



COMPANY

HISTORY

LOCATIONS

PERFORMANCE

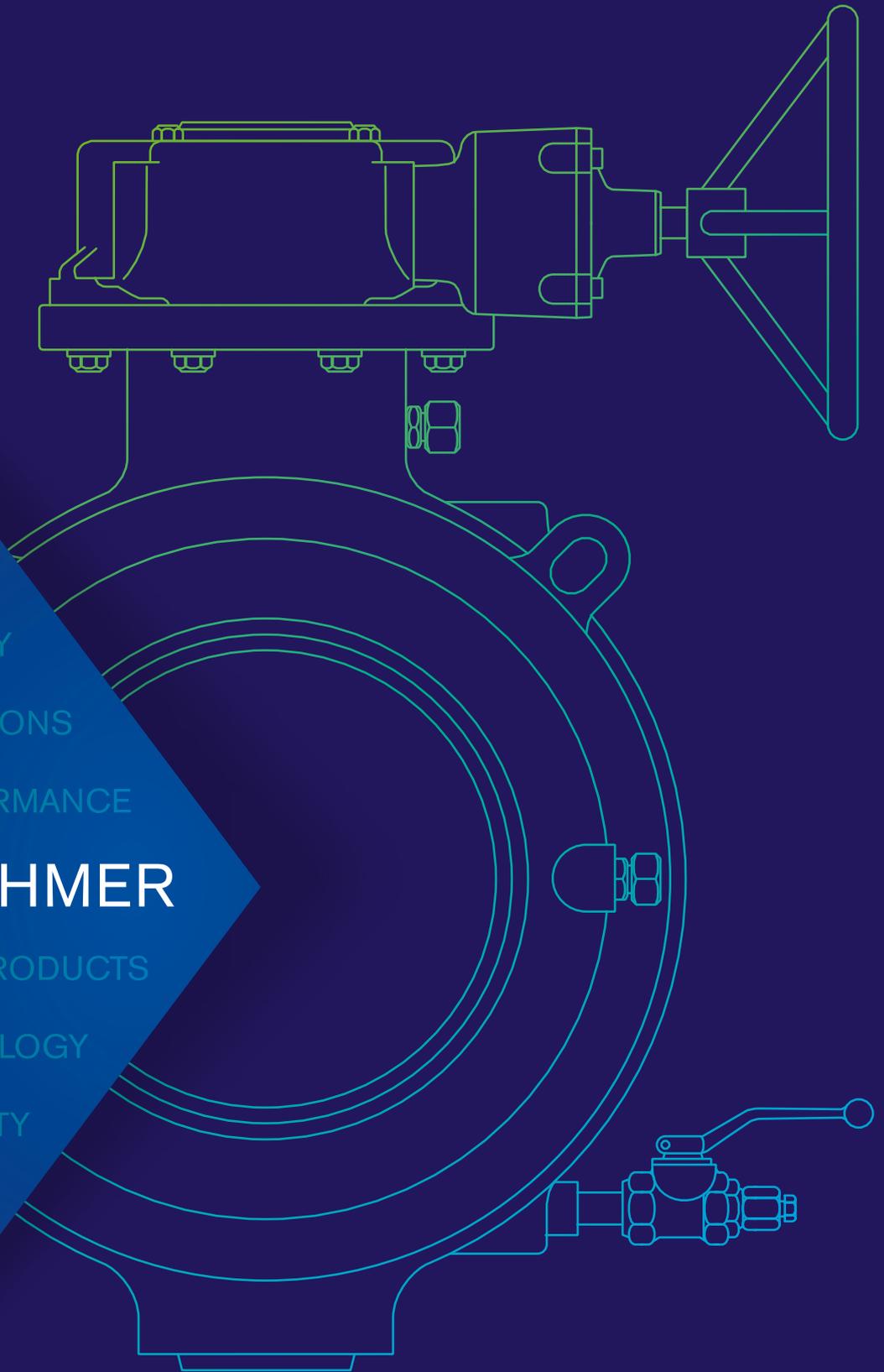
THIS IS BÖHMER

PRODUCTS

TECHNOLOGY

QUALITY

APPLICATIONS



BÖHMER IS:

BALL VALVES

Böhmer is one of the leading manufacturers of ball valves worldwide.

