In-Line Detonation Flame Arrester

Represents the highest specification of flame arrester protection, divided into steady detonation and unsteady detonation.
Mainly used for long pipe sections or pipe sections with multiple elbows to prevent stable and unstable detonations.



Features

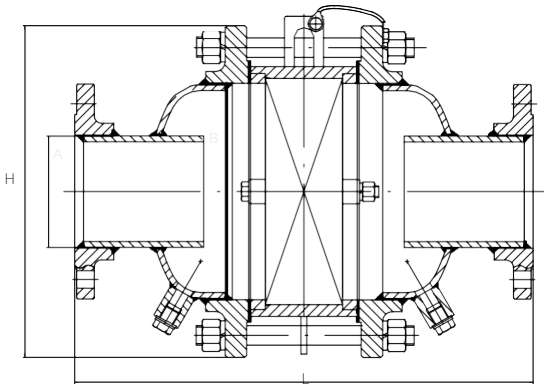
- Maximum flow, small pressure drop
- Easy to clean, not easy to clog, less maintenance
- Standard temperature detection port
- Bidirectional structure
- Easy to install, removable fire barrier for easy inspection and maintenance
- Support ANSI, DIN and HG/T20592~20635-2009 flanges

Specifications

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

Materials

Model	Case	Fire barrier
FA-Det In-Line Detonation 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 Det Pipeline Steady State Explosion proof Flame Arrester	1(25)	100	220	440
	2(50)	150	285	484
	3(80)	150	285	488
	4(100)	200	340	538
	6(150)	300	445	614
	8(200)	400	565	676
	10(250)	500	670	808
	12(300)	600	780	828
	16(400)	800	930	998
	20(500)	1000	1140	1150
	24(600)	1200	1360	1340

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