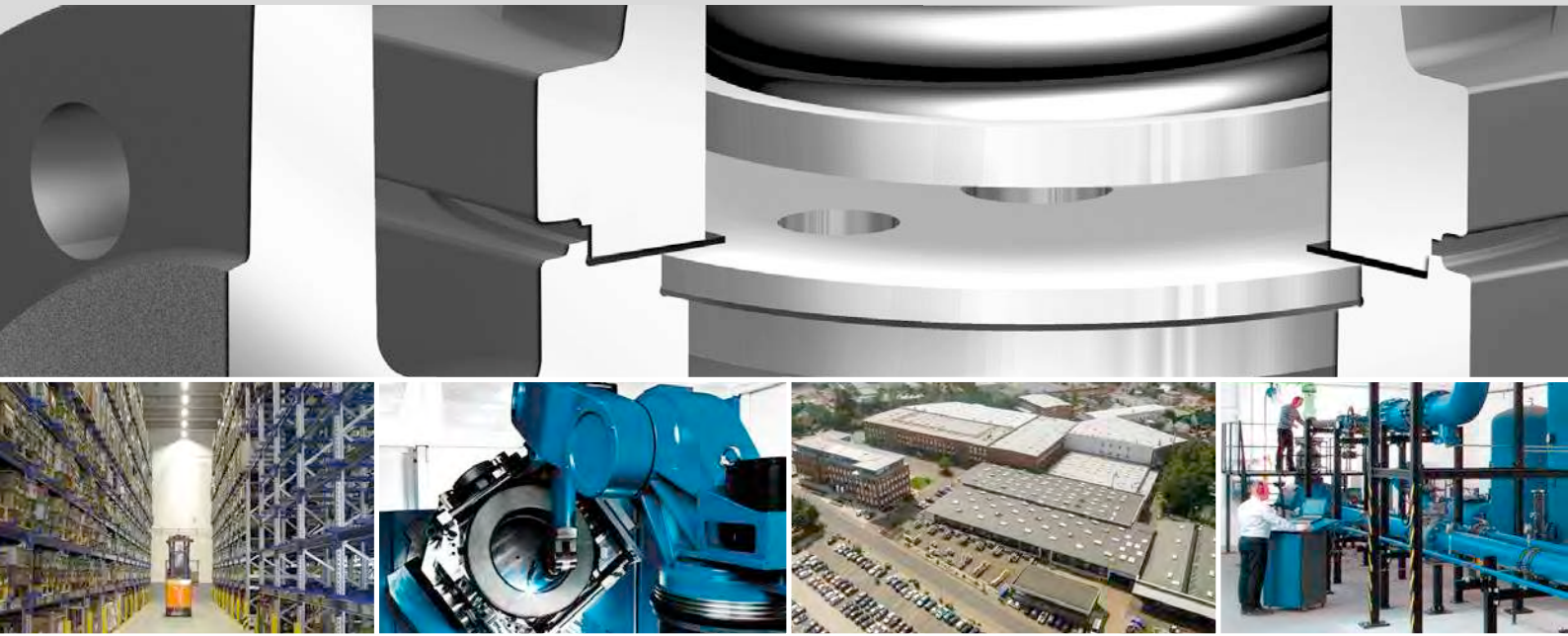


Diversity, Safety, Performance – **YOUR STRONG PARTNER FOR YOUR INDUSTRY!**



ARI-Armaturen
Albert Richter GmbH & Co. KG

Corporate Information



General information

ARI-Armaturen is a leading international developer, manufacturer and distributor of valves as well as complementary services linked to control, isolation, safety and steam trapping of liquid and gaseous media. We offer an extraordinary wide range of products for different market segments.

The international group is family owned with its headquartered in Schloss Holte-Stukenbrock (Germany) and with subsidiaries strategically located around the world. With a total work force of more than 1.000 employees spread all over the five continents.

