

Starsteam® Pressure Relief Valves

- **ASME Section I**
- **Eliminates the risk of seizing**
- **Improves speed of full lift & re-seat**
- **Perfect tightness**
- **Accurate positioning of disc**
- **Pre-drilled yoke for in-situ testing**

Application

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.

Starsteam® pressure safety valves are designed and manufactured according to ASME B&PV Code Section I. The Starsteam® pressure safety valve also meets the requirements of ISO 4126 part 1 and Pressure Equipment directive 97/23/EC.

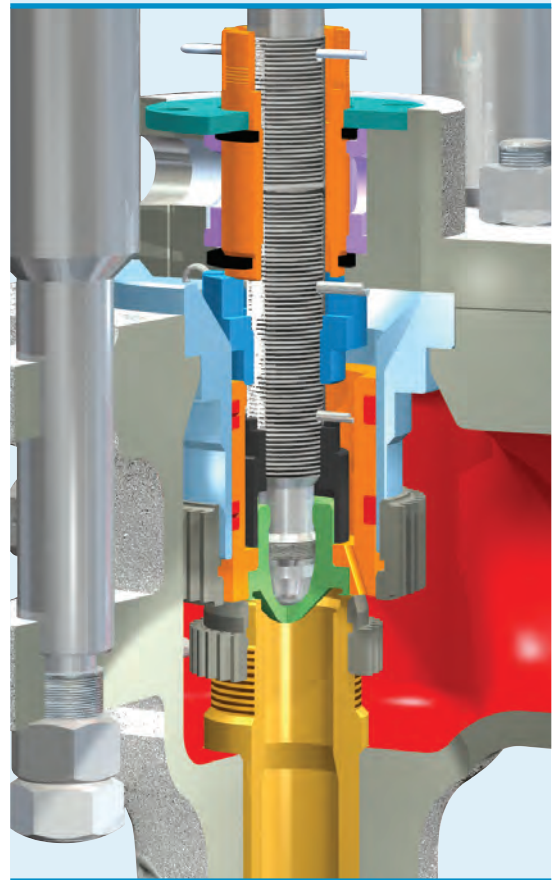
Features

- Semi-nozzle welded to the body
- Dual adjusting ring
- Stardisc™ (Thermal design) in Alloy 718 with improved tightness design
- Low loading point
- Improved gliding characteristics with the Thermoglide™ design
- Accumulation chamber guarantees a short and fast blowdown
- Pre-drilled mounting surface on the yoke

Benefits

- The Thermoglide™ design eliminates the risk of seizing. The first safety valve in the world to offer this characteristic.
- The Thermoglide™ design improves the gliding characteristics enabling the valve to quickly reach full lift and re-seat.
- Starsteam® pressure relief valves use the proven and reliable Stardisc™ disc design. The lip of the disc guarantees perfect tightness due to its flexibility at high temperature.
- Starsteam® pressure relief valves guarantee repeated and accurate positioning of the disc on the nozzle by having a spindle loading point lower than the seating surface.
- The Starsteam® pressure relief valves yoke includes a pre-drilled mounting surface for in-situ electronic valve testing.

ASME Section I Pressure Relief Valve



Technical data

- ASME Section I
- ASME B16.34
- PED 97/23/EC
- Sizes: 1 1/2" to 8" (40mm to 200mm)
- End connections: Flanged or Weld
- Pressure ratings: Class 600 to 4500
- Temperature: Up to 625°C (1157°F)
- Materials:
 - ASME SA 216 Gr WCC
 - ASME SA 217 Gr WC6
 - ASME SA 217 Gr WC9
 - ASME SA 217 Gr C12A
 - ASME SA 351 Gr CF8M

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