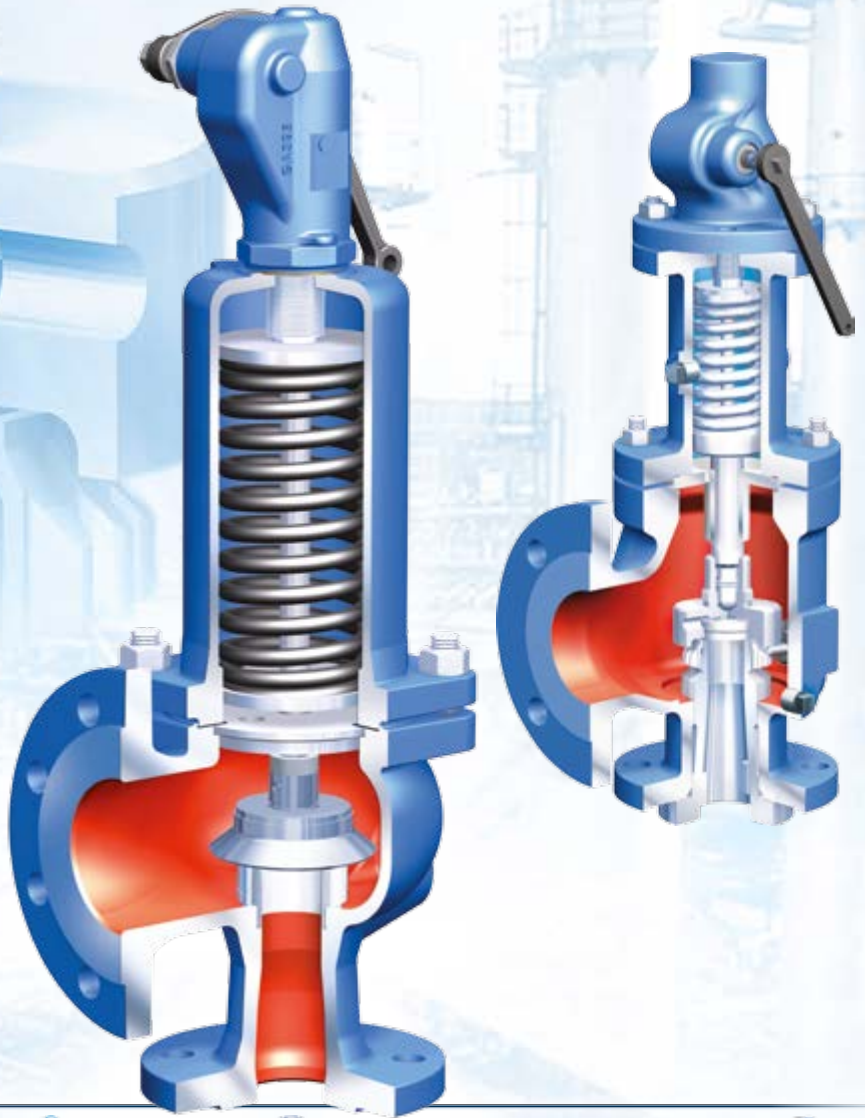


**NEW! Now with zero leakage – in combination with “SHR” premium soft seal* (up to +200°C) –
and with removable lifting aid as standard**

SAFE

Variable & safe – in more
than 35,000 variations!



* Steam / Hot Water Resistance



SAFE
Full-lift safety
valve



SAFE P
For small
capacities



SAFE TC
Thread connections



SAFE TCP / TCS
For high pressures



ARI-REYCO™
According to
API 526



SAFE “SHR”*
Premium soft seal
up to +200°C

NEW! Now with zero leakage – in combination with the innovative premium soft seal

