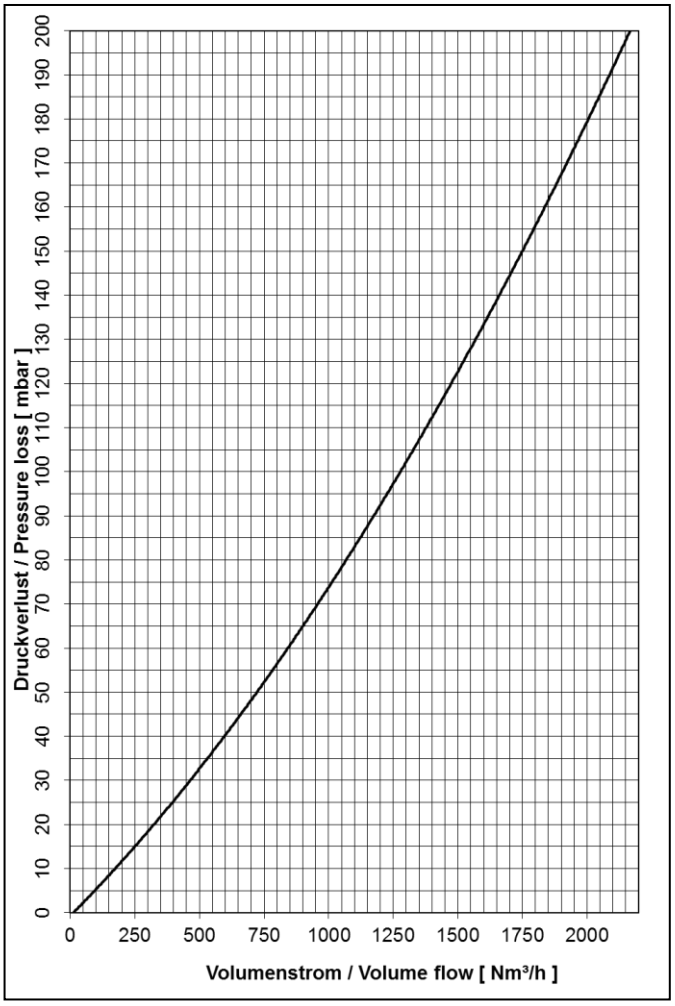
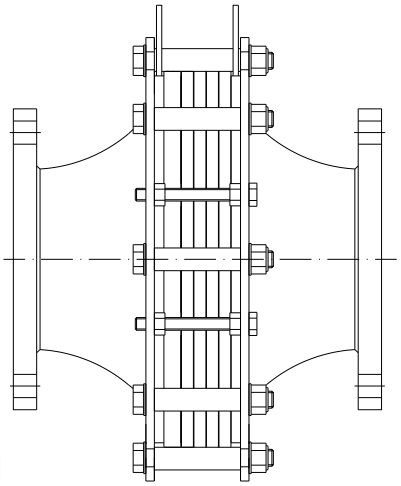
Inline Detonation Flame Arrester	:	**1002-0011-70**
EC design test certificate no.	:	**IBExU 13 ATEX 2037 X**
Standard gap (MESG)	:	**>= 0,65 mm**
Explosion group	:	**Ex G IIB3**
Operating direction	:	**Bidirektional / Bi-directional**
Flange connection	:	**EN1092-1 (DIN2576) PN10/16**
Thread connection	:	
Weight	:	**~ 62,3 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	:	≤ 1,2 bar
Temperature	:	≤ 60,0 °C
Nominal pipe size	:	≤ DN150

Pressure loss
Medium Air
po = 1013 mbar, To = 273K, density = 1,293 kg/m³

Issue: 20.10.2016