

FNC-INNOVA TANK PROTECTION PRODUCTS-ITALY

- **Flame Arresters-End of Line.**



*End Of
Line*

Sizes 1" to 16" in Carbon steel, stainless steel,, additional metals and coatings.

Flange rating to ANSI 150, PN16 and Explosion groups I-IIA,II B,IIB1,II B2,IIB3

And manufactured to comply with requirements of Directive 94/9/EC, and Tested to ISO 16852.

- **Bi-Directional Inline Deflagration Flame Arrester**

Sizes 1" to 20 " in Carbon Steel, Stainless steel and additional metals and coating



- **Bi-Directional Flame Arrester –Inline Stable, Unstable Detonation**

Sizes 1" to 16" in Carbon Steel, Stainless steel, additional metals/coatings

Flange rating: ANSI 150,PN16



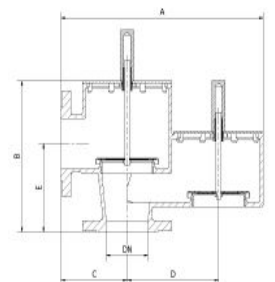
- **Tank Breather Valves/TFE Lined.:**

Sizes 4" to 8" in Aluminium, Carbon Steel, Stainless steel, Additional Metals and Coating.

Setting Pressure: +2.5 mbar to +50 mbar

Setting Vacuum -2.5mbar to -30 mbar

Flange Rating: ANSI 150,PN16..



- **Tank Pressure Relief Valves**

Weight loaded vents designed to prevent tank deformation caused by increase in tank internal pressure.

Sizes 1" to 14" in Carbon Steel, Stainless Steel, additional metals/coatings.

Setting Pressure: +2.5 mbar to +50 m bar

Flange rating: ANSI 15,PN16



Manufacturing ATEX Facility tested in according with API2000

- **Tank Vacuum Relief Valves**

Weight loaded vents to designed to prevent tank deformation

Size: 1" to 14". in Carbon Steel, Stainless steel, additional metals/coatings.

Setting Pressure: - 2.5 mbar to -50 mbar and upon request to -450- mbar

Flange rating:ANSI150,PN10,PN16.



- **Vent-Line/In-Line Flame Arresters**

These Flame arresters are at time mounted directly upstream OR Vacuum inlet of Breathers, Vents.

Size: 2" (50 mm) to 14" (350 mm)



- **Emergency Vents**

Sized to provide emergency relief due to overpressure from tank inside.

When internal pressure is beyond the capacity off breather vent.

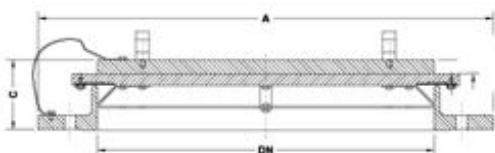
To be used also as "manhole" with sizes 20"-24"

Venting requirements can be calculated using API2000.

Available also weight loaded hinged arm design.

Sizes: 10" to 20" to 24" Weight Loaded

Constructed: carbon steel, stainless steel, additional metals and coatings



Setting Pressure: +30mbar max
Flange rating: ANSI 150, PN10, PN16



- **Gauge hatches**

Hatches are made in model: type "LP" sealed closing hatches, to keep inside the tank pressure beyond 50-70 bar.

Sizes: 4" to 8"

Construction: Aluminium

ANSI 150 LBS, PN16

Flanges Faces: FF

Construction :Flanged