Our strength: Application-optimized valves from DN 3 (1/8") to DN 1400 (56"). Our ball valves are used successfully in all areas of industry including the oil, gas and energy sectors.



Nominal size:
DN3 to DN 1.400
(1/8" to 56")



Pressure rating:
up to 800 bar
(CLASS 2.500)



Temperature range:
-180° C up to +650° C
(-292° F up to 1200° F)



Variations:
Fully welded / Split-body
2, 3 and 4-Ways
Weld Ends / Flanges /
Threaded Ends
Used above and below ground,
under water and in the air

100.000

DIFFERENT MODELS

AND YOURS

BÖHMER IS:

EXPERIENCE

Böhmer has been developing and manufacturing ball valves for industry since 1956.

In the meantime, we are able to look back with pride on 60 years of company history. The experience we have gained forms a reliable foundation for the past, present and future developments of our company.

1956

Foundation of the machine factory
Werner Böhmer GmbH

1961

Expansion of the product portfolio to
cover the areas of hydraulics, gas and
district heating

1972

Inauguration of a new
administration building

1974

Extension of the Sprockhövel plant with a
new production workshop

1987

Dr. Thomas Böhmer takes over man-
agement together with his father

1988

Construction of the fully-automatic
high-bay stores in Sprockhövel

1999

Opening of branch factory
in Hattingen

2006

Opening of the plant in
Shanghai, China

2011

Renaming of the company
in the more popular version
"Böhmer GmbH"

2012

Relocation of production in
China from Shanghai to Kunshan

2013

Opening of the plant in
Karaganda, Kazakhstan

2016

Company's 60th
anniversary

BÖHMER IS:

PERFORMANCE

Today, Böhmer is recognized globally as one of the leading manufacturers of ball valves.

Production generates a steady flow of goods and products. The resulting logistical challenges are met every day by our specialist staff and in this way provide a guarantee for the reliability for which Böhmer is well known.



12.000

WAREHOUSE ARTICLES



6.000 t

INSTALLED STEEL p.a.



1.500 cm³

METAL SHAVINGS p.a.



70.000

STANDARD RANGE ARTICLES



25 km

INSTALLED STEEL PIPE p.a.



250.000

BALL VALVES SOLD p.a.



600.000

INSPECTIONS CARRIED OUT p.a.



350

EMPLOYEES



30.000.000

INDIVIDUAL PARTS IN HIGH-BAY STORES



40.000

TECH DRAWINGS

BÖHMER IS:

GROWTH

The four Böhmer plants are symbolic for the demands and values set by the company as a whole.

Each plant reflects the growth and progress of Böhmer. And the plant network also shows how we fulfill the expectations on our market presence as global industry partner.

Main plant Sprockhövel, Germany
30,000 sqm total area, 23,000 sqm production area, office building and warehouse

Built in 1956, the main plant in Sprockhövel now consists of five production workshops and two administration buildings. Along with ultra-modern CNC machines, lathes and welding stations, as well as fully equipped assembly points, it also contains a fully electronic high-bay warehouse which keeps up to 70,000 different components available at all times.



Branch factory Hattingen, Germany
25,000 sqm total area, 17,500 sqm production area, office building and warehouse

The Hattingen branch factory was erected on the former factory site of the well-known "Henrichshütte" steel works. The plant's seven workshops have been designed for the efficient production of large valves of nominal sizes up to DN 1400.

Pressure tests on the ball valves are also carried out on site on test benches specially designed for this purpose. The adjoining office building is not only responsible for coordinating business processes; since 2000 it has also been home to both the national and international distribution center.

Branch factory Karaganda, Kazakhstan
30,000 sqm total area, 7,500 sqm production area, office building and warehouse

The plant in Kazakhstan is the youngest member of the Böhmer family. The works are located in a favorable area close to the capital city Astana.

