

Starflow V™ (PV series)

ASME Section I Safety Valve



Starflow V™ (PV series) boiler safety valve

Sarasin-RSBD®, a world leader in overpressure protection solutions, offers a unique range of pressure relief valves for steam boiler protection. These valves are designed and manufactured for use in power plants, as well as for industrial applications such as petrochemical, sugar plants, and pulp and paper.

Starflow V™ Safety Valve is designed and manufactured according to ASME B&PV Code Section I.

It also complies with the requirements of ISO 4126 part 1 and Pressure Equipment Directive 2014/68/UE (formerly 97/23/EC).

The Thermoglide™ design eliminates the risk of 'seizing', 'galling' or 'sticking' of internal parts during operation.

The Thermoglide™ design enhances the seat-face gliding characteristics and thus enables the valve to reach full lift and reseating points in the shortest possible cycle time.

The Starflow V™ Safety Valve offers the option of either full or restricted lift in order to adjust the maximum capacity of the valve to help minimise any steam loss, to stabilise the valve operating process and to minimise the risk of seat chattering.

ASME B&PVC – certified in accordance with Sections I & VIII

The Starflow V™ product is a spring operated Safety Valve designed to protect steam which is dedicated to low and medium pressure applications.

Features

- ASME B&PVC Sections I & VIII certified
- Full-nozzle
- Dual adjusting rings & overlap collars
- Thermoglide™ (thermal design) in alloy 718 material
- Full and restricted lift options
- Elimination of 'seizing' of internal parts (Thermoglide™ design arrangement).
- Accumulation chamber provides short and fast action blowdown performance.

Applications

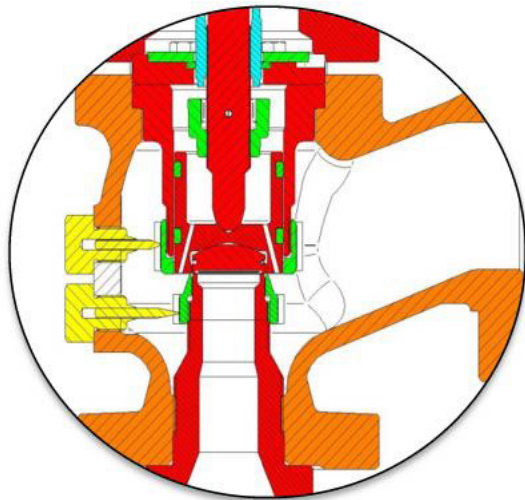
- Steam boilers - drum, superheater, reheater inlet and outlet, sootblower
- Low to medium pressure steam process duties
- Low capacity steam process duties

Availability

- Main cast parts either from Trillium's Indian foundry or of EU origin foundry to meet specific project specifications.
- Valves produced and tested in Trillium's French plants.

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Valve internal components including lift stop and sliding rings (no metal contact between the guide and the disc-holder).
In yellow, the both adjusting rings.

Features

	VALUE
Pressure	Class: 150 to 1500
Body material	WCC/WC6/WC9/CF8M
Inlet size	1 ½" to 6"
Inlet & outlet connections	Flanged
Orifice	F to Q
Operating Temperature	Up to 538°C
Seat tightness	Up to 95% of set pressure
Max. allowable operating pressure	Up to 95% of set pressure
Certified overpressure	3%

Accreditation - Starflow V series

- ASME Boiler & Pressure Vessel Code Section I & VIII (V & UV stamp)
- PED 2014/68/UE (CE marking)
- ATEX 94/9/EC
- ISO 9001
- ISO 14001
- OHSAS 18001

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