

BREATHERVELVES FOAMTANK 2438.451



DESCRIPTION

The Breather valve is designed to protect the content in a tank from excess evaporation, as this can affect the quality of firefighting foam. At the same time, it protects the integrity of the tank by venting off over pressure or vacuum as required. These pressure changes occur while filling or emptying a tank or due to temperature changes.

OPERATING PRINCIPLE

The ports of the vent body are sealed off from atmosphere by weight loaded pallets. The pallets will remain sealed until the pressure difference between the vessel and atmosphere, will cause the pallet to lift due to the pressure or vacuum. This will relieve the pressure difference, thus controlling the pressure within the vessel.

TESTING AND CERTIFICATIONS

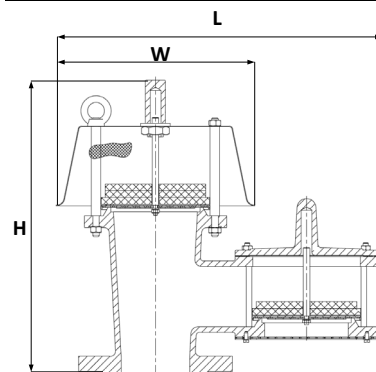
Designed and tested according to API2000 and EN ISO 28300.

PRESSURE SETTINGS

Set Pressure	+3.2 mbar(g)
Set Vacuum	-2.2 mbar(g)

DIMENSIONS (MM)

H	356
L	394
W	241
Nominal Bore	50
Flange Size	DN50
Flange type	EN1092-1 PN16



MATERIALS

Body	316
Internals	316
Diaphragms	FEP
Seal	CNAF
Fasteners	316
Coating	Not Painted

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We also have a long experience and extensive know-how to design, build and maintain these systems. The small chance that we face a new problem will enable us to search the best solution for you. From drawing to installation, we know what your situation requires.

Saval B.V.
Huifakkerstraat 22 | 4815 PN Breda | NL
P.O. Box 3499 | 4800 DL Breda | NL

sales **t** +31 76 548 70 00
service **t** +31 76 548 72 61
f +31 76 541 79 22
systems@saval.nl

saval.nl