“SHR”*

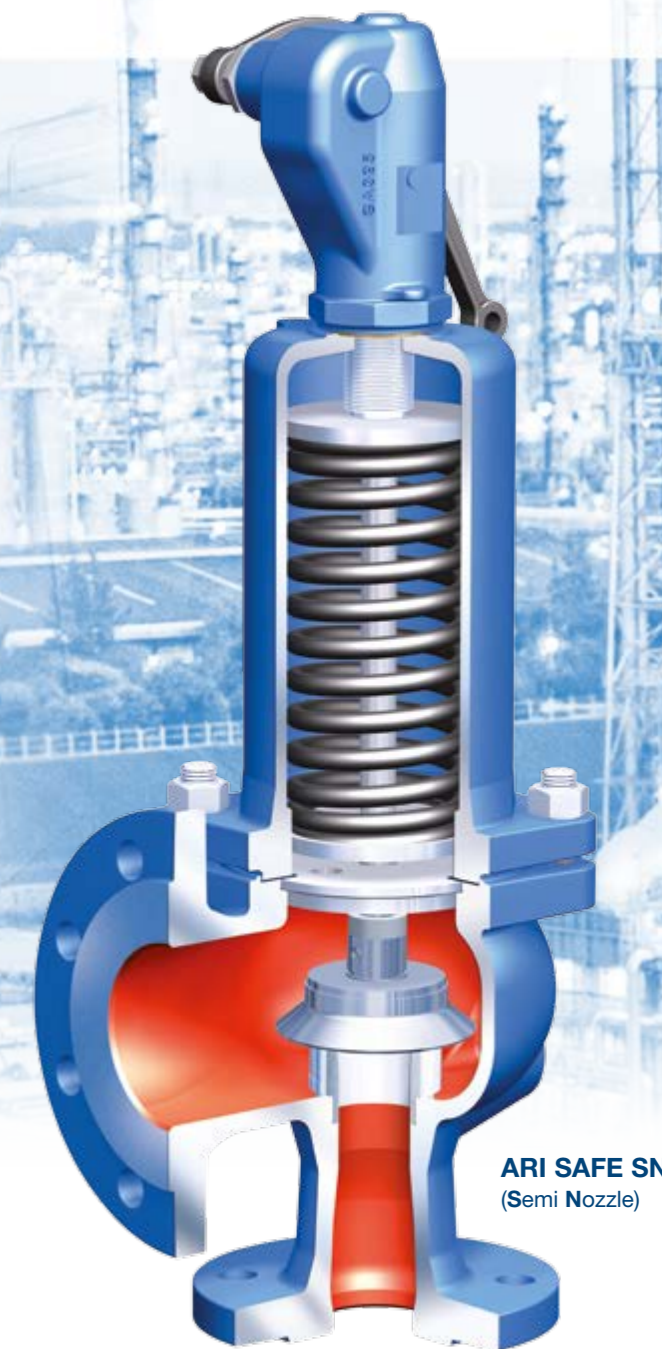
For steam and hot water up to +200°C!



ARI SAFE 900

“SHR”* premium soft seal (up to +200°C)

