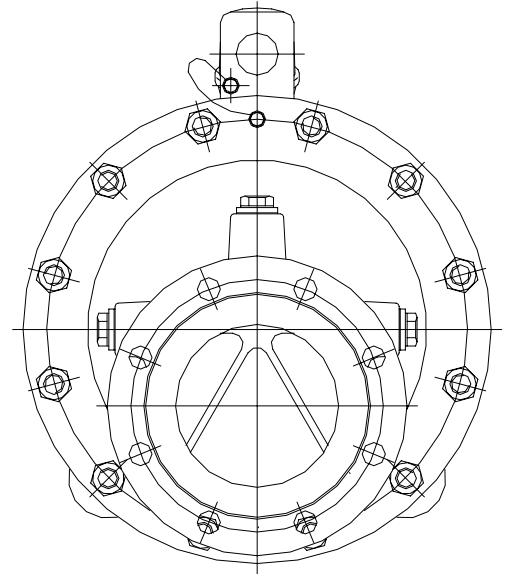
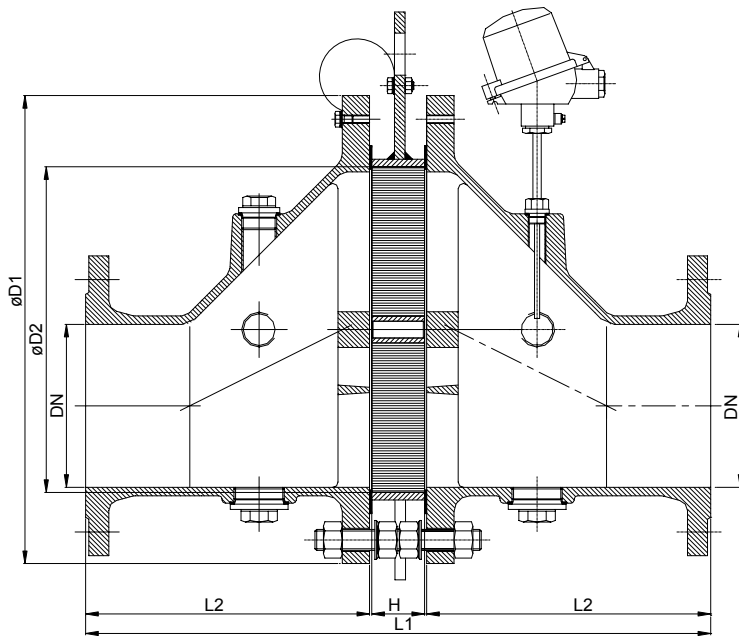
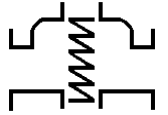


Bi-directional in-line detonation flame arrester

KITO EFA-Det-IIA-.../...

KITO EFA-Det-IIA-.../...T



size	DN	ANSI	D1	D2	L1	H	L2	kg
65	25	1"	155	70	294	50	120	
	32	1 1/4"						
100	40	1 1/2"	220	106	344	50	145	
	50	2"						
150	50	2"	285	159	404	50	175	
	65	2 1/2"						
	80	3"						
200	80	3"	340	206	506	102	200	
	100	4"						
300	100	4"	445	308	646	102	270	
	125	5"						
400	150	6"	565	388	736	102	315	
	200	8"						
500	200	8"	670	485	866	102	380	
	250	10"						
600	250	10"	780	584	1006	102	450	
	300	12"						

EG type approval
ATEX 100 a and EN 12874

CE -designation
available

Example to order :
KITO EFA-Det-IIA-300/150-T
(design with temperature
sensor)

dimension in mm

Design subject to change

For performance curves see diagram : G 0.17 N

Standard design

housing : cast steel 1.0619, 1.4408
gasket : HD 3822, PTFE
casing for grid : 1.0305, 1.4571
grid : 1.4310, 1.4571,
strip thickness 0.15 mm
bolts/nuts : galvanized steel, SS
temperature sensor : PT 100 (option)
flange connection : DIN 2501 PN 10
ANSI 150 lbs. RF

Application

For installation into pipelines to the protection of containers and components against **stable** detonation of flammable liquids and gases.
Approved for all materials of the explosion group IIA with a maximum experimental safe gap (MESG) > 0,9 mm.
Preventing flame transmission from both sides in pipelines operating under atmospheric conditions (operating pressure ≤ 1.1 bar abs).
Provided with one or two temperature sensors (PT 100) the armature is safe against short time burning from both or one side.
If only one thermal sensor is attached, it must be installed into that part of the detonation flame arrester where a fire is expected.
The installation of the detonation flame arrester into horizontal and vertical pipelines is permitted.

Other materials, special designs, heating etc. upon request.