

VENTO MODEL 3200

VENTO MODEL 3200 IN-LINE FLAME ARRESTER (HORIZONTAL)



All flame arresters have the same working principle. The aim is to remove heat from the flame as it passes through the corrugated metal strip layers of the flame and to allow gas to pass through the flame extinguishing. Flame arresters are passive devices without moving parts and protect systems from the potentially disastrous effects of an explosion.

Flame arresters are manufactured differently according to installation, working conditions and explosion groups (MESC/Maximum Experimental Safe Clearance).

Flame arresters are used in various applications such as oil, gas, petrochemicals, pharmaceuticals, biofuels and treatment plants.

(ATEX) Our approved products are manufactured in our country and tested and approved in accordance with European Standard

EN ISO 16852: 2016
DIRECTIVE 2014/34/EU.

FEATURES:

Vento model 3200 series in-line flame arresters are designed to prevent the spread of flames in piping systems. By placing the flame arrester near the source of possible ignition, any flame or explosion is limited in that area and the line is secured. The eccentric housing design prevents fluid build-up in wet gas applications and allows installation close to the floor.

- Maximum operating temperature **+60 ° C**
- Easy to clean, replaceable curved strip elements
- Exceptional flow capacities with minimum pressure drop
- Sizes and materials to suit a wide range of applications
- Flanged and threaded options
- Ease of installation and lightweight
- Standard protection wires
- Easy maintenance

TECHNICAL

SPECIFICATIONS:

Sizes : 50 mm (2") - 300 mm (12")

Material : Aluminum - Carbon Steel - Stainless Steel

Flang : ANSI/ DIN

Flame Arrester: Standard AISI 316 L Crimped Ribbon

TEL: +90 216 361 65 18

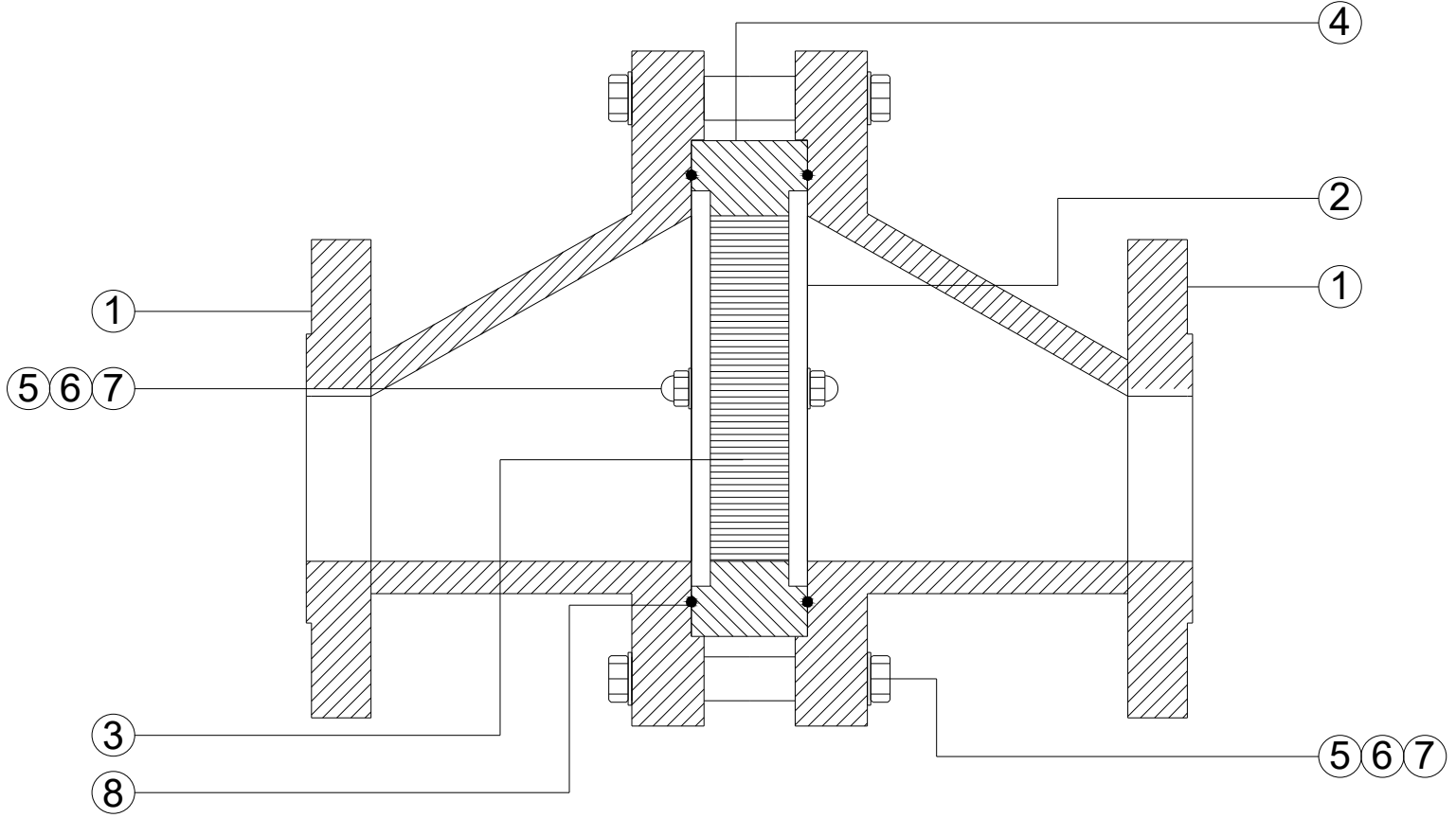
EMAIL: vento@vento.com.tr

VENTO PV
ENDÜSTRİYEL VALF SAN. ve
TİCARET LTD. ŞTİ.

