

Tank vent valve

Article no.: Z-V 0010 0606



Design

| | |
|--------------------|---------------------------|
| Weight | 45 g |
| Thread | 9/16-18UNF (-06D) |
| Wrench size | 27 |
| Flow cross-section | Ø7,4 / 43 mm ² |
| Material | EN AW-7075 |

Application

| | |
|------------------|--------------------------|
| Opening pressure | 150-200 mbar acc. FIA |
| Seal material | FKM BF750 |

Key features

- Valve for venting the vehicle tank
- Prevents accidental spillage of fuel
- Overpressure function (in closed condition, the valve opens between 150-200 mbar)
- Seal material FKM BF750 (E85 applicable)
- Compact size and light weight
- Fast response time of the valve
- Other connection types are available on request
- Installation in vertical position only

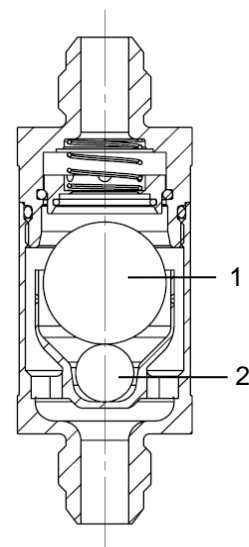
Functions

In the open state, the air flows through an annular gap around the ball through the housing and thus the ventilation is assured.

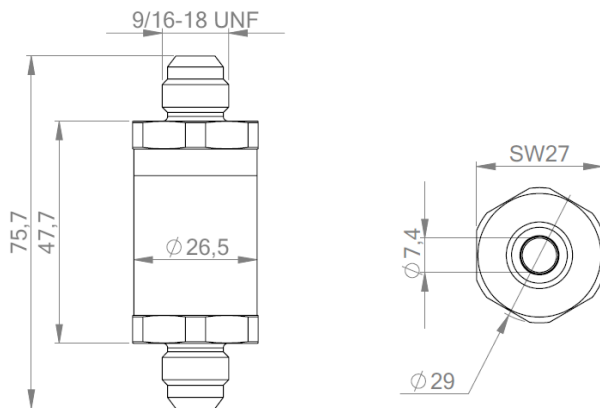
- Being exposed to a defined liquid level, the PVCF ball (number 1) is pressed by the buoyancy in the sealing seat and thus closes the valve.
- In the case of an inclination angle of more than 90°, the stainless steel ball number 2 is moved from its previous position and presses the ball number 1 in the sealing seat and thus closes the valve.

If the tank pressure is rising (e.g. due to increasing ambient temperature) in the closed state of the valve, it opens itself in the pressure range 150-200 mbar and the overpressure can be released.

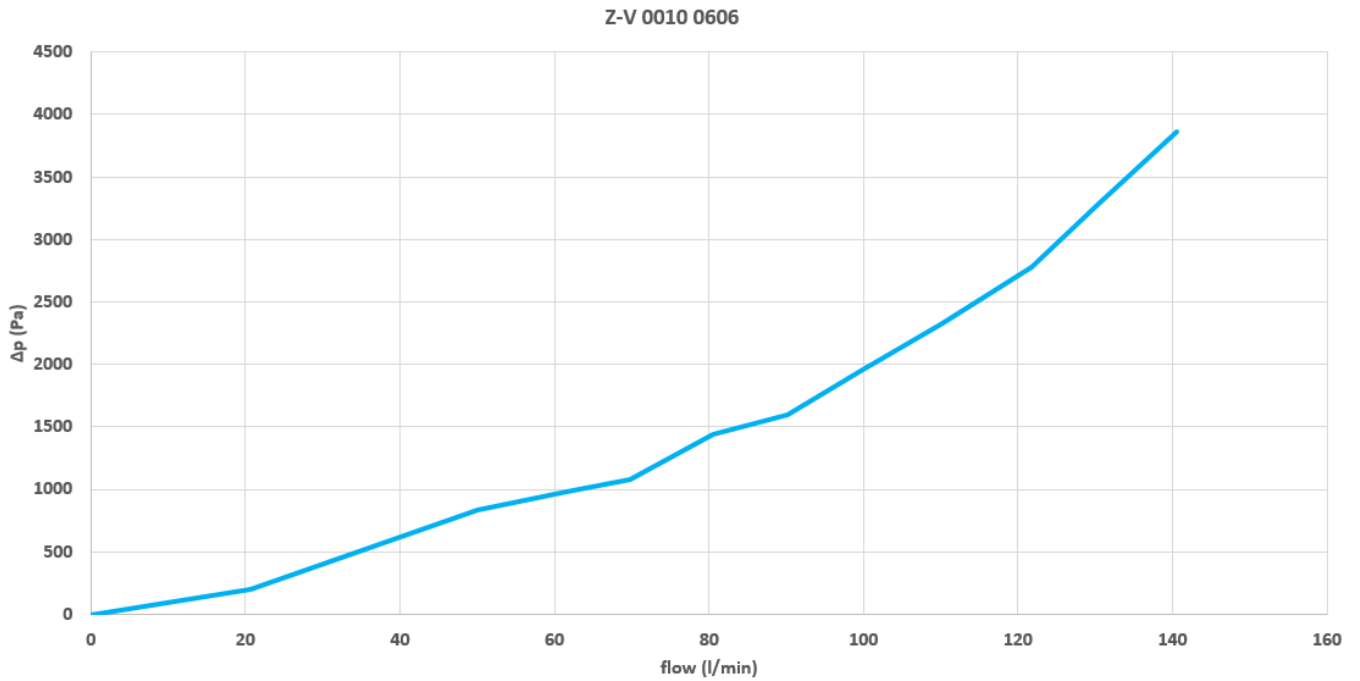
CAUTION: Install in a vertical position only.



Dimensions



Pressure drop (valve open)



Pressure drop (valve closed)

