VENTO MODEL 2300 CPS

VENTO MODEL 2300 CPS SPRING LOADED PRESSURE VALVE (CLOSED TYPE)

Main purpose of **Vento Model 2300 series Pressure Relief Valves** is to fill the product in storage tanks, providing protection against explosion by providing aeration of the tank when excessive pressure occurs due to changes in temperature due to climatic or external fire sources.

When the valves reach the set pressure values, the valve will open and after the pressure inside the tank is relieved, the valve will sit back to the sites and provide a tight seal.

Feature of Vento model 2300 series is discharge of gas from the tank to the atmosphere without releasing it to the atmosphere through a pipe from the flange at the valve outlet or combined with a steam recovery system, resulting in zero product loss.

Vento model 2300 series valves are produced as weight loaded and as spring loaded.

FEATURES:

- Minimizes product loss due to environmental emissions and evaporation
- Protects tanks from damage and deformation.
- Reduces atmospheric corrosion of the tank.
- Provides high flow capacity.
- Replaceable pressure seats.
- Easily removable hats and caps for inspection and maintenance.
- Zero product loss when combined with a steam recovery system.
- All internal parts are **AISI 316 SS.**
- All products are factory tested and certified.
- Easy to carry with lightweight design.
- Service and tests are available on request.

TECHNICAL SPECIFICATIONS:

Sizes : 50 mm (2”) – 300 mm (12”)

Materials :Aluminum Carbon Steel / Stainless Steel

Flange :ANSI – DIN

Inner Material: AISI 316 SS

Diaphragm. : PTFE – VITON – NEOPREN

Certificate. : **CE / ATEX**

EN ISO 80079-36 : 2016
EN ISO 80079-37 : 2016
DIRECTIVE 2014/34/EU

WEIGHT TYPE

PRESSURE: +2.5 mbar / +50 mbar

SPRING TYPE

PRESSURE: +50 mbar / 1 bar

TEL: +90 216 361 65 18
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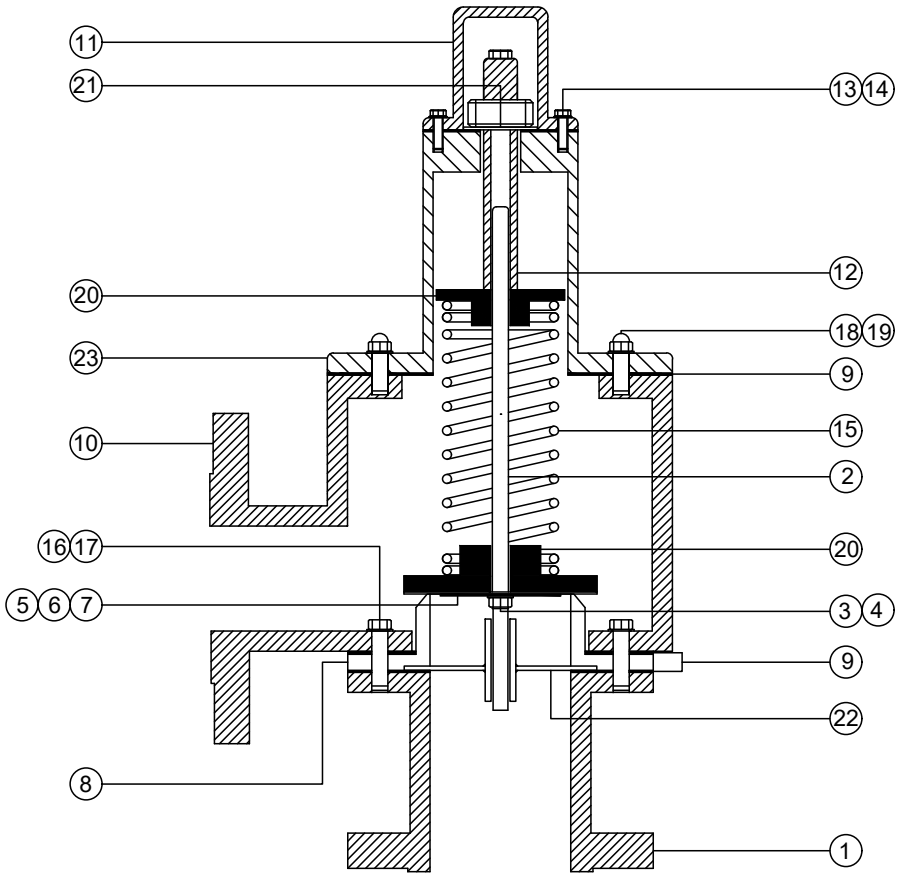