This plant is currently responsible for the production of fully-welded ball valves specifically for the GUS states. The site offers adequate space for future expansion phases.

Branch factory Kunshan, China
10,000 sqm total area, 3,500 sqm production area, office buildings and warehouse

At this modern location, we manufacture ball valves designed specifically to meet the demands of the Asian economic region.

Similar to its affiliated plant in Kazakhstan, the site offers the necessary space to be well equipped to meet growing market demands in the future.

SYSTEMATIC

In this way, we are able in the best possible time to come up with the appropriate valve to suit our customers' needs.

Our ball valves consist primarily of components suitable for universal use. Because of this modular design, we usually have already a tried-and-tested solution on hand for most applications. If necessary, modifications can be made to the design or it can be completely revised. And in turn, new solutions become a new addition to the system. Always true to our word: Our experience – Your safety.



DEFINITION

In conjunction with you, our specialist consultants determine the specifications for your ball valve. More than **100,000** tried and tested models in our program form the basis in order to be able to find the **most practical** and, **simultaneously, most economical solution**.



DESIGN

The **design** and **materials** of the ball valve are matched perfectly to the **application conditions** specified beforehand.

In dialogue with you, this process guarantees **absolute suitability of the design**.



EXAMINATION

The design of the ball valve is initially examined meticulously in virtual form and then using prototypes and functional models. The various construction series are then **certified in accordance with statutory requirements**. Each ball valve is also subjected to a **pressure and leakage test prior to delivery**.



PRODUCTION

Series production is based on our modern warehouse management which keeps standard components available for **immediate collection**. Special parts are manufactured internally or provided by exclusive suppliers. Tried-and tested assembly routines make it possible for us to maintain our high standard of **delivery time reliability**.

BÖHMER IS:

QUALITY IN SERIES

The wide range of our immediately available model series is highly appreciated worldwide.

Our products are suitable for use anywhere where liquid, solid or gaseous media have to be shut off securely. We have specially selected model series constantly available so that we can meet demands appropriately at all times.

Split-Body Ball Valves with threaded ends



Multi-way Ball Valves with threaded ends or flanges



Fully welded Ball Valves with flanges



Fully welded Ball Valves with weld ends



 You can find out more here!

BÖHMER IS:

BROADLY POSITIONED

Our strength: Optimized solutions to suit individual applications.

Irrespective of whether threaded, flanged or welded, low or high pressure, desert or deep-sea: We meet your demands with the appropriate valve.

Split-body ball valve for gas

Valves of this series have been created to enable a high level of maintenance efficiency during their use in a system without any hindrance to their functionality.

District heating ball valves

Along with the natural design of our products for long periods of use and high temperatures, our district heating program also provides high flexibility under changing installation situations.

Sub-sea ball valves

In order to stand up to the operating conditions in sub-sea pipeline projects, we use highly durable materials such as duplex steel for our sub-sea ball valves. Sensitive areas such as seating ring pockets and spindle and bearing sections are strengthened additionally if necessary.

Stainless steel ball valves

Specially constructed for the transportation of salt water, for example from salt mines.

Fully-welded gas ball valves

With our certified welding process, we are able to manufacture ball valves that also withstand high tensile loads without suffering any loss to their absolute tightness to the outside. Meticulous tests in accordance with international regulations and our customers' requirements are the guarantee for the quality of our products.

Underground ball valves

The outstanding feature of our underground ball valves in particular is their maximum reliability and being maintenance free. In this segment, Böhmer offers technically sophisticated solutions for virtually every type of situation.