ARI-Armaturen's Philosophy is based on Performance, Reliability, Experience, Competence, and Responsibility

The company values are rooted in the international minded and cross cultural relationships. Continuous efforts to improve the economic, environmental and energy performance of all production processes are an integral element of our corporate philosophy. ARI-Armaturen pays high attention to its social & corporate responsibility towards customers, staff and society in general as well as to long-term partnerships with our customers.

Our markets:



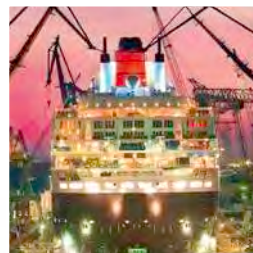
Chemical Industry: refining / petrochemical, mid-downstream, organic chemicals, alcohols, polymers and others



Plant Engineering / EPC: power plants, oil & gas, metallurgy, paper, engineered wood manufacturing



Industry: food and beverages, power plants & renewable energy, steelworks, district heat, building materials, wood, pulp and paper, tyres, hot water & steam, thermal oil, refrigeration



Shipbuilding: cooling water systems, ballast water systems, exhaust gas and auxiliary boilers, HVAC systems



HVAC: heating, air conditioning and cold water, district heat, hot water & steam

History



1950

Formation of ARI-Armaturen GmbH & Co. KG by Albert Richter

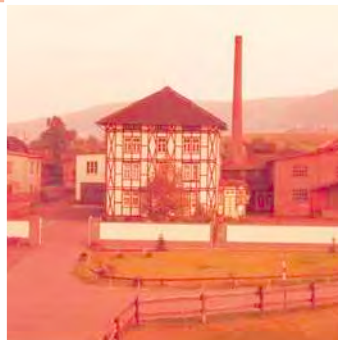


1952

Acquisition of the company by Brechmann family

1969

New facility opens in Homberg/ Efze, Hesse, Germany



1999

AWH Armaturenwerke Halle GmbH, Saxony-Anhalt, Germany with CONA steam traps joins the ARI group



2012

New ARI product: ZETRIX process valves



2013

Started manufacturing the full range of API safety relief valves at our location in Houston Texas

History & Milestones

ARI can look back on a tradition of more than 60 years as a competent partner for different industries. In 1876 the owners of ARI-Armaturen, the Brechmann family, started with a foundry. Today the foundry is part of the "Brechmann Group" known under its company name "Brechmann Guss", specialized in spheroidal cast iron. 1950, almost 80 years later, the family Brechmann started the production of valves, by taking over a small German valve company called "Albert Richter". The incorporated company name was ARI-Armaturen GmbH & Co. KG. And over the years, the acquisition of various companies and portfolio extensions followed.

Operating in more than 60 countries worldwide, we are a company with a global reach. Our strong global footprint makes us the first choice for high quality heavy duty valves to comply with global legislation, for protection & integrity of your assets.

Manufacturing Facilities



We manufacture high quality heavyduty valves in line with the latest standards at three locations in Germany with a total area over 100,000 m².



Schloß Holte-Stukenbrock

- International group headquarters
- Training centre
- Research & development
- Centre of responsibility for complete product range up to 4" (DN 100)
- Centralised quality management
- Engineering



Homberg (Efze) Holzhausen

- Centre of responsibility for ZETRIX triple offset valves & complete product range from 4" (DN100) to 48" (DN 1200)



Armaturenwerk Halle GmbH (AWH)

- Centre of responsibility for steam product ranges CONA steam trapping & CODI compact manifolds and strainers
- Training centre
- Engineering

ARI Worldwide



Global Operations

Your global partner with a global footprint.

The ARI Group is your strong partner worldwide with 16 branch offices and sales partners in more than 60 countries. Supporting & advising customers, supplying local stocks largely to meet regional demands.

