



BORSIG

**Valves and
valve services**

BORSIG ValveTech GmbH

**Think.
Create.
Change.**



Valves and valves services



BORSIG ValveTech GmbH is a renowned supplier of high-pressure control and shut-off valves for demanding operating conditions. Our range of services includes the design, manufacture and maintenance of these specialised valves. We also offer a comprehensive range of valve-related services.

Customised solutions

Each valve is customised to the respective application. High-quality materials such as duplex, super duplex and other special materials are used.

Innovative product programme

BORSIG offers a wide range of valves that have been specially developed for extreme conditions. They are particularly indispensable in gas compressor and storage stations.

Quality and reliability

BORSIG stands for precision, durability and maximum reliability. The products fulfil the highest requirements and are designed for a long service life.

In the world of high-pressure valves, BORSIG sets standards and proves its technical excellence time and time again.

Our product range:

- control ball valves
- isolation and emergency shut-off ball valves
- desuperheaters
- valve services and spare parts



CONTROL SPHERE®

control ball valves

BORSIG ValveTech GmbH offers comprehensive product and service solutions for use in the power generation, oil and gas, chemical and petrochemical industries.

We design and manufacture high quality control valves tailored to your specific plant processes.

Our control valves product line has been developed for applications where high differential pressures and the widest possible control ranges are required.

Sizes

NPS 1" - 36"
DN 25 - 900

Class

ANSI 600 - 2500
PN 100 - 420

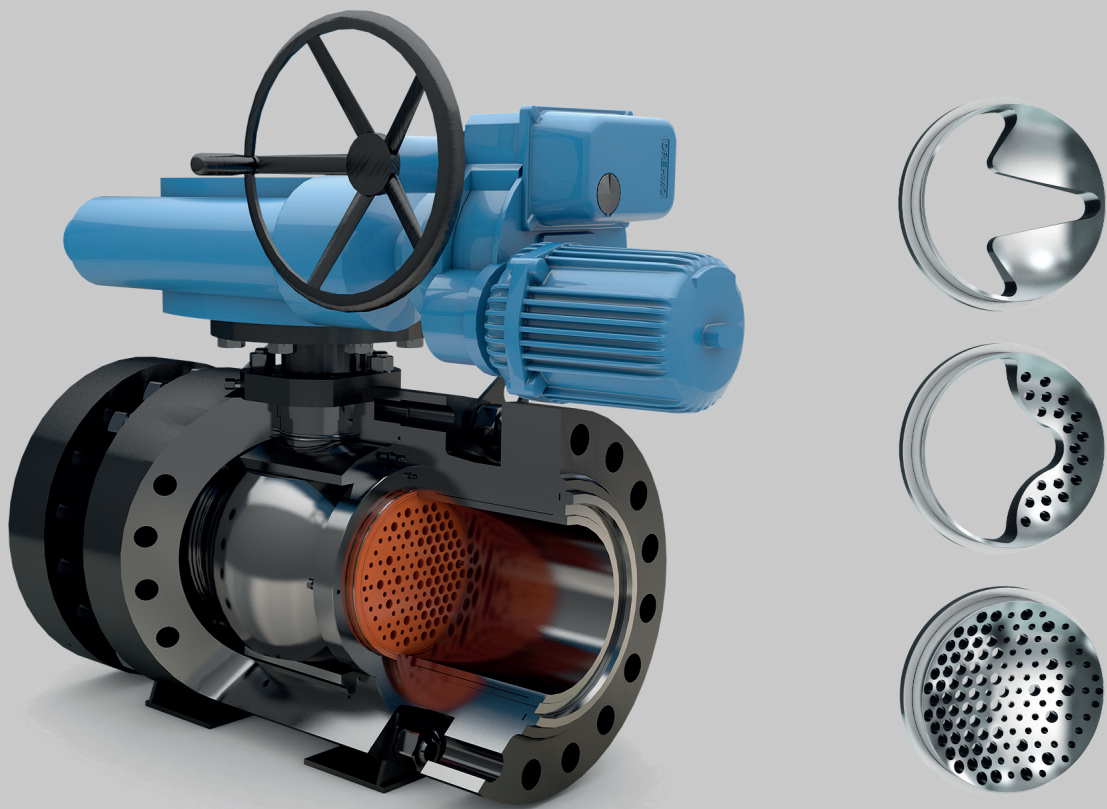
Sealing technology

True metal-to-metal sealing

Design

- split body
- top entry
- fully welded





Features

- control disc for linear, equal-percentage or individual cv
- multi-stage pressure reduction
- antistatic design
- single or double piston effect
- double block and bleed
- bi-directional
- fire safe test acc. to API 67 & ISO 10497

