

# Safety Products Range





**Trillium Flow Technologies | Sarasin RSBD**

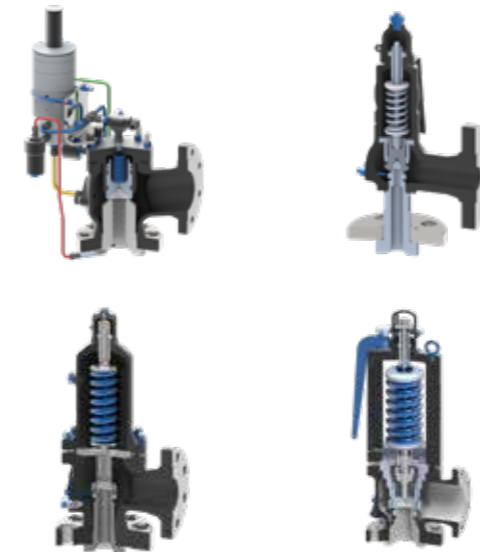
With a production unit situated in the North of France, Trillium develops and produces the complete range of Sarasin RSBD safety valves. These products cover all the needs of the industrial processes in sectors as divers as Oil & Gas, fine chemistry or energy, and so many more.



## The last line of defense.

The purpose of a safety element of an installation is that they would never be necessary. But when necessary, they have to react immediately and adequately to the situation. As the last line of defense of not only the installation but also of the personnel and environment, the safety elements have to be qualitative appendages following internationally recognized norms in terms of design and quality control of production. They also need to be carefully selected to meet the specific needs of each installation.

To provide you the support, Prodim works closely with internationally recognized brands and can advise you on the best solution for your specific process within our full range of products.



**Range Specifics**

- Types: Spring loaded PSV, balanced bellows PSV, pilot operated PSV, change over valves
- Materials: carbon steel, Stainless steel, Alloy steel, Exotic alloy
- DN: 1/2" to 30" (12" on standard models)
- Temperature range: -196°C to +625°C
- Set pressure range: up to 431 barG
- Medium: Air, water, steam, gas and liquid
- Connections: threaded, flanged, welded or clamped
- Design and compliance to: ASME Section I & VIII, API STD520 - STD526, ISO4126



### Continental Disc Corporation

Rupture discs are designed weak points of the installation. As so, they have to be carefully selected and produced to meet the specific needs of each particular installation. With years of experience and a strongly controlled production process, CDC is one of the leaders in the world of the rupture discs.



#### Range Specifics

- Types: Tension type RD, Reverse acting RD, non fragmenting RD, w/ or w/o Holders, BDI, Pipe end covers
- Materials: SS 316, SS316L, Alloy C276, Nickel, Alloy 400, Alloy 600, Alloy C22, Tantalum, Aluminum, Silver, Fluoropolymer, Graphite
- DN: 1/4" to 36" (Vent Panels up to 44"x69")
- Temperature range: up to 538°C
- Burst pressure range: 0.017 barG to 5171 barG
- Medium: Air, Water, Steam, Gas and Liquid
- Norm: ASME Section III or VIII, ISO4126-2, ASME BPE, FDA CFR Title 21



### Groth

Founded in 1960, Groth delivered tank protection elements to a wide range of industries worldwide. Wherever a fixed roof tank needs protection, Groth can propose a solution.



#### Range Specifics

- Types: Breather valve, Emergency vent, Blanketing regulator, Flame arrester, Thief & Gauge hatches
- Setting: Weight loaded, spring loaded or pilot operated
- Material: CST, SST, Aluminum, Fiber glas, other on request
- DN: 1/2" up to 24" depending on model
- Set pressure range: -800 up to +1000 mbarG
- Temperature range: -54°C up to +260°C
- Connections: Flanged ANSI/DIN /API, Threaded
- Design and compliance to: API2000 & ISO 28300



## Safety Accessories

In complement to the process safety elements, Prodim also proposes a range of safety accessories to secure process environment against personal injuries and some other unexpected situation.



## Range Specifics

- Dead man's handle (up to 90Nm)
- Removable fire proofing (UL 1709, ISO22899-1)
- Safe-Ring, Flange protection (DN15 to DN900 - DIN/ANSI)



**KINETROL**



**SAFE-RING**

## PRODIN Team at your safety service !

With a team of highly skilled sales engineers, Prodim can help you with the selection of the adapted safety elements.

### Where can we help you?

- Evaluation of the process information to advise adapted technology
- Visit on site for advice and information gathering
- Sizing of safety element as per ASME/API/ISO norms
- Delivery of necessary test reports and certificates



## Contact us

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