Europe

ARI-Armaturen Albert Richter GmbH & Co. KG
 ARI Armaturen UK Ltd
 Comeval Valve Systems, S.L.y Cia. (Spain)
 ARI-Armaturen France S.A.R.L.
 ARI-Armaturen Italia SRL & C. SAS
 ARI-Armaturen GmbH (Austria)
 OOO ARI Armaturen RUS (Russia)
 ARI-Armaturen A/S (Denmark)
 Högfors Oy (Finland)

Middle East

ARI-Armaturen Middle East FZE (Dubai)

Asia Pacific

ARI-Armaturen Trading (Shanghai) Co.Ltd.
 ARI-Armaturen SDN BHD (Malaysia)
 ARI-Armaturen (Singapore) PTE Ltd.
 ARI Armaturen Steamline LLP (India)

Americas

ARI-Armaturen USA, LP
 BERMO Valvulas e Equipamentos Industriais Ltda. (Brazil)

Our distribution partners to sell & deliver our products to customers in a defined geographical region, you can find us in...

Algeria • Argentina • Australia • Bahrain • Bangladesh • Belarus • Belgium • Bolivia • Bulgaria • Canada • Chile • Colombia • Croatia • Cyprus • Czech Republic • Dom.Rep. • Egypt • Estonia • Ecuador • El Salvador • Greece • Guatemala • Honduras • Hungary • Indonesia • Iran • Israel • Jordan • Kenya • Korea • Kuwait • Latvia • Lebanon • Lithuania • Mexico • Morocco • Netherlands • New Zealand • Nigeria • Norway • Oman • Pakistan • Peru • Poland • Portugal • Qatar • Romania • Saudi Arabia • Serbia • Slovakia • Slovenia • South Africa • Syria • Sweden • Switzerland • Taiwan • Thailand • Tunisia • Turkey • Ukraine • Uruguay • Vietnam

Please refer to our website under ari-armaturen.com/contact/ari-international/ for contact details.

Engineering



We Can Engineer from Conception to Completion to meet the Customer & Industry Requirements

The whole manufacture cycle starts in our product design and development where our teams of expert engineers apply the latest mechanical generation of tools; e.g. finite elements, flow simulations, fire safe tests, characteristic measurements and contact angle calculations to engineer the products. A lab team and a system support team work alongside them. ARI's development proceeds with cooperation of engineers and technological institutes around the world.

Our products are tested under the most stringent conditions possible using our in-house experimental facilities.

Maximum precision is also a key priority in all our production processes. Powerful machining centers, automated assembly cells, programmable assembly robots and a highly qualified team of staff are vital prerequisites of top-quality product solutions specially tailored to your individual requirements.

Other tasks performed in our design and product department are for example:

- Verification of international valve standards
- Ensuring the compliance of our designed products to the above standards
- Obtaining international approvals and product enhancement records
- Quality control inspection points with pattern makers
- Full traceability and records of the manufacturing drawings
- Ensuring compliance with applicable directives (for ex. PED, API)



Manufacturing and Logistics



The Benefit for You: Optimal Reliability and Efficiency

Modern technologies are the key to optimal safety and reliability.

Our products are manufactured at three different locations – all of them in Germany – promptly and according to rigorous quality criteria.

We are working with flexible working capacities in all production facilities located in Germany. An integrated central control system enables the ARI production management to react immediately on production peaks.

Our machine park consists of more than 200 up-to-date state of the art machines used for the production of our offered industrial valves. We are using machining centers, CNC-automated turning centers / lathes and automated assembling and testing units. In general, the average age of all machines is below ten years.

Centralized Logistics to Meet Your Daily Demands

ARI's central logistic centre in Schloß Holte-Stukenbrock is equipped with road access, big forecourt, spacious off-loading and loading possibilities for trucks.

The big warehouses for raw, semi-finished and finished material/products includes more than 15,000 storage bins.

ARI cooperates with various freight forwarders to transfer the goods to your destination address. In addition to transport by road, ARI is certified to proceed dispatch by air and sea freight, according to the latest INCOTERMS.

We are not only strategically located centrally in Germany, we are central to the whole of Europe: The major A2 highway artery is within 5 km; we are central to the international airports of Dusseldorf (120 km), Hanover (105 km) or Frankfurt in a range of nearly 300 km. Shipment is possible from international ports, for example Hamburg or Amsterdam / Rotterdam, only 250-300 km away.