STANDARD MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	PART LIST 1	PART LIST 2
1	BODY	AL GR 356 T6	AISI 316
2	PRESSURE STEM	AISI 316	AISI 316
3	WASHER	AISI 304	AISI 304
4	HEXAGONAL NUT	AISI 304	AISI 304
5	PALLET	AISI 316	AISI 316
6	DIAPHRAGM	NEOPREN	PTFE
7	DEFLECTOR	AISI 316	AISI 316
8	PRESSURE SEAT	AISI 316	AISI 316
9	GASKET	TEFLON	TEFLON
10	PIPE AWAY BODY	CARBON STEEL	AISI 316
11	BONNET CAP	CARBON STEEL	AISI 316
12	ADJUSTABLE SHAFT	AISI 316	AISI 316
13	WASHER	AISI 304	AISI 304
14	STUD BOLT	AISI 304	AISI 304
15	SPRING	AISI 316	AISI 316
16	WASHER	AISI 304	AISI 316
17	STUD BOLT	AISI 304	AISI 316
18	WASHER	AISI 304	AISI 304
19	HEXAGON DOME NUT	AISI 304	AISI 304
20	SPRING PALLET	AISI 316	AISI 316
21	NUT	AISI 316	AISI 316
22	SHAFT BEARING	AISI 304	AISI 304
23	SPRING BONNET	CARBON STEEL	AISI 316

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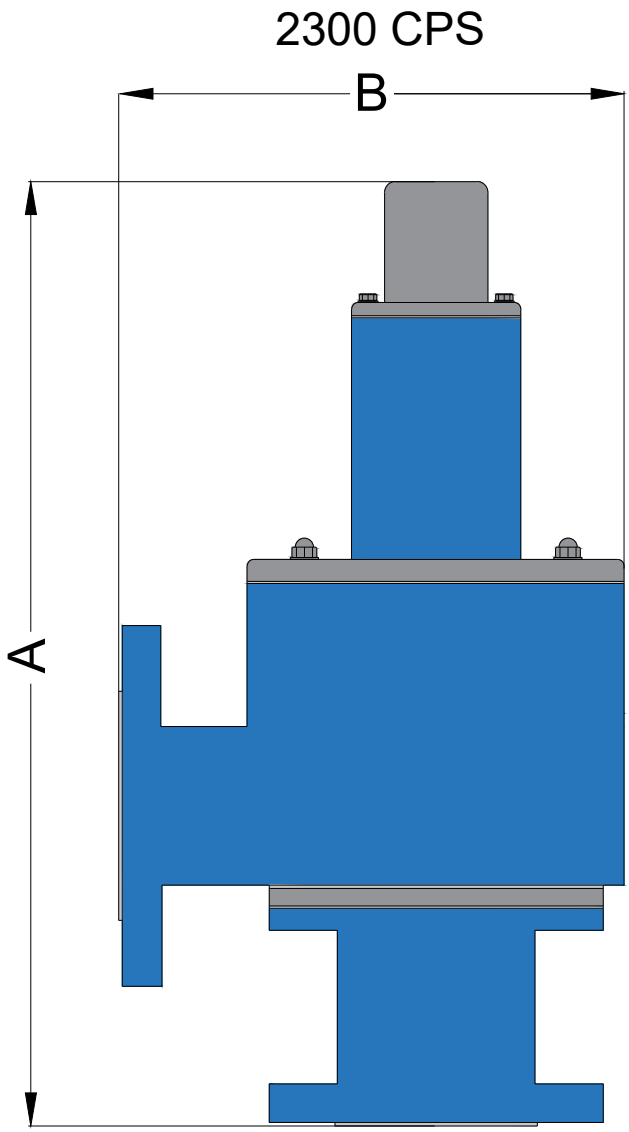

