

PATENT PENDING

Concrete Production

Polymer Pressure Relief Valve VHS-C



Description ▼

VHS Pressure Relief Valves consist of a cylindrically shaped body with flanged connection spigot to the silo, an exhaust outlet spout for duct connection, an elastic diaphragm able to re-establish pressure balance instantaneously, a counterweight 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 operation mode, it must be efficient and reliable if needed.



Spring-loaded pressure relief valve releasing excess pressure



VHS Pressure Relief Valve releasing excess pressure

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 lightweight design;**
- ✓ **Attractive price.**



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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



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