Testing & Inspection



Regulatory Compliance to meet with Market & Industry Demands

By Performing Functional Tests We are meeting Compliance with the Following Applicable Standards:
API 598, EN 12266-1

These above standards govern the level criteria of time / testing pressure and media to be applied on the finished valve before dispatch. ARI applies automated assembling and testing units as well as testing facilities for steam, water and hot oil. All testing and material qualities are registered by our certificate management.

The two major standardized tests are hydro- and leakage tests, each one determining the tightness at atmospheric or sealing level. Hydro- and leakage tests are carried out at our facilities through automated testing benches.

The three-dimensional measuring system allows the process valves to be compared with 3D data, which is subsequently evaluated and saved on a PC. The measurements are carried out directly in the machine to ensure reliable production processes.

The range of visual, functional and NDT's are put together in our inspection & tests plan sheets when a third party or end customer control has been required. It is coded within our QA system. The tests are subject to third party inspection at the request of the customer.

All testing equipment is annually calibrated and certified by independent qualified bodies according to the QA system procedures.

Other external special tests are also subcontracted with independent laboratories and technical institutes and are comprehensive of ultrasonic tests, radiographic tests, mechanical and chemical tests, fire safe tests, migration tests, seismic tests and others under agreement.

Quality Management



Your Satisfaction – Added Safety Through Certified Quality

Profit from certified safety to DIN EN ISO 9001:2015. Our continuous quality monitoring throughout all phases of the production process is documented in some twenty system approvals from acceptance bodies and classification societies like

- PED
- Det Norske Veritas (Norway)
- Lloyd's Register Quality Assurance
- German Lloyd
- SELO (China)
- CCS (China)
- Korean Register
- Russian Maritime Register of Shipping
- EAC (Eurasian Conformity)
- TÜV
- And many more...

With the adoption of an environmental and energy management system (ISO 14001:2015 and ISO 50001:2011) ARI entered into an ambitious commitment: to make the efficient use of energy a top priority and reduce CO2 emissions through sustainable and environmentally responsible behaviour.

Our detailed QHSE-Pack is available upon request.



Aftersales Service



Aftersales Service

When the valves are installed, ARI offers resetting of valves, actuator assembly, adjustments of actuators and control accessories, leak sealing, detection of steam leakage and technical support, safe-adjustment and steam trap surveys.

Thanks to our dense sales network, expert advice and service is available from a qualified sales partner local to you in more than 60 countries worldwide as well as from our global ARI branches.

In order to actually recognize the problems transmitted by the customer and to correct these specifically, the service team, responsible for the action locally, will then arrange a time and date to provide a solution in the quickest possible way.

Stipulations on site which have an influence on the quality will be reported directly to the QC in order to ensure if applicable intervention can be carried out in production.

The employees of the customer service are trained in the individual product groups to offer real-time support globally & to manage our continuous improvement program.

Seminars / Trainings

ARI offer seminars / trainings to profit from over sixty years of experience in valves & one hundred and twenty five years in steam systems business & process fluid control. They are available at customer locations, in several branches or in the state of art training centre in the global HQ in Germany

myValve

Your valve sizing program with different modules for control, isolation, safety and steam trapping. In the integrated databank you'll find more than 160 media with different conditions and, of course, all ARI valves. You can obtain a direct output of your calculation and product data in PDF format.

Spare Parts Service

The spare part drawings in myValve show you the parts of the valves which can be exchanged. ARI offers a delivery within a narrow time frame.



Our Team for the Future



As a family owned company, which is already in its third generation, ARI has a duty to the generations of the future in everything it does. ARI has traditionally looked beyond short-term success to create, secure and build on long-term achievements and values.

ARI-Armaturen is a continuously growing and developing company. Furthermore ARI-Armaturen regularly educates and qualifies its own employees within the system of dual professional education for all areas of the company (including university graduates).

