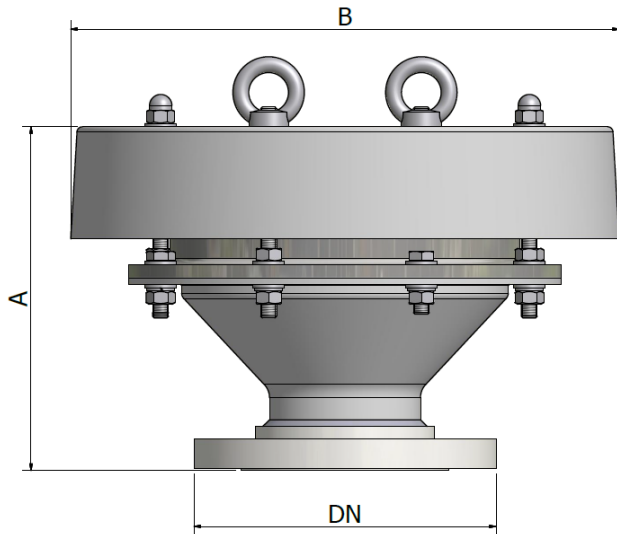


**END OF LINE DEFLAGRATIONPROOF FLAME ARRESTER**

# THE BEST SOLUTION FOR YOUR SAFETY

End of line flame arresters are employed as safety device, are designed to stop unconfined deflagrations, and protect against fire by external sources and atmospheric agent thanks to design available with weatherhood. Upon request installed on vent vacuum inlet. Arresters elements are made of corrugated strip coiled into circular housing element. This construction is named "crimped ribbon" metal. Tested and certified according to the code EN16852 and ATEX directive 2014/34/EU approved by independent, third part notified body.



## TECHNICAL DATA STANDARD PRODUCT

- » Explosion Group: IIA-IIB3-IIC
- » Sizes: 1/2" (DN15) – 3/4" (DN20) – 1" (DN25);  
1.1/4" (DN32) – 1.1/2" (DN40) – 2" (DN50);  
2.1/2" (DN65) – 3" (DN80) – 4" (DN100);  
6" (DN150) – 8" (DN200) – 10" (DN250);  
12" (DN300) – 14" (DN350) – 16" (DN400);  
18" (DN450) – 20" (DN500) – 24" (DN600).
- » Flange Ratings: ANSI 150/300/600 – UNI PN10/16/40.
- » Flange Faces: R/F, F/F.
- » Connections: Flanged, Screwed.

	DN15 TO 40	DN50/2"	DN65/2.1/2"	DN80/3"	DN100/4"	DN150/6"	DN200/8"	DN250/10"
A	155	203	227	227	261	352	395	450
B	165	234	345	345	415	550	700	870

	DN300/12"	DN350/14"	DN400/16"	DN450/18"	DN500/20"
A	500	560	607	874	874
B	1050	1250	1400	1130	1130

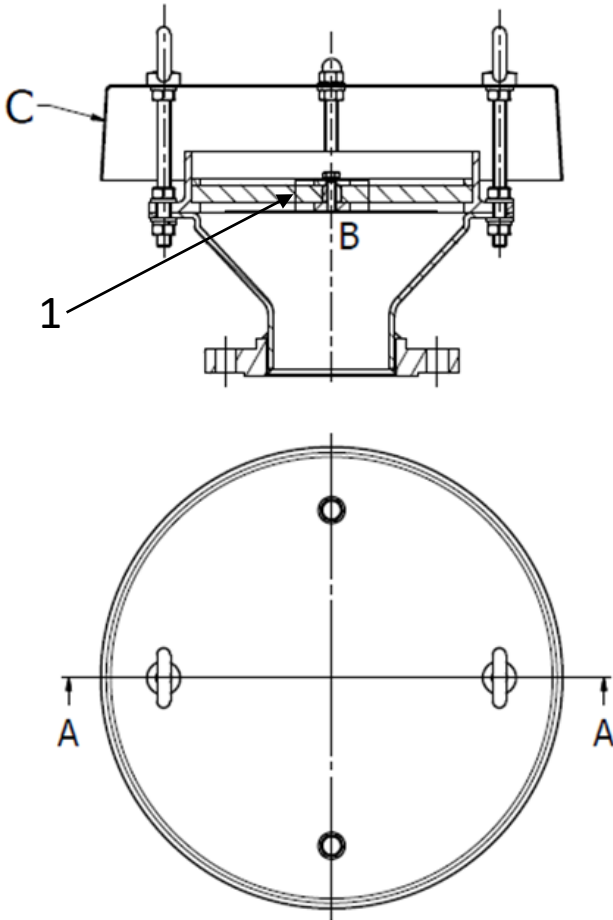
All measurements are expressed in mm (international metric system S.I.), the dimension "A" provided in the table is valid only if the flame arrester has only one element, therefore it depends on the quantity of elements expected in the ATEX certificate. For greater dimensional accuracy ask for the detailed drawing of the selected product.