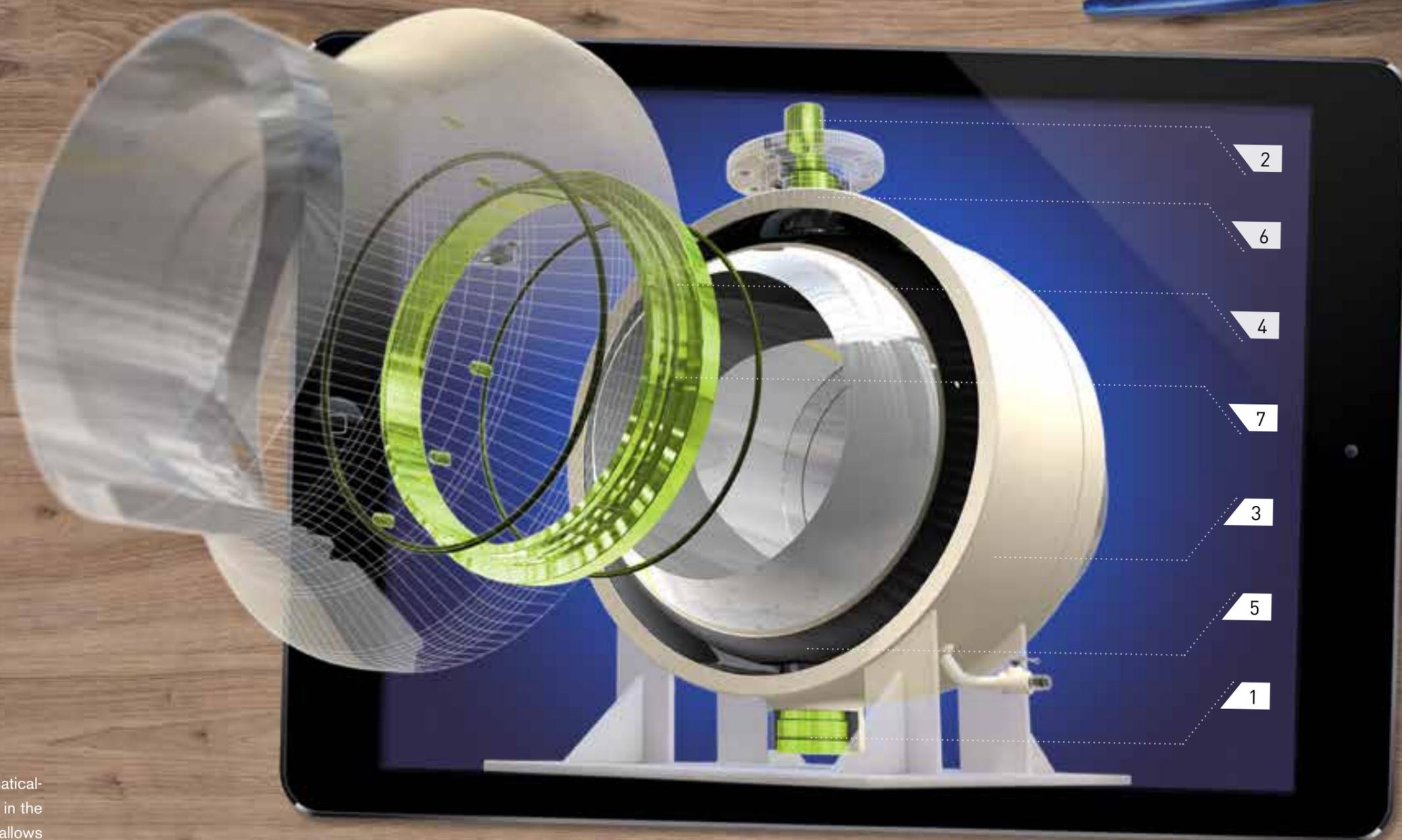
BÖHMER IS:

TECHNOLOGY

The optimum ball valve is created for you from a careful coordination of design, technology and materials.

As easy as the fundamental task of a ball valve may be, its operating conditions are highly varied and complex.

And the technology we use is correspondingly varied in order to ensure that Böhmer ball valves can be relied upon in every situation.



Seal variants



Single Piston System

This seat system is designed to automatically vent any excessive build-up pressure in the body cavity. The floating seat design allows for relieving the overpressure into the pipeline.