All ARI-Armaturen employees have an apprenticeship on their specific jobs according to German law. They have been chosen by their experience.

Service Personnel

Our service personnel are experienced for years. New service personnel are specially trained in the company by our experienced engineers. New employees accompany our service personnel for a minimum of 3-5 field services before they can go for smaller jobs on their own.

Office Personnel

All our office clerks have a dual professional education. Once they start at ARI-Armaturen, they get an intensive training on the job including product trainings. For launching these activities our experienced personnel is responsible.

Engineering Personnel

All of our engineering personnel have an university graduate degree as technician and engineer or equivalent. They are trained on the specific conditions at ARI-Armaturen several months before they are given the responsibility for a project or job.

Mechanical Assembly Personnel

All mechanical assembly personnel are given training on-the-job by an experienced assembly worker. They get an intensive training which enables them to have an overview over the production process and make them versatile deployable within the whole company.

Electronic Assembly Personnel

All employees working in this department are specially trained for their jobs and therefore qualified to assemble the electronic components at ARI-Armaturen. Additionally they get training on ARI-Armaturen electronic modules.

Welding Personnel

Qualifications in this field are preconditions for hiring new personnel. Additionally, the welders get tested and receive training on-the-job for ARI-Armaturen specific conditions. The welders' qualifications are certified by nominated bodies, i.e. German TÜV.

Control – Isolation – Safety – Steam Trapping – Systems

ARI Product Range

Control



Control valves
STEVI® Pro



STEVI® Vario



STEVI® Smart (BR 423/463)



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

Isolation



Triple Offset Valves
ZETRIX®
Double Offset Valves
ZEDOX®



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



Stop valves with gland seal
STOBU®



Butterfly valves
ZESA®/GESA®/ZIVA®

Safety



Safety valves (API 526)
ARI-REYCO®



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



Safety valves (DIN)
SAFE



Safety valves
SAFE TCP

Steam Trapping



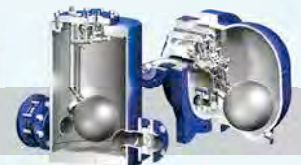
Steam traps
CONA® (mechanical ball float /
thermostatic bimetallic and
membrane / thermodynamic)