## MATERIAL OF CONSTRUCTION

Housing	F.A. Element	Terminal body	Rainproof
Stainless steel	316 Stainless	Stainless steel	316 Stainless
Carbon steel		Carbon steel	
Hastelloy C276	Hastelloy C276	Hastelloy C276	Hastelloy C276
Other exotic material		Other exotic material	



# TECHNOLOGY OF END OF LINE DEFLAGRATIONPROOF FLAME ARRESTER



## VIEW-B

The flame arrester block consists of several elements "1" (indicated in the ATEX certificate) with different features according to the various operating conditions.

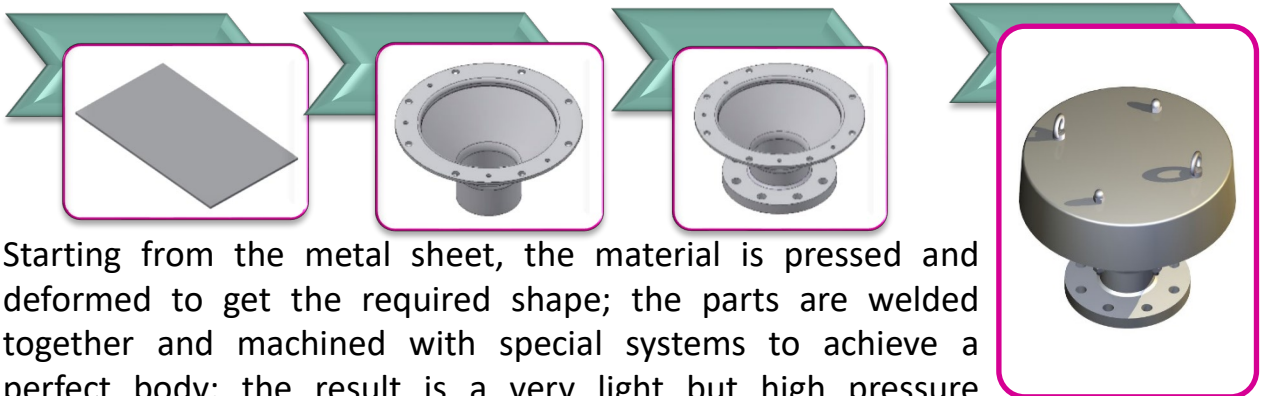
## C-RAINPROOF

the rainproof is made from a thin sheet of steel, which gives it strength but at the same time reduces the overall weight of the flame arrester, subsequently worked, which protects from rain and external agents.

## PROBE CONNECTION

On request it's possible to implement a flanged or threaded connection for temperature or pressure probe.

## A NEW MANUFACTURING METHOD FOR THE HIGHEST QUALITY



Starting from the metal sheet, the material is pressed and deformed to get the required shape; the parts are welded together and machined with special systems to achieve a perfect body; the result is a very light but high pressure resistance housing. The raw materials come from Europe and we are the only one providing a 100% Italian manufacturing.



## **HISTORY**

INNOVA s.r.l. is an Italian metalworking company founded in October 2018.

The company was established to expand the SAIAPCK s.r.l. with the acquisition of the TANK PROTECTION DIVISION, branch of FNC.

SAIAPCK s.r.l., founded in 2012 with headquarters in MILAN (already a purchaser of the activity of BIMEC snc, founded in 1983), expert in precision machining and industrial automation. TANK PROTECTION DIVISION, specialist in the production of valves and systems for the protection of tanks and plants of low pressure.

INNOVA srl, despite being a young company, for its activity, it can immediately trust the professionalism, competence and experience of the staff of the two old companies and the reputation of their products on the market.

The fusion of the technological and mechanical know-how of SAIAPCK and the product and market know-how of TANK PROTECTION DIVISION has resulted in a perfect combination for worldwide development.

## **PRODUCTS**

Currently the company is able to provide processing and assembly services for third parties through the OMAW division as well as propos-

als and solutions for industrial automation; the FNC VALVES division manufactures innovative products for the safety of storage facilities such as breather valves, flame arresters and a wide range of accessories for tanks and gas lines.

## **QUALITY**

The company is ISO9001 and ATEX 2014/34 / UE certified with more than 250 type certifications according to ISO16852 in addition to the innumerable certifications related to the different applications (PED, DNV-GL, TR-CU, etc.).

## **MISSION**

Providing real improvement proposals through innovation to satisfy customers by differentiating from commodities and low cost alternatives; expanding the business globally through rapid but structured growth, creating profit through process improvement and the satisfaction of all stakeholders with a particular focus on the quality of life of employees.

## **VISION**

Excellence in service for automation and world leadership in the production of safety devices for plants.

## **INNOVA SRL**

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