* Steam / Hot Water Resistance



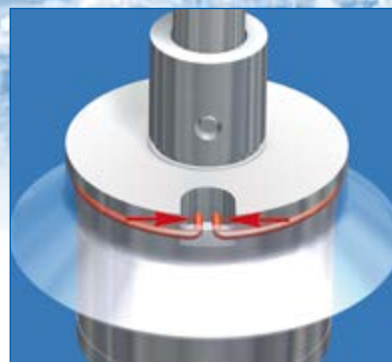
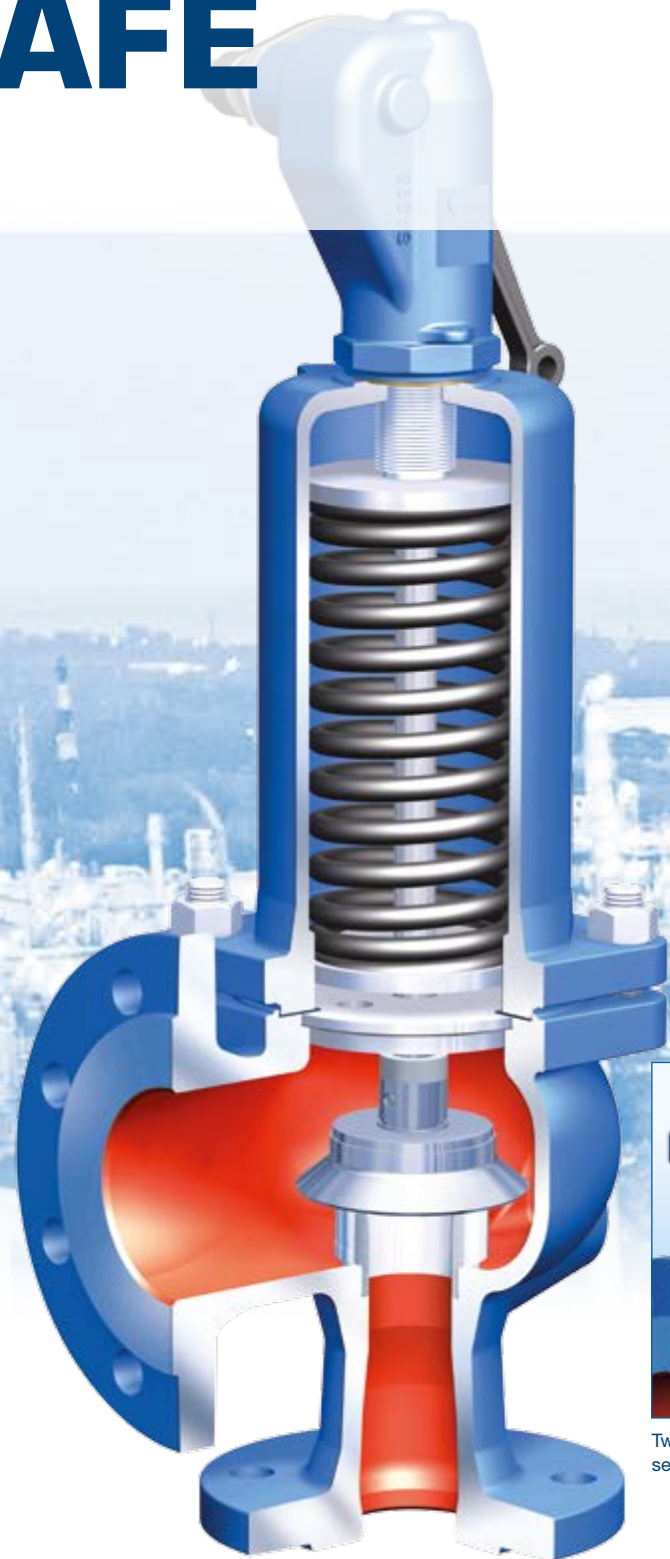
ARI SAFE SN
(Semi Nozzle)

Steam / Hot Water Resistance:

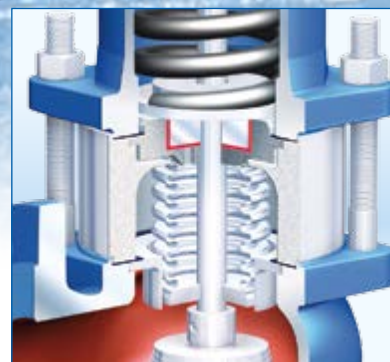
- Suitable for SAFE 900 and SAFE SN (Semi Nozzle)
- Even better economy through extended lifetime (optimal leak-proof technology)
- Type test approved acc. to VdTÜV 100 (TÜV Nord)
- Ideal for steam and hot water generators acc. to DIN EN 12953 (TRD 421), e.g. shell boilers

Your complete safety system! – NEW! SAFE / SAFE SN now with “SHR”* and with removable lifting aid as standard

ARI-SAFE



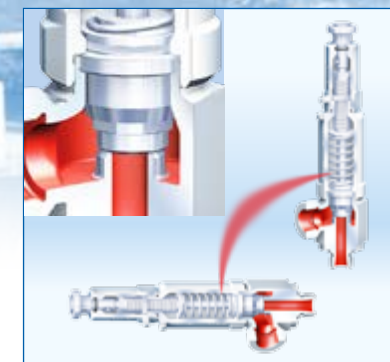
Simplified servicing: removable lifting aid as standard (makes relapping the plug much easier). Property rights granted.



Two-fold safety: stainless steel bellows with separate balanced piston as standard



Optional EPDM bellows seal protects the stem from corrosion and sticking; soft sealing plug ensures reliable tight sealing; standard on SAFE heating valves SAFE Fig. 903



SAFE TCS thread connection with special plug guide: also suitable for horizontal installation



Integrated sensorics, proximity switch; used to return the feedback signal to the control room

Greater Efficiency:

- Advanced design features (raised seat in CrNi steel, better flow characteristics due to contouring of flow area as well as accurately guided plug and stem)
- Extended size range: now DN 15-250
- Simplified servicing: removable lifting aid as standard
- Suitable for chemical applications: can be upgraded with rupture disc, stainless steel bellows seal and proximity switch

Greater Reliability:

- Type test approved acc. to VdTÜV
- ASME certification from the U.S. National Board
- Balanced piston and protective rim as standard with stainless steel bellows
- Minimum emissions (stainless steel bellows seal available as an option for SAFE / SAFE-P / SAFE-TC)

Higher Profitability:

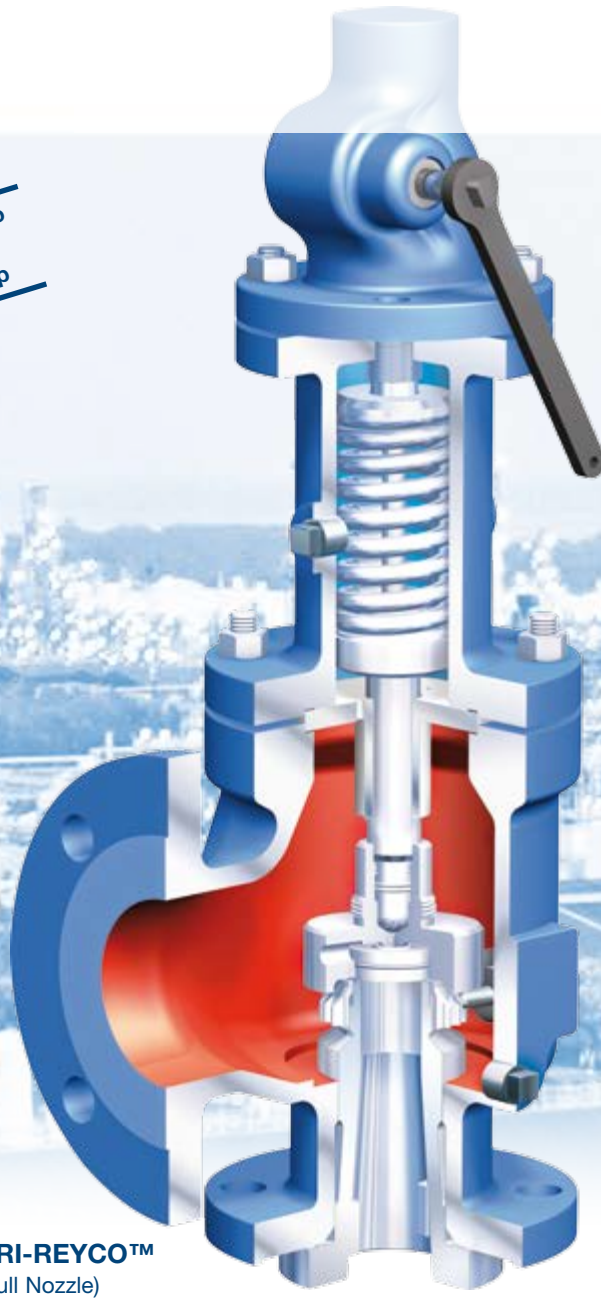
- Cost savings (extended life through hardened plug)
- Simplified servicing through removable lifting aid at the plug (standard version)
- Long lifetime (springs cathodic dip-painted)
- Straightforward product range: economical spring selection (large, uniform set pressure ranges)

- More efficient: ARI-myValve® sizing software ensures correct / economical valve selection
- New SAFE-Check service for testing installed safety valves (patent-pending test device that works without increasing the boiler pressure or interrupting operation of the plant; absolutely no media loss)

Complete range acc. to API 526

ARI-REYCO™

Certified acc. to ASME Code with UV Stamp



ARI-REYCO™
(Full Nozzle)



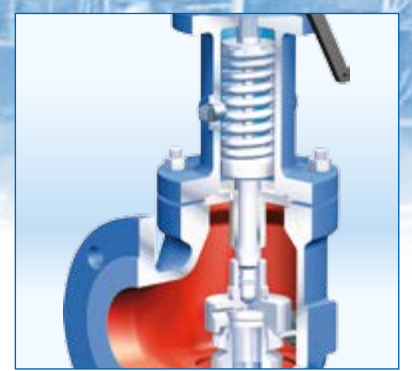
ARI SAFE SN
(Semi Nozzle)



ARI-REYCO™: Accurately guided nozzle (nozzle thread close to the seat) for precise repeatability of the set pressure



ARI-REYCO™: Flip-over plug – double sided sealing system assures simple handling, easy servicing and longer service life



ARI-REYCO™: Two-piece stem means optimal guiding of the plug on the seat

Accurate response, flip-over plug, optimal plug guiding – up to 6000 psi (414 bar)!