DIMENSIONS

INCHES	DN	A	B
2	50	400	240
3	80	460	290
4	100	580	340
6	150	790	400
8	200	940	550
10	250	1200	700
12	300	1440	840

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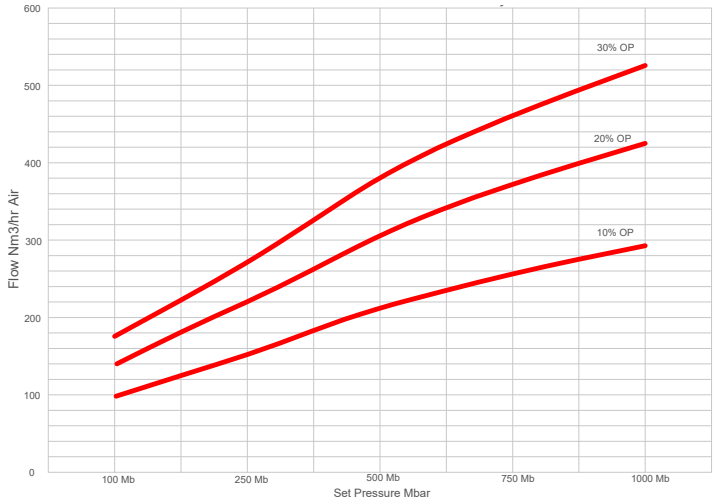
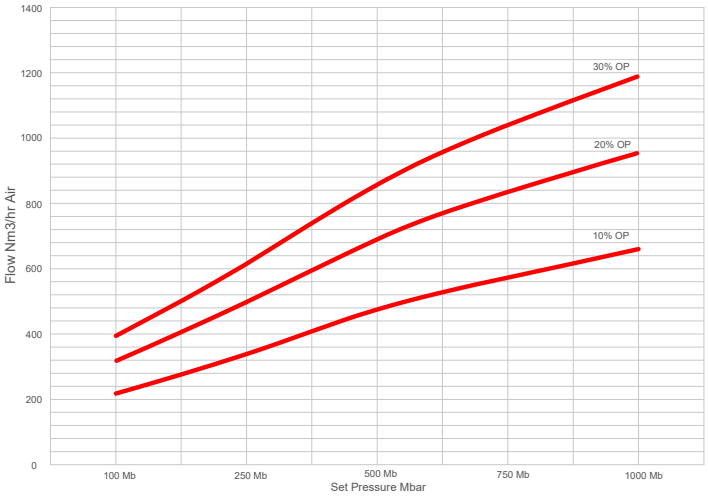
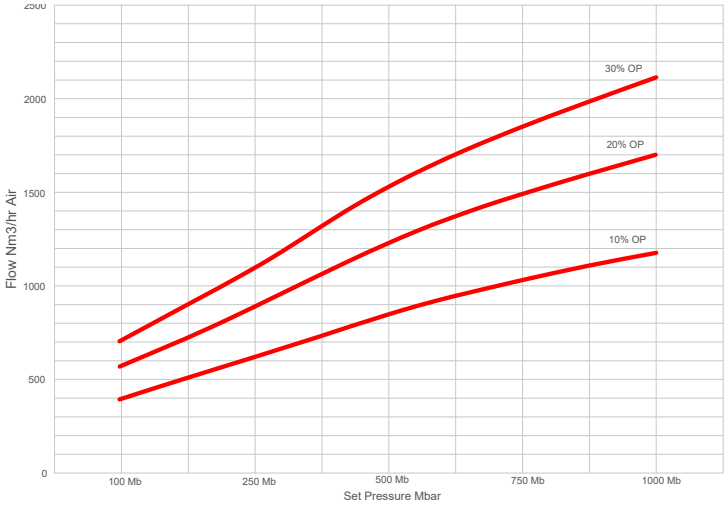
2” VENTO MODEL 2300 CPS PRESSURE FLOW