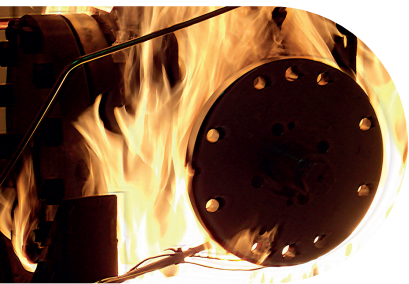


SUPERBLOC®

isolation & emergency shut-off ball valves

As operators face the increasing challenge of improving efficiency and flexibility in their systems, they must also consider the need for valves that can withstand extreme operating conditions.





High temperatures, pressures and frequent load changes require solutions that minimise downtime and ensure plant safety.

The shut-off and safety ball valves from BORSIG ValveTech GmbH are designed to meet these high demands.

They are extensively tested to their limits to ensure 100% system shut-off.

Sizes

NPS 1" - 35"
DN 1 - 1400

Class

ANSI 600 - 2500
PN 100 - 420

Design

- split body
- top entry
- fully welded

Features

- safety shut-off function
- fire safe test acc. to API 67 & ISO 10497
- anti-static design
- single or double piston
- double block and bleed
- anti-blowout stem
- vent and drain connection
- emergency sealant injection
- bi-directional

Desuperheaters

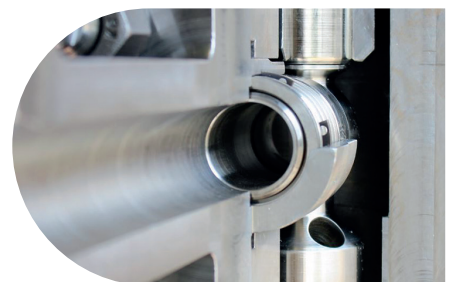
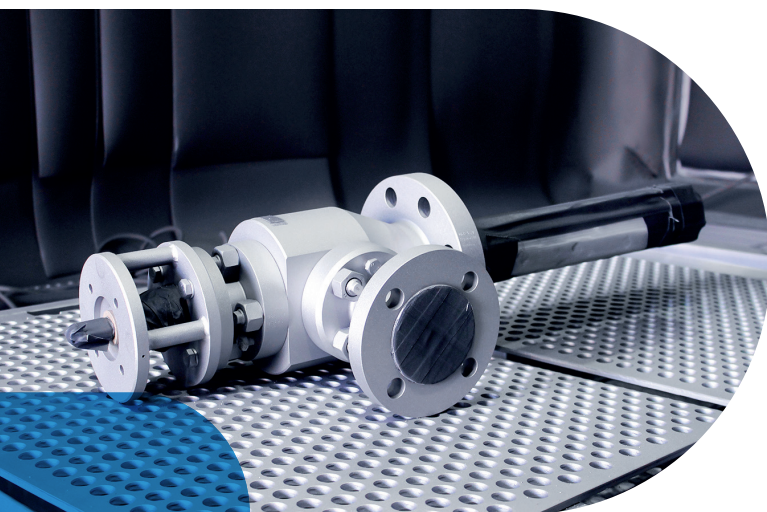
temperature control of superheated steam

The use of desuperheaters to control the temperature of superheated steam is critical to the performance of modern power plants and boiler systems.

BORSIG ValveTech GmbH offers highly efficient desuperheaters that ensure effective vapour cooling with minimal mixing. These coolers contribute significantly to the overall efficiency of the system.

