

Lime Dosing

Plastic Pressure Relief Valve VHS-C



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Description ▼

VHS Pressure Relief Valves consist of a cylindrically shaped body with clamp connection spigot to the silo, an exhaust outlet spout for duct connection, an elastic diaphragm able to re-establish pressure balance instantaneously, a counter-weight kit to keep the valve closed under normal conditions, and a weather protection cover.

Application ▼

VHS Pressure Relief Valves are the last safety net when abnormal pressure conditions endanger the silo structure. This is why sudden excess or suction pressure inside the silo must be dealt with instantly.

Even though ideally a VHS Pressure Relief Valve should never have to go into action, it must be efficient and reliable if needed.



Silo workspace using spring-loaded valve



Silo workspace using VHS valve

Benefits ▼

- ✓ Compliance with existing regulations
- ✓ Safety for people, plant and environment
- ✓ Maximum efficiency and minimum operating costs
- ✓ Quick and easy maintenance
- ✓ Easy handling thanks to light-weight design
- ✓ Attractive price

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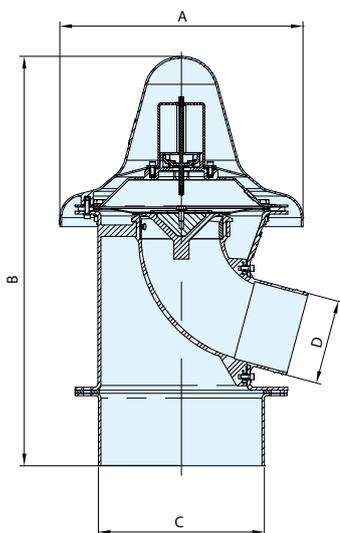
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Technical Features / Performance ▼

- ▶ Body diameter 273mm (10 in)
- ▶ Exhaust outlet spout for connection with centralised suction system
- ▶ Preset for maximum negative pressure of - 0.005 bar (0.07 psi) and maximum excess pressure of + 0.05 bar (0.72 psi)
- ▶ Equipped for inductive signalling sensors
- ▶ Easy part replacement
- ▶ Lightweight
- ▶ Conveyed emissions
- ▶ Counterweight system never in contact with dust
- ▶ Body and cover made of engineering polymer
- ▶ Special properties of diaphragm and elbow prevent clogging, as well as formation of material crusts

Overall Dimensions ▼



VHS273	Excess Pressure	Negative Pressure	kg
Standard-type	500 mm H ₂ O	-50 mm H ₂ O*	8.0
Option	300 ~ 1,000 mm H ₂ O*	-50 mm H ₂ O*	

A	B	C	D
Ø 366 mm	557 mm	Ø 273 mm	Ø 140 mm