
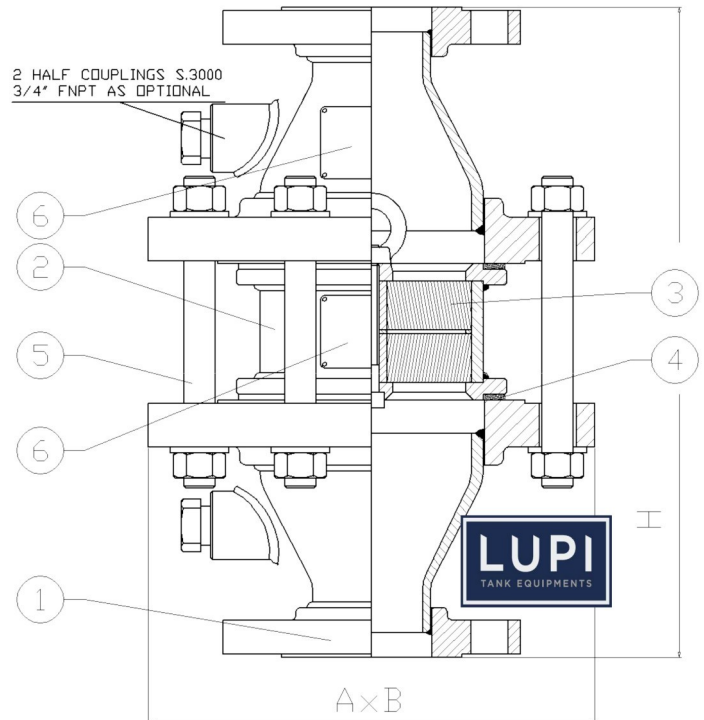


FIG.422.2-IIA IN-LINE DEFLAGRATION FLAME ARRESTERS,
EN 16852, PED, FROM 2" TO 12"

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General technical data	
Type	In-line
Tested as for	EN ISO 16852
ATEX approved	Directive 2014/34/EU
Design pressure	10 Barg
Design temperature	-20/120°C
Factory test of body	19,38 Barg
Factory final check	Visual & dimensional
Sizes	From 2" to 12"
Connections	Flanged Ansi or UNI
Specific Operating Parameters	
Gas explosion group	IIA
Operating temp.range	-20/+70°C
Max operating press.	1.2 Bar@
L/D ratio	50

Dimensions & weights for steel body				
DN (xx)	Dimensions (mm)			Weight (kg)
	A	B	H	
2"	230	230	333	27
3"	280	280	422	43
4"	345	345	440	80
5"	406	406	500	100
6"	483	483	580	135
8"	597	597	897	220
10"	699	699	1211	250
12"	813	813	1232	360

Materials and product codes						
Part No	Description	Materials				
1	Body	Carbon steel	SS304L	SS316L	Hastelloy C-276	Carbon steel
2	Housing	SS316L	SS316L	SS316L	Hastelloy C-276	Carbon steel
3	Elements	SS316L	SS316L	SS316L	Hastelloy C-276	SS316L
4	Gaskets	AFF	AFF	AFF	AFF	AFF
5	Bolts/nuts	Galv.d steel	SS304	SS304	SS304	Galv.d steel
6	Label	SS304	SS304	SS304	SS304	SS304
Code with Ansi flanges		422.2.xx.101	422.2.xx.103	422.2.xx.105	422.2.xx.107	422.2.xx.109
Code with UNI flanges		422.2.xx.102	422.2.xx.104	422.2.xx.106	422.2.xx.108	422.2.xx.110

Painting cycle					
Standard	Polyurethane	N.A.	N.A.	N.A.	Polyurethane