Cooling is achieved by targeted injection of cooling water directly into the vapour stream via an integrated ball valve system. This provides a complete seal to the outside,

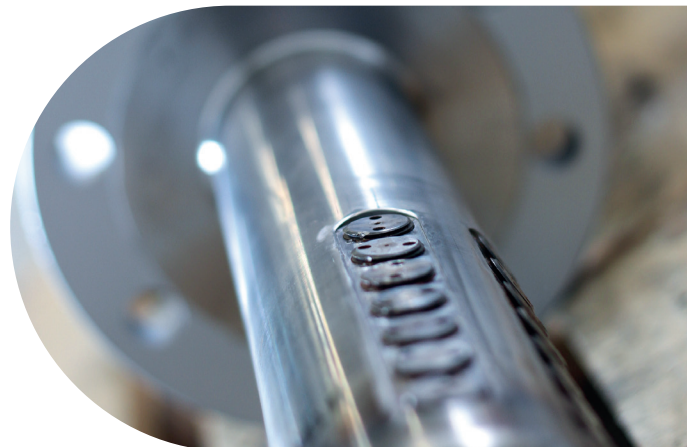
preventing water accumulation in the piping system and reducing wear on the steam turbine blades.





Features

- shut-off function by integrated ball valve system
- multistage pressure reduction
- linear, equal percentage or individual control characteristic
- decreased wear of sealant system due to rotating movement
- easy maintenance and exchange of spare parts
- single piece design for maximum mechanical integrity
- no weld joints on pressure retaining components
- no need of additional feed water regulation valve



Valve services and spare parts

Maintenance, repair and modification

BORSIG ValveTech GmbH is your reliable partner for valve service and spare parts in industry, especially for ball valve spare parts, both for older BORSIG models and for third-party makes.

Thanks to our close cooperation with the original spare parts manufacturers, we offer a comprehensive service for the maintenance

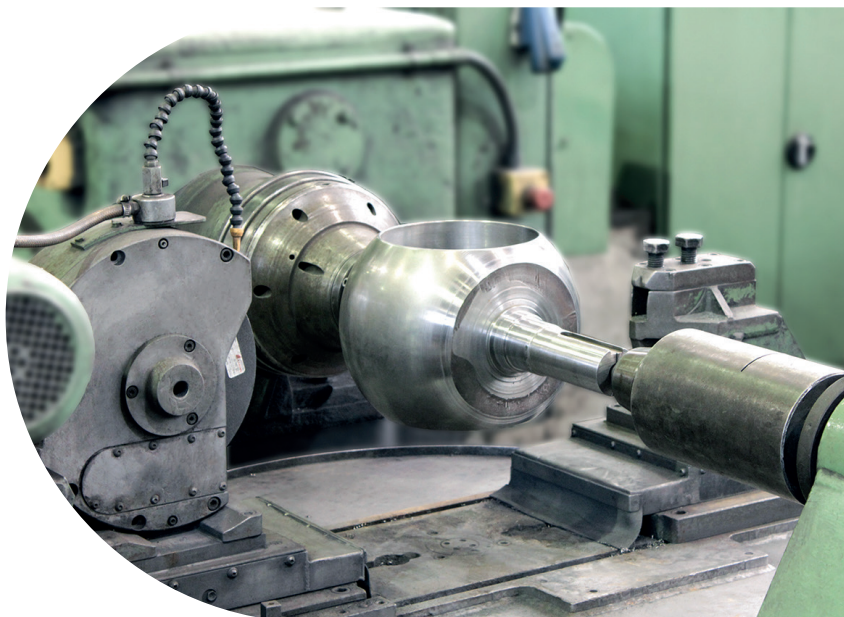
and repair of valves. In our workshop we manufacture or recondition spare parts such as balls or seat rings quickly and competently using modern machinery such as ball turning and grinding machines.





Our services at the locations at Berlin and Gladbeck include:

- on-site assembly
- in-house repairs of ball valves
 - BORSIG ball valves
 - third-parts products
 - safety valves
 - gate valves
 - butterfly valves
 - actuators
- sizes
25 to 2,600 mm (DN 1" - 104")



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