Double Piston System (DIB1)

With this design the seat rings tighten independently of the actual pressure relations. A redundant sealing system is created. Self-relieving of the cavity does not happen in closed position (optional in open position as well).



Double Block & Bleed

The upstream and downstream seat rings ensure the tight shut off to the cavity in closed position (optional in open position as well). This enables the verification of the tightness of the ball valve under full working pressure.

Design variants

- 1 Trunnion-mounted balls**
ensuring a lower torque especially for high pressure ratings.
- 2 Anti blow-out Stem**
The anti blow-out function is achieved by three independent sealing systems. These sealings are also replaceable under full line pressure.
- 3 Fire Safe**
The design ensures the fire safe requirements in accordance with the international standards as API 6FA, API 607, BS 6755 P 2 and ISO 10497.

- 4 Spring supported seats**
Böhmer ball valves provide spring supported seats. The seats are pressed against the ball surface by the spring elements and ensure a tight shut-off at low line pressure.
- 5 Anti-Static Device**
The ball valve design includes an electric conductive connection between the internal parts of the ball valve and the body, providing the anti-static function.
- 6 Emergency Sealing**
As an option, Böhmer ball valves can be delivered with an additional emergency sealant injection for the seat-rings and stem sealing.

- 7 Various sealing systems**
For every application, Böhmer offers the most suitable sealing system:
 - **Soft seals**
enable a wide spectrum of applications. Ball valves with plastic seals feature low torques.
 - **Primary metal, secondary soft seals (PMSS)**
Ensure high resistance to wear, as well as low sensitivity to dirt.
 - **Metal to metal seals**
well suited to high pressures and temperatures. They are resistant to wear and not sensitive to dirt and sedimentation.

BÖHMER IS:

CERTIFIED

Our ball valves are in use in the most sensitive areas. We are aware of our responsibilities and act accordingly.

Absolute operating safety without compromise is of prime importance at Böhmer. In order to ensure this, we have our products and our production processes tested meticulously and re-certified on a regular basis.

DIN EN ISO 9001

API 6D / API 6DSS

DIN-DVGW

EAC

EN 13774

EN 14141

TA-Luft

PED 2014/68/EU

Atex 94/9/EG

CRN

BS 5351

AD 2000 HP 0 (TÜV)

Fire Safe
acc. to BS6755/API6FA

Type approvals
(VdTÜV)

Safety Shutoff Units (SAE) acc. to EN 14382

and others



6D-0292
6D SS-0014



BÖHMER IS: WIDESPREAD

Our large number of regular customers is proof of the reliability of our solutions. The versatility of our ball valves is reflected in our application portfolio.

You will find Böhmer ball valves all around the world and in virtually every sector of industry.



Tunnel construction

Böhmer is one of the leading manufacturers of ball valves for tunnel boring machines.



Construction of power plants

Böhmer ball valves are in operation in all relevant sectors (gas, oil, district heating/steam, special gasses and fluid solid substances)



Sub-sea applications

For sub-sea applications, we manufacture valves according to the specifications and permits of our customers and also according to API 6D SS.



Onshore and offshore

Böhmer products, especially split body ball valves, are in use on onshore and offshore platforms throughout the world.



Shipbuilding

Our products are used extensively in freighter and tanker pipelines. But Böhmer ball valves are also used in shipyards, for example, at terminals for welding equipment.



Refineries and industrial plants

Our ball valves operate reliably in pipelines for products such as ethylene, propylene, propane, and butane, but also in the control of cracking processes.



District heating and steam

Insulated Böhmer ball valves prove their reliability in daily operation in aboveground and underground district heating networks, as well as in transfer stations.



Hydraulics / Pneumatics

Böhmer ball valves ensure reliable functioning of hydraulic and pneumatic machine components in construction and industry.



Ballooning

In lofty heights, Böhmer ball valves reliably control the burners of hot air balloons.