Manifolds
CODI® for collecting
and diverting purpose



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



Mechanical pump systems
CONLIFT®, CONA® P

Systems



e.g. pressure reducing station
PREsys®



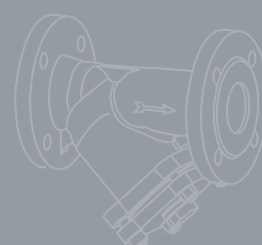
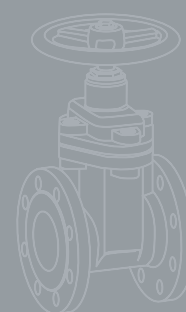
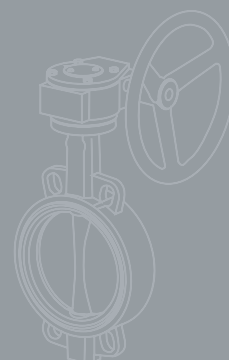
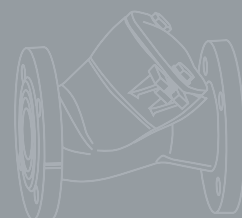
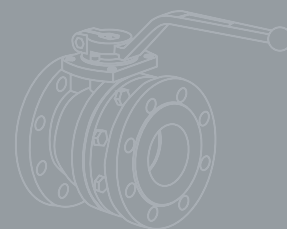
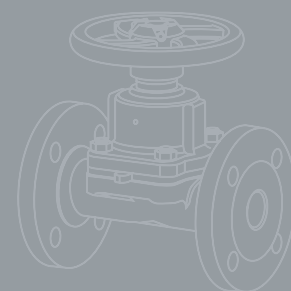
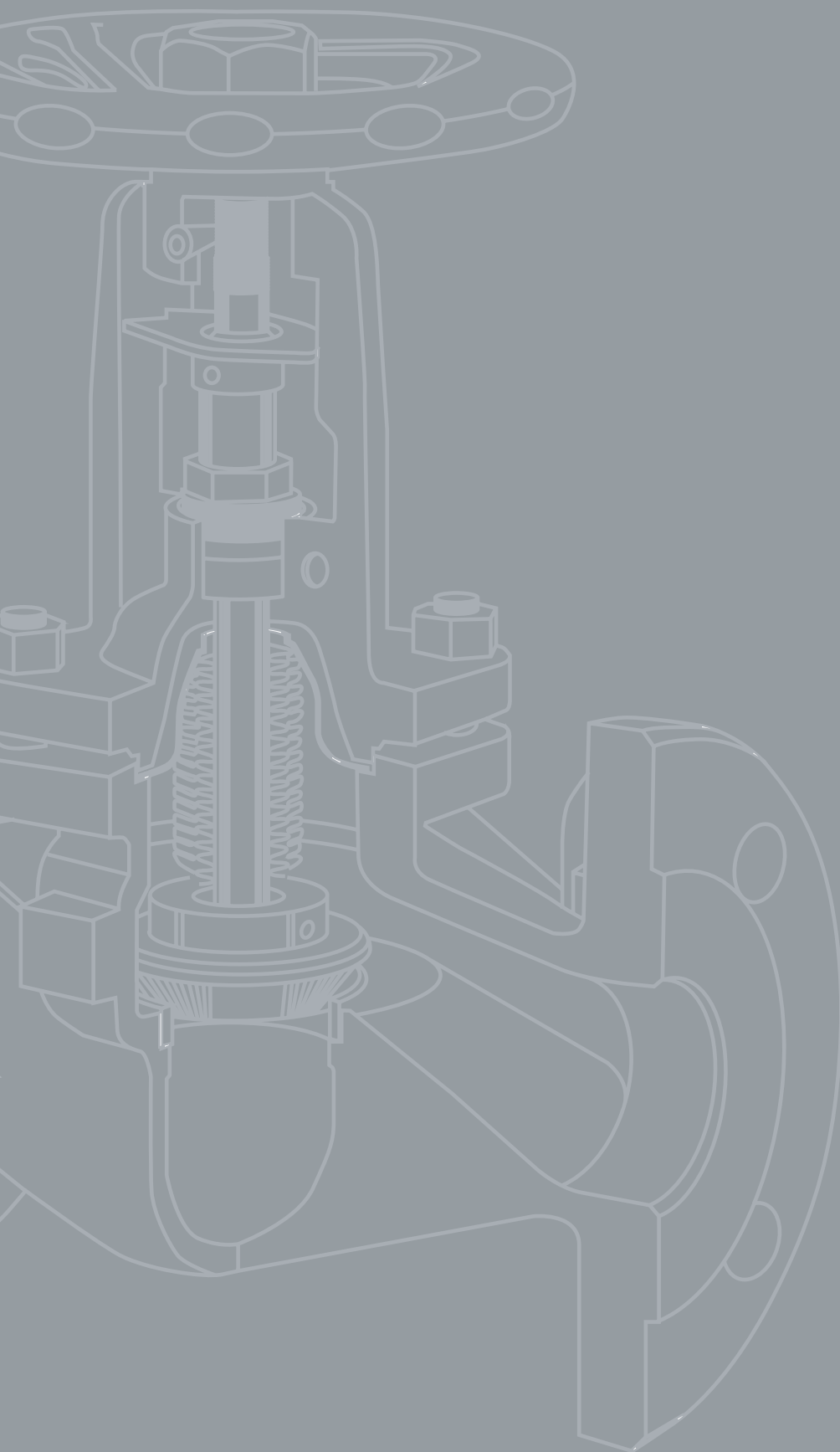
e.g. heat exchanger
ENCOSys®



e.g. condensate return system
CORsys®



**e.g. feedwater tank
with deaerator dome**



www.comeval.es