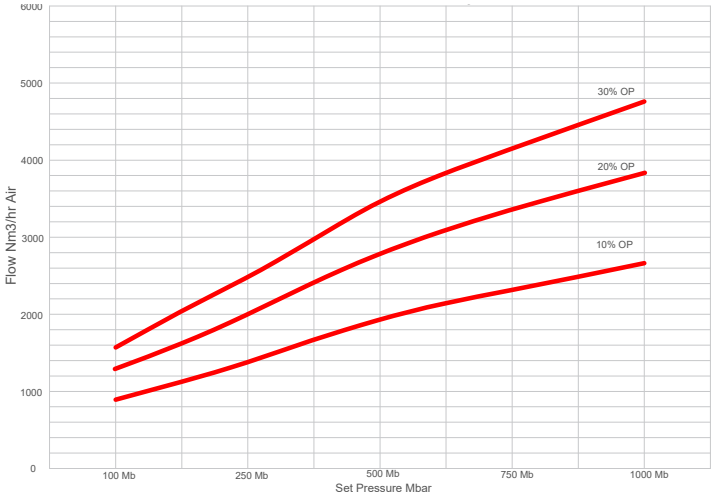
3” VENTO MODEL 2300 CPS PRESSURE FLOW



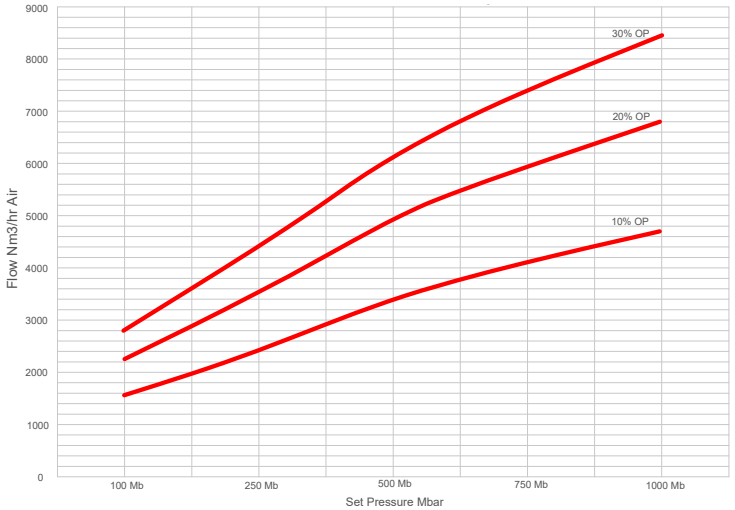
4” VENTO MODEL 2300 CPS PRESSURE FLOW



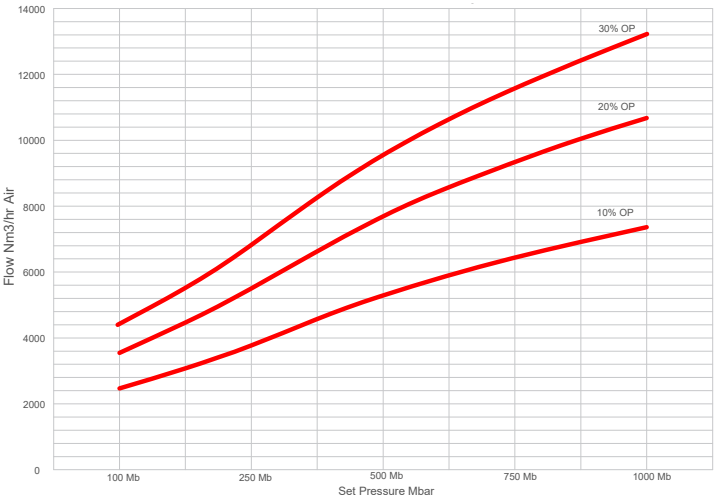
6” VENTO MODEL 2300 CPS PRESSURE FLOW



8” VENTO MODEL 2300 CPS PRESSURE FLOW



10” VENTO MODEL 2300 CPS PRESSURE FLOW



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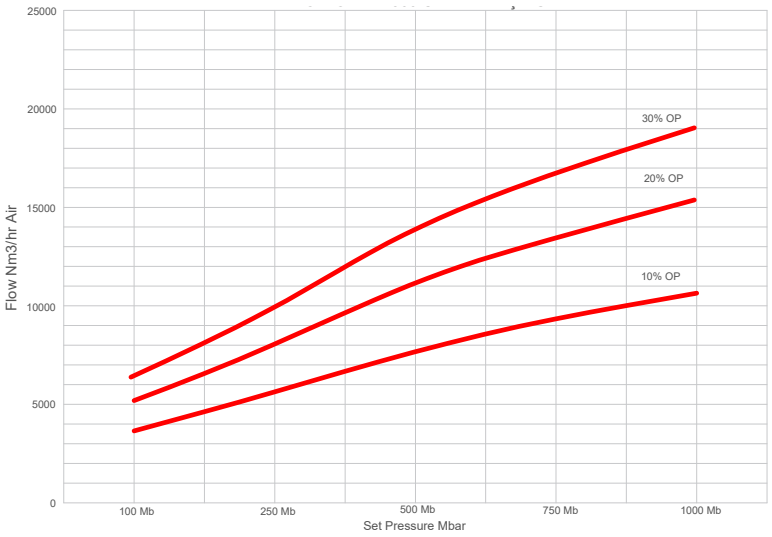
12” VENTO MODEL 2300 CPS PRESSURE FLOW



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