In-Line Deflagration Flame Arrester

Used within 50d of the pipe end and close to the pipe end, that is, the flame development has not yet reached the detonation stage.
It meets the requirements of ISO16852, GB13347 and other standards and is more economical than detonation flame arresters.
The two-way structure can prevent low-pressure, medium-pressure and high-pressure deflagrations, and can eliminate the high speed and high pressure generated by deflagration while extinguishing the flame.



Features

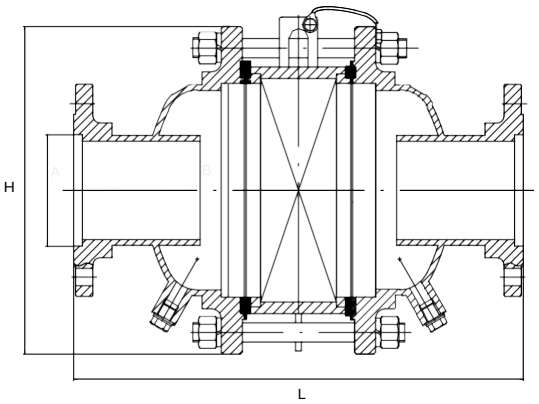
- Maximum flow, small pressure drop
- Easy to clean, not easy to clog, less maintenance
- Standard temperature detection port
- Bidirectional structure
- Easy to install, removable fire barrier for easy inspection and maintenance
- Support ANSI, DIN and HG/T20592~20635-2009 flanges

Specifications

Model	Size	Gas Group (IEC/NEC)
In-Line Deflagration Flame Arrester	1”(DN25) ~ 40”(DN 1000)	Ⅱ A/D Ⅱ B3/C Ⅱ C/B

Structural Materials

Model	Case	Fire barrier
In-Line Deflagration Flame Arrester	carbon steel 304 316L Hastelloy alloy	304 316L Hastelloy alloy



Key parameter table

Model	A Size In(mm)	B Case Size mm	H Outer Diameter mm	L Length mm
FA-Def (ⅡA)	1(25)	100	220	410
	2(50)	100	220	410
	2(50)	150	285	448
	3(80)	150	285	448
	4(100)	200	340	498
	6(150)	300	445	574
	8(200)	400	565	536
	10(250)	500	670	768
	12(300)	600	780	788
	16(400)	800	930	958
	20(500)	1000	1140	1110
	24(600)	1200	1360	1290
	32(800)	1600	1760	1770
	40(1000)	2000	2160	2180

*The allowable tolerance is±1.00″(25mm);he parameters are for reference only, please contact us for more information.