Gas storage

Böhmer ball valves are also used in gas stores where safety is particularly important, e.g. in SAE safety shut down units



Construction of pipelines

Böhmer ball valves ensure safe operation of transportation and distribution pipelines for gas and oil all over the world.

BÖHMER IS:

CLOSE BY

Our global distribution network makes it possible to achieve the best possible relationships to partners, customers and suppliers.

For us, quality doesn't just mean handing over a perfect end product to our customers. We aim to provide perfect advice right from the start. To achieve this, our global team of experts is at your disposal at all times.



Europe

Belgium
Böhmer Benelux B.V.
☎ +31 76 30 30 350
✉ info@boehmer-benelux.com

Denmark
PMC Technology A/S
☎ +45 7514 44 44
☎ +45 7021 21 22
✉ info@pmctechnology.dk

Finland
Oy Säätö Ab
☎ Telefon +358 9 759 7850
☎ +358 9 804 4724
✉ sales@saato.fi

Hytar Oy
☎ +358 14 447 44 77
☎ +358 14 447 44 99

France
KDI (District Heating)
☎ +33 1 341 894 44
☎ +33 1 341 894 49
✉ kdicsp@kdi.fr

Parker Hannifin
Manufacturing France SAS
☎ +33 2 99 25 55 00
☎ +33 2 99 25 55 99

United Kingdom
Parker Sales UK
☎ +44 1926 317878
☎ +44 1926 317855

Ireland
Valco Engineering Ltd
☎ +353 51 852669
☎ +353 51 852817
✉ info@valco.ie

Luxembourg
Friederich-Hydropart S.A.R.L.
☎ +352 54 52 44
☎ +352 54 52 48

The Netherlands
Böhmer Benelux B.V.
☎ +31 76 30 30 350
✉ info@boehmer-benelux.com

Austria
Hennlich GmbH & Co KG
☎ +43 7712 31 63-640
☎ +43 7712 31 63-24
✉ armaturentechnik@hennlich.at

Norway
Ellingsen Indutech AS
☎ +47 6715 1200
☎ +47 6715 1201
✉ olafsens@ellingsenindutech.no

Poland
Cibet REenergy Sp.z o.o.
☎ +48 22 57 39 733
☎ +48 22 57 39 757
✉ info@cibetreenergy.pl

Portugal
Semortrade S.a.
☎ +351 21 714 55 39
☎ +351 21 714 16 09
✉ info@semortrade.pt

(For Pneumatics und Hydraulics)
Gustavo Cudell, Lda.
☎ +351 22 6158000
☎ +351 22 6158011
✉ info-e+s@cudell.pt

Switzerland
Indufer AG
☎ +41 43 433 61 61
☎ +41 43 433 61 60
✉ info@indufer.ch

Slovenia
Justin Gorazd s.p.-ATIS
☎ +386 4 510 55 30
☎ +386 4 510 55 31
✉ justin@atis-sp.si

Spain
Macoga S.A.
☎ +34 981 68 00 00
☎ +34 981 68 02 38

Turkey
Böhmer Turkey
☎ +90 21 66 88 66 86
☎ +90 21 66 88 66 87

Asia

China
Melchers Techexport GmbH
Beijing Representation
☎ +86 10 65 25 77 75
☎ +86 10 65 12 35 05
✉ mte.machinery@bj.melchers.com.cn
Shanghai Representation
☎ +86 21 63 52 88 48
☎ +86 21 63 51 31 38
✉ mte@sh.melchers.com.cn
Guangzhou Representation
☎ +86 20 86 66 87 00
☎ +86 20 86 67 78 45
✉ mte.guangzhou@gz.melchers.com.cn

Indonesia
P.T. Melindo Dipta
☎ +62 21 531 1169
☎ +62 21 531 1179
✉ management@melindo.co.id

Iran
Pardis Design & Development A.A Co.
☎ +98 21 88637483
✉ info@pardisco.net

Kazakhstan
Boehmer Armatura Kazakhstan
☎ +7 717 243 05 03
✉ info@boehmer.kz

Korea
CMC Engineering Export GmbH, Korea Branch
☎ +82 2 869 5391
☎ +82 2 869 5390
✉ ray@korea.melchers.de

