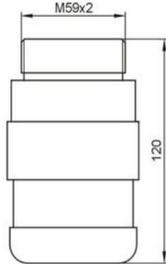


HBPV-BI & ALPV-BI Series Built-in Vent Valves — Intelligent Pressure Regulation for Tank Truck Manholes

HBPV-BI Series of Built-in Vent Valves are installed in the manhole cover at the inner tank side. When there is pressure difference inside and outside of the tank, it can adjust pressure difference by the P/V vent inlet and outlet air to make the balance.



Technique Specification:

Body Material: Cast Aluminum Alloy
Positive opening pressure: 6~12kpa
Negative opening pressure: -2~-4kpa
Temperature Range: -20~+50°C

HBPV-BI-01 Built-in Vent Valves for Manhole Cover

Function& Feature:

The valve can be produced at different pressures according to clients' detailed requirement so that to ensure reliable breathing function, making the tank truck safe and reliable during transportation and not be easily damaged. When a tank truck dumps in an unexpected situation, the dumping anti-spill-flow valve in the vent valve starts to act and automatically seals the channel, effectively preventing danger due to oil leakage. The structure of this product consists of a vent valve body, a vent valve disc, a valve stem, a dump anti-spill-flow valve cap and a spring. When the pressure inside the tank is 6-12KPa higher than the external pressure or 2-4 KPa lower than the external pressure, the vent valve will automatically open to allow the vapor in the tank to pass through the valve disc, which can reduce the excessive pressure difference between the inside and outside.

ALPV-BI Series of Built-in Vent Valve for Manhole Cover

ALPV-BI Series of Built-in Vent Valves are installed in the manhole cover at the inner tank side. When there is pressure difference inside and outside of the tank, it can adjust pressure difference by the P/V vent inlet and outlet air to make the balance.



Technique Specification:

Body Material: Cast Aluminum Alloy
Positive opening pressure: 6~8 kpa
Negative opening pressure: -2~-3kpa
Temperature Range: -20~+50°C

ALPV-BI-01 Built-in Vent Valves for Manhole Cover

Function& Feature:

The valve **can be produced at different pressures according to clients' detailed requirement** so that to ensure reliable breathing function, making the tank truck safe and reliable during transportation and not be easily damaged. When a tank truck dumps in an unexpected situation, **the dumping anti-spill-flow valve** in the vent valve starts to act and automatically seals the channel, effectively preventing danger due to oil leakage. The structure of this product consists of a vent valve body, a vent valve disc, a valve stem, a dump anti-spill-flow valve cap and a spring. When the pressure inside the tank is 6-8 KPa higher than the external pressure **or** 2-3 KPa lower than the external pressure, the vent valve will automatically open to allow the vapor in the tank to pass through the valve disc, which can reduce the excessive pressure difference between the inside and outside.

More Images: