

Explosion Isolation Flap Valve CARZ-NS 160-250mm

爆炸隔离阀CARZ-NS——用于可燃粉尘应用的保护系统。



"CARZ-NS爆炸隔离阀能够防止除尘器内的爆炸压力波和火焰通过管道传播到其他工艺单元。使用我们的CARZ-NS隔离阀可以减少粉尘爆炸对工作人员和设备产生的危害。"

工作原理

在系统正常操作的条件下，隔爆阀为打开状态。当除尘器内发生爆炸时，爆炸压力波推动闭合装置紧闭于密闭片上，当关闭时，隔离阀被锁定，并且有效阻止爆炸产生的火焰和压力波从除尘器传播到其他工艺单元。

我们为各个行业提供全面的防爆除尘解决方案和防爆隔离阀产品，可用于处理各类可燃粉尘，满足您的多样化需求。"

已经过独立测试，满足最新且最严苛的标准和法规
符合国际粉尘防爆标准（ATEX、NFPA69、IECEX）
市面上最齐全的尺寸选择和除尘器配置，以及最广的应用范围
（可用于正负压系统、金属粉尘、St2级粉尘）
由尼的曼在认证质量保证体系下制造，保证了最高水平的质量和可靠性。

品名	Explosion Isolation Flap Valve CARZ-NS 160-250mm
材料	Welded carbon steel, painted RAL5009
作业温度	-20 - +70° C (0 - 160 F)
环境温度范围	-20 - +60° C (0 - 140 F)
技术数据声明	Organic dust - PUSH & PULL; metal dust - PULL only
Explosion Class ATEX	St2
Dust Concentration in duct	organic dust: Any; metal dust: < LEL
Max velocity in duct (m/s)	35
Minimum velocity in duct	0
Minimum vessel size, push (m3)	0,46
Install type	Push and Pull
Minimum vessel size, pull (m3)	0,46
Dust type	[metallicorganic]
Kst (bar m/s)	organic dust: 300; metal dust: 260
Maximum reduced pressure, Pred (bar)	0,5























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直径 (mm)	Connection	产品编号
160	QF	73008219*
160	FL	73008218*
160	NW	73008220*
180	QF	73008399*
180	FL	73008398*
180	NW	73008400*
200	QF	73008402*
200	FL	73008401*
200	NW	73008403*
250	QF	73008405*
250	FL	73008404*
250	NW	73008406*

*Organic dust – PUSH & PULL; metal dust – PULL only

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	附件	产品编号
	CARZ support frame suspended 160	73001558
	CARZ support frame suspended 180	73001559
	CARZ support frame suspended 200	73001560
	CARZ support frame suspended 315	73001562
	CARZ support frame suspended 500	73001566
	CARZ support frame suspended 710	73001569
	Carz support frame suspended 900	73001571
	CARZ support frame suspended 1000	73001572
	CARZ support frame wall-hanging 160	73001573
	CARZ support frame wall-hanging 180	73001574
	CARZ support frame wall-hanging 200	73001575
	CARZ support frame wall-hanging 250	73001576
	CARZ support frame wall-hanging 315	73001577
	CARZ support frame wall-hanging 350	73001578
	CARZ support frame wall-hanging 400	73001579
	CARZ support frame wall-hanging 450	73001580
	CARZ support frame wall-hanging 500	73001581
	CARZ support frame wall-hanging 560	73001582
	CARZ support frame wall-hanging 900	73001586
	CARZ support frame wall-hanging 1000	73001587

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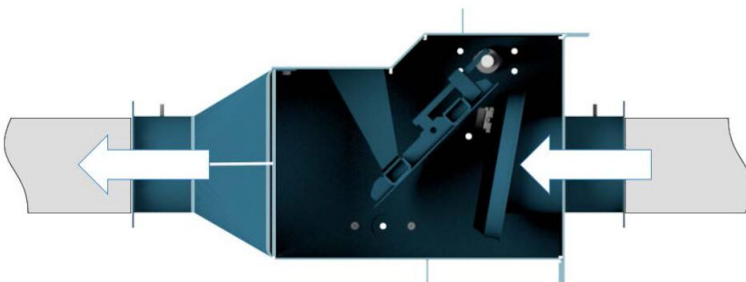
Patent protected product:

- EP patent: EP 3 343 077
- USA: US 10 315 059
- China: 201711349554.2

Patent protected product



Explosion direction



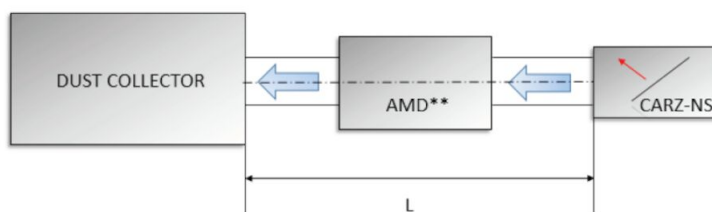
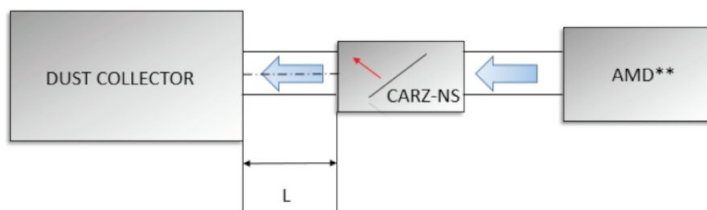
Suction direction

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PULL configuration

**AMD = Air moving device or fan



PUSH configuration

**AMD = Air moving device or fan