

FLAME ARRESTER Section 2.8

DETONATION PROOF FLAME ARRESTER

KSEB END OF LINE DEFLAGRATION FLAME ARRESTER (GAS GROUP: IIB)



Benefits

- Meet USCG, IMO MSC/Circ,677 & EN ISO 16852 requirements
- Designed for end of line flame arrester
- Maximum Capacity & Minimum Pressure drop
- Quick & Easy removable element
- Very easy cleaning & maintenance
- Available vertical installation
- High quality corrosion & chemical resistance
- Protected from external flame during 120 min.

■ Introduction ■

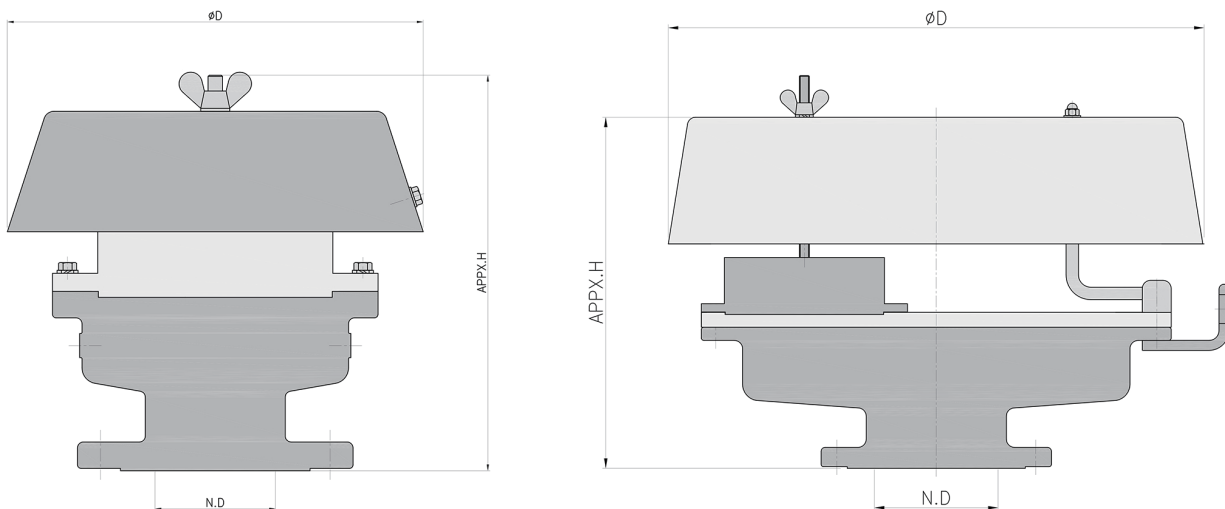
- The model KSED end of line flame arrester is designed, manufactured and tested according to IMO MSC/Circ.677, MSC.1/Circ.1324, MSC.1/Circ.1325 and EN ISO 16852.
- The model KSED is designed for devices to prevent the passage of external flame into storage tanks during 120 min as per rule & regulation. Also, end of line flame arrester was certificate from ATEX.
- They are also designed to protect against continuous burning against the 316LSS flame cell for a specific period.
- The standard flame cell is suitable for NEC group C or IEC IIB gases. Cells for other gas groups are available as additional extras.
- The flame arresters are available with either carbon steel (epoxy coated), 304SS, or 316SS housing with 316LSS flame cells.

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Dimension Table

Unit = mm

Size	2"	3"	4"	6"	12"
N.D	50	100	125	150	300
øD	345	345	345	600	880
APPX.H	290	316	290	425	485

Note: Standard flanges is ANSI 150lb and other connections are available upon request.

Materials of Construction

NO.	DESCRIPTION	MATERIAL			
		SPEC.1	SPEC.2	SPEC.3	SPEC.4
1	BODY	CARBON STEEL	STAINLESS STEEL	NI-AL BRONZE	HASTLLOY-C
2	GASKET	COPASLIP			
3	ELEMENT ASS'Y	STAINLESS STEEL & HIGH GRADE STEEL or ALLOY			
4	FUSE	POLYCARBONATE			
5	SPRING	STAINLESS STEEL & HIGH GRADE STEEL or ALLOY			
6	HOOD	STAINLESS STEEL & HIGH GRADE STEEL or ALLOY			
7	WASHER	STAINLESS STEEL & HIGH GRADE STEEL or ALLOY			
8	SPRING RING	STAINLESS STEEL & HIGH GRADE STEEL or ALLOY			
9	WIRE	STAINLESS STEEL			
10	BOLT / NUT / SW	A193-B8 / A194-8(STD.) & HIGH GRADE STEEL or ALLOY			

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