

SAFETY NOT RETURN VALVES Ø 800

CERTIFIED

CE FSA 18 ATEX 1682 X



The safety not return valves, **ARE CERTIFIED ATEX EN 15089 - 16447** against the propagation of the explosion in the suction's line.

A suitable counterweight allows the balancing of the 2 diaphragms for a regular opening and closing, **equipped with safety's anti opening block**. The high functionality and efficiency of closure permit to fit it at a very short distance from the point of possible explosion (silos, filter, container) 3 meters. Built in carbon steel painted **RAL 3020** or **stainless steel AISI 304**, **welded in all the unions** and reinforced structure to sustain an high pressure, standard production with smooth flanges and counter flanges our standard.

A seal Aerstop EPDM ensures held in closed position.

Equipped with slots to support the consistent weight.

TECHNICAL DATA:

Horizontal pipe

Temperature range: from -20°C to $+80^{\circ}\text{C}$

Process Flux: pull flow

Range of applicable volumes: from 10 m^3 to 60 m^3

Protection method of connected vessel: pipe structure to support 0,25 bar

$P_{\text{max}} = 9\text{ bar}$

$P_{\text{red,max}} = 0,25\text{ bar}$

MIE: 3/10 mJ (measured with inductivity)

MIT = 420°C

Max dust concentration in duct of SNR: $<4\text{ LEL}$

$L_{\text{min}} = L_{\text{max}} = 6\text{ m}$ (min and max installation distance)

Inclination of the diaphragm of the Valve: 25° - 61 to 65°

Explosion resistance of the Flap Valve: 850 mbar

ACCESSORIES ON DEMAND

Microswitch close position

Capacitive sensor of inside material stopped

Gasket in siliconcell

ØSNR	A	B	C	D	E	F	G	H	Kg
800	980	1005	1330	1435	660	660	480	715	330