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STANDARD MATERIALS OF CONSTRUCTION

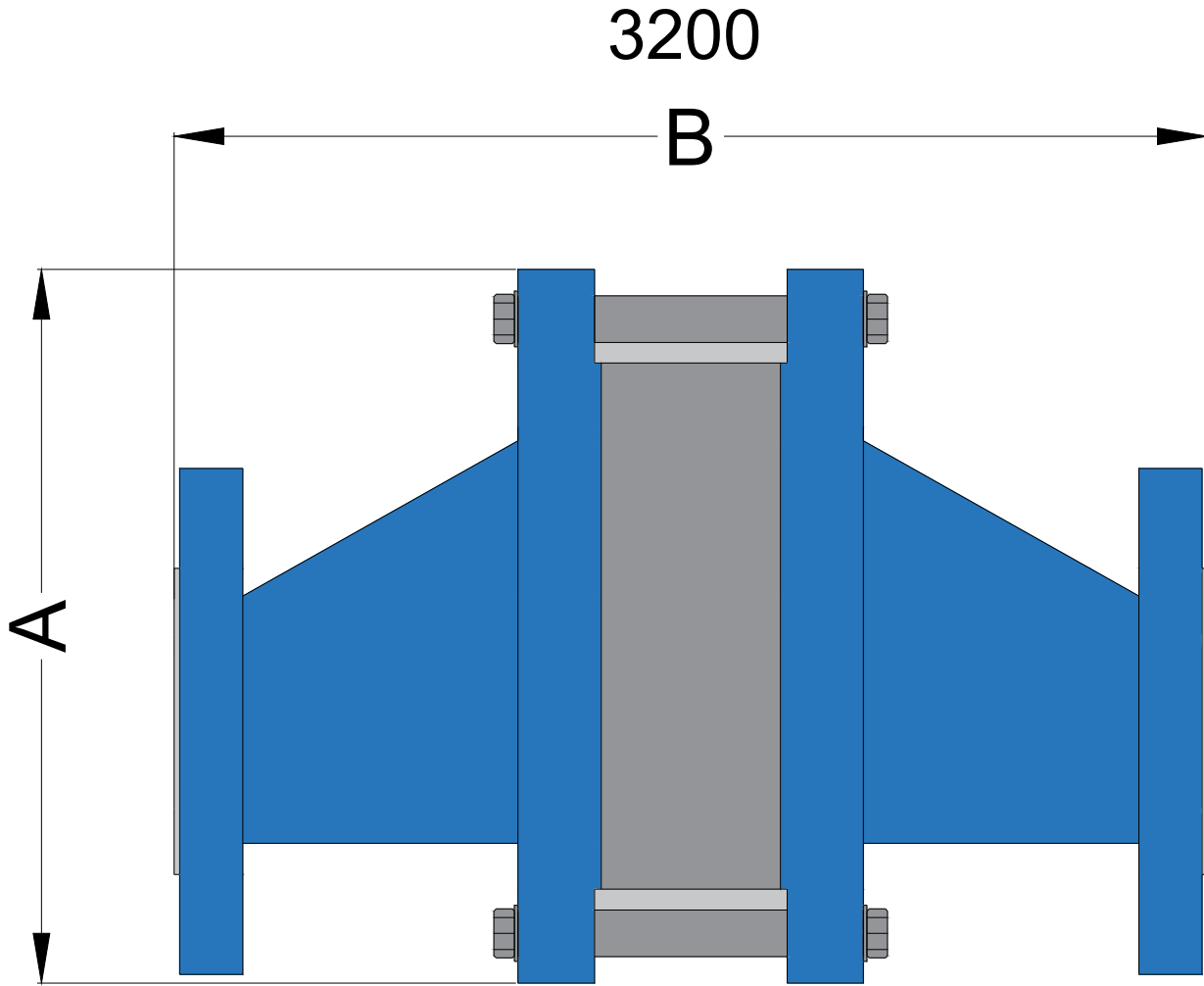
ITEM	DESCRIPTION	PART LIST
1	BODY	AL-CS-SS
2	HORIZONTAL FLAME ARRESTER RING	AISI 316 L
3	HORIZONTAL FLAME ARRESTER	AL-CS-SS
4	HORIZONTAL FLAME ARRESTER HOUSING	AISI 304
5	BOLT	AISI 304
6	WASHER	AISI 304
7	NUT	AISI 304
8	ORING	NEOPREN / VITON

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DIMENSIONS

INCHES	DN	A	B
2	50	215	290
3	80	280	340
4	100	330	390
6	150	450	545
8	200	560	630
10	250	670	680
12	300	780	700

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