Malaysia
Valser Engineering & Services SDN BHD
☎ +606 797 8000
✉ enquiry@valser.com.my
Myanmar
C. Melchers GmbH & Co.
Myanmar Representative Office
☎ +95 1 513 346 / +95 1 706 161
☎ +95 1 512 872
✉ melservices.ltd@gmail.com

Russia
(Gas up to PN 25 and
District Heating St. Petersburg)
OOO «ROSGAS»
☎ +7 812 448 07 02
☎ +7 812 448 07 02
✉ semenov@rosgaz.biz

(Gas > PN 25)
AO „TSK EXPERT“
☎ +8 495 269 035 2
☎ +8 999 994 828 7
✉ info@tsk-expert.com

Singapore
C. Melchers GmbH & Co. Singapore Branch
☎ +65 6259 9288
☎ +65 6259 9111
✉ MelchersA@melchers.com.sg

Taiwan
Evenjoint International Inc.
☎ +886 4 2237 9568
☎ +886 4 2237 1998
✉ evenjoint@evenjoint.com.tw

Thailand
C. Melchers & Co. (Thailand) Ltd.
☎ +66 2 714 30 70 / 75
☎ +66 2 714 30 76
✉ info@melchers.co.th

Turkey
Böhmer Turkey
☎ +90 21 66 88 66 86
☎ +90 21 66 88 66 87

Vietnam
C. Melchers GmbH & Co. KG
Representative Office Ho Chi Minh City
☎ +84 8 38 23 13 93 / 38 25 12 69
☎ +84 8 38 29 00 73
✉ baongoc.tt@melchersvietnam.com

North America

Canada
Armour Valve Ltd.
☎ +1 416 299 0780
☎ +1 416 299 0394

USA
Boehmer representation USA
☎ +1 281 635 3176
✉ boehmerusa@boehmer.de

Africa

South Africa
Vickers Hydraulics
☎ +27 11 614 20 04
☎ +27 11 614 20 33

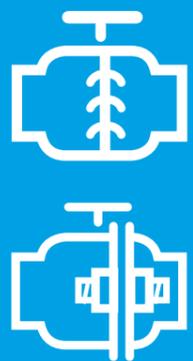
THIS IS
BÖHMER:

COMPANY



Established 1956
Form of organisation GmbH, Owner managed
Managing Director Dr. Ing. Thomas Böhmer
Employees 350
Factories 4 (2x Germany, Kazakhstan, China)

PRODUCT



Variations Fully welded, Split-Body
Nominal size DN 3 - DN 1400 (1/8 - 56 Inch)
Pressure ratings up to PN 800 or ANSI Class 2500
Temperature range -180°C to +650°C (-292°F to +1200°F)
Sealing systems Soft seals, Metal to metal seals, primary metal, secondary soft sealing

B

APPLICATIONS



Pipelines for Oil, Gas and numerous applications
 Compressor; Measuring and reduction stations
 Refineries and industrial plants
 Petrochemical
 Liquid gas
 On- / Offshore-Platforms
 Shipbuilding
 Power Plants
 District Heating and Steam
 Solids

APPROVALS



DIN EN ISO 9001
 DIN-DVGW
 EN 13774
 TA-Luft
 Atex 94/9/EG
 BS 5351
 API 6D / API 6D SS
 EAC
 EN 14141
 PED 2014/68/EU
 CRN
 AD 2000 HP 0 (TÜV)
 Fire Safe acc. to BS6755 / API6FA
 Type approvals (VdTÜV)
 Safety Shutoff Units (SAE) acc. to EN 14382





Gedulderweg 95
45549 Sprockhövel / Germany

Phone: +49 2324 7001-0
Fax: +49 2324 7001-79
E-Mail: boehmer@boehmer.de

www.boehmer.de



Unsere Erfahrung - Ihre Sicherheit