- Reliable and durable: precise repeatability of the set pressure and increased service life due to the accurately guided nozzle (nozzle thread close to the seat)
- Durable: increased service life due to protection against crevice corrosion (nozzle thread close to the seat)
- Simple handling: easy to service due to the flip-over plug (double sided sealing system)
- Reliable: high level of reliability due to the optimal guiding of the plug on the seat (two-piece stem)
- Flexible: multifunctional conversion in a few simple steps thanks to the modular system (standardised trim)
- Simple handling: straightforward replacement of the plug sealing plate
- Flexible / simple handling: broad array of applications due to the standardised O-ring soft sealing plug
- Simple handling: identical nozzle ring for each orifice size (code letters)
- Durable: increased service life due to the corrosion-resistant bellows seals made of standard Inconel 625; the bellows also provides backpressure compensation as standard
- ARI-REYCO™: certified safety due to EC type examination (module B), quality assurance system (module D) and declaration of conformity acc. to PED 97/23/EC
- Suitable for oil and gas processing (ARI-REYCO™)

* Steam / Hot Water Resistance

Type EN and ANSI:
Direct-loaded, spring-loaded

Options:
Closed bonnet, open bonnet, with / without lifting device (gas-tight)

Features:
EPDM bellows seal, stainless steel bellows seal, soft sealing plug, rupture disc

Applications:
For relieving vapour, gas or liquid pressure from pressure vessels and steam boilers as well as for steam

EN standard:
Nominal diameter: DN 15-250
Nominal pressure: PN 16-100
Set pressure: 0.2-100 bar

EN materials / temperatures
EN-JL1040 -10°C to +300°C
EN-JS1049 -10°C to +350°C
1.0619+N -60°C to +450°C
1.4408 -60°C to +400°C
1.4581 -60°C to +400°C

Requirements:
DIN EN ISO 4126, VdTÜV leaflet 100, TRD 421 / 721, AD2000-A2

ANSI standard
NPS 1/2"-8"
Class ANSI 150-2500
Set pressure: 5-6000 psi (414 bar)

ASME materials / temperatures:
SA216WCC
-20°F to +800°F (-29°C to +427°C)
SA217WC6
-20°F to +1000°F (-29°C to +538°C)
SA351CF8M
-400°F to +1000°F (-240°C to +538°C)

Requirements:
ASME Code Section VIII Div. 1, API526

ARI product diversity

Control



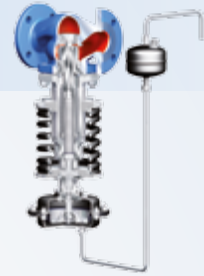
Control valve
STEVI® Smart
(Series 423/463, 425/426,
440/441, 450/451)



STEVI® Vario
(Series 448/449)



STEVI® Pro
(Series 422/462, 470/471, 472)



Control without auxiliary power
PREDU® / PREDEX® / PRESO® / TEMPTROL®

Isolation



Process valve
ZETRIX®



Butterfly valve
ZIVA®



Bellows sealed valve
FABA® Plus, FABA® Supra I/C



Stop valves with gland seal
STOBU®

Safety



Safety valves (DIN)
SAFE



Safety valves
SAFE TCP



Safety valves (API 526)
ARI-REYCO™

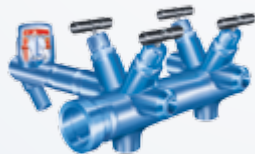


Safety valves (ANSI)
ARI-REYCO™ RL-series

Steam trapping



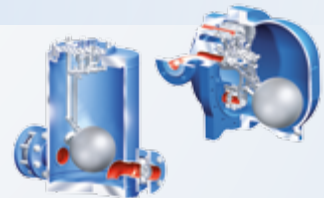
Steam traps CONA® (mechanical ball float / thermostatic bimetallic and membrane / thermodynamic), **monitoring systems**
CONA® Control



Manifolds
CODI® for collecting and diverting purpose



Steam trap with multi-valving technology CONA® "All-in-One" (incl. stop valve, inside strainer, back-flow protection, drain valve)



Mechanical pump systems
CONLIFT®, CONA® P

Profit from diversity made by ARI.
Please don't hesitate to ask for more information!



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