

# Stareco™ (76 series steam & water)

Economiser pilot operated pressure relief valve



## ASME B&PVC Section I certified

The Stareco valve is specifically designed to protect the economizer in the ASME BPVC Section I boilers.

The Stareco valve can either discharge steam or hot water.

## Stareco™ premium economiser POPRV

The Stareco™ pilot operated pressure relief valve has been developed to meet the economiser requirements of the ASME B&PV Code Section I (power boilers).

The design includes an anti-seizing capability to prevent galling or sticking of internal components. Thus there is no unexpected shutdown or unplanned maintenance. This helps to improve the cost of product ownership.

The valve can include an option for remote control (for lift assistance and control). The non-flowing pilot (pop action) has separate sensing and feeding entries (the sensing area elastomers are protected due to the pressure remaining static).

The valve includes a full nozzle and metallic seat surfaces. Thus the leakage risk is minimised and this allows continuous operation.

The deep feeding line in the main valve dome allows discharging condensate. This helps to relieve quicker than discharging the potential steam accumulation in the dome top. This prevents also the pilot elastomers to be in contact with the steam in the main dome (if any) during the dome depressurisation.

## Features

- ASME B&PVC Section I certified
- Modulating system
- Standard dimensions (API Std 526)
- Full nozzle
- Metal seat
- Anti-seizing capabilities to prevent sticking
- Repeatable set pressure
- Deep feeding line in the main valve dome
- Disc hinge axis at seat level

## Applications

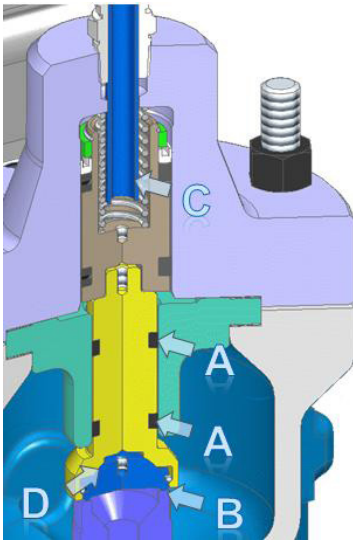
- Economiser (power boilers)
- Steam line

## Availability

- Body design based on the API Std 526 full nozzle spring load SRV and pilot operated PRV (quick delivery)
- Body casting from the Trillium foundry in one of the main European foundries (Portugal, France) based on the customer specifications.
- Valve produced and steam tested in France.

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- (A) Anti-seizing designs
- (B) Full nozzle and metallic seat
- (C) Deep feeding line
- (D) Disc hinge axis at seat level

## Features

	VALUE
Pressure	<b>Class:</b> 150 to 2500
Body material	Low and high alloy steels (WCC/WC6/WC9/CF8M)
Inlet size	<b>Inch:</b> 1 to 12
Orifice	D to W
Operating Temperature (Continuous use)	Up to 345°C
Tightness	<b>% of Set P:</b> 95
Maximum Expected Operating Pressure	<b>% of Set P:</b> 95

## Certifications (French plant and products)

ASME Boiler & Pressure Vessel Code Section I (V stamp)

PED 2014/68/UE (CE marking)

ATEX 94/9/EC

ISO 9001 - ISO 14001 - OHSAS 18001

SELO TS (Chinese permit of use)

TSSA / CRN (Canadian permit of use)

EAC TR CU 010 - EAC TR CU 012 - EAC TR CU 032 (Eurasian Economic Union)

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