



DISTRICT ENERGY VALVES AND ACCESSORIES

THE RESPONSE TO CLIMATE CHANGE





BROE

Climate change is our common challenge

Energy efficiency is one of the greatest challenges of our times and for district energy BROEN delivers ready solutions to meet the globally rising demand for energy efficiency.

Based on the heritage from leading edge innovations in Danish district heating, BROEN Ballomax® offers the most comprehensive range of proven ball valves for distribution and transmission of district energy in residential, commercial and industrial applications and is today a key component in dstrict heating and district cooling networks throughout the world.

BROEN A/S is 9001:2015 and 14001:2015 certified.

Our brand is our promise.

ABOUT BROEN

VISION AND VALUES

TOWARDS NEW OPPORTUNITIES





BROEN Ballomax® – our response

For more than 30 years the reliable design of BROEN Ballomax® has proven itself and it remains the best choice in district heating today.

Together with our comprehensive range of BROEN valves, actuators, gears, extensions and hot tapping tools, BROEN offers complete solutions for district energy.

To us quality is not just a key to market access - it goes far beyond that.

Proven valve technology is not something we just claim, but something we must earn. Each and every day.

BROEN Ballomax® is your certainty of energy efficiency, reliability and low operating costs.

BROEN Ballomax® – energy efficiency designed to last.

- PED 2014/68/EU Module H
- EN 12226 Part 1 and 2
- EN 488:2015





Energy efficiency – Designed to last

BROEN Ballomax® features unmatched advantages in district energy with the widest portfolio and most comprehensive range of valve technology in the industry.

BROEN delivers proven energy efficiency – designed to last.

Ever since BROEN was established our passion for valve technology has been a major part of our core competences.

Our brand is our promise.

Standard: Widest valve technology portfolio

DN10-1400 | PN16-40 | EN or GOST | Floating or trunnion | Full bore or reduced bore | Above or below ground

Options:

Actuators | gears | flanges

Custom:

Column and stem extensions on request and made to order with requested height.

Reliability

ISO 9001 since 2001 PED 2014/68/EU - Module H | EN 12226 | EN 488:2015

Energy efficiency

Flow optimization | Kvs values | Heritage from BROEN Ballomax® and Danish District Heating

Low cost of ownership

No maintenance – one yearly activation | Service kits with tools and parts

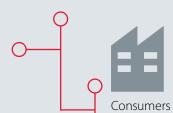
Easy installation

Regulation and commissioning | Tested and adjusted prior to delievery | Gears and actuation individually optimized

TRANSMISSION



Production



District energy grid



DN150-1400 Trunnion ball valve



DN80-2000 Butterfly valves



Trunnion valves EN488:2015



Twin valves EN488:2015



Underground valves FN488:2015



DN50-400 Floating ball valve



Scope of BROENs valve technology

DN10-1400 | Full bore - Reduced bore Floating ball | Trunnion mounted ball | PN16-PN25-PN40 Heating - Cooling - Steam | -20°C to +250°C

Valve technology:

- Floating ball valves
- Trunnion mounted ball valves
- Flexible main stop valves
- Steam valves
- Hot tapping valves
- Branching valves
- Monoblok valves
- Butterfly valves
- Underground valves (EN 488:2015)

Options:

- Gears and actuators
- Hot tapping tools
- Flexible extensions
- Flanges
- Tools and handles
- Certificates

Tested and adjusted prior to delivery



BUTION

Larger consumers

CONNECTION AND INSTALLATION





DN200-500 Floating ball valve



DN10-50 full flow valves



Monoblock and compact valves



Branching valve



Hot tapping valve



Flexible main stop valve



BROEN-Bevel gear



Hot tapping tools



Flex extender



Electric gears







BROEN Ballomax® – Energy efficiency designed to last

Ballomax® valves – Floating and trunnion mounted ball valves

BROEN standard valves for heating systems, district heating, cooling and industrial purposes.

- Water and steam
- Improved lifetime and minimal maintenance
- Full flow and reduced flow
- Safety and reliability
- DN10-1400
- PN25-40





Underground valves – Floating and trunnion mounted ball valves

BROEN underground valves for heating systems, district heating, cooling and industrial purposes.

- Water
- Improved lifetime and minimal maintenance
- Safety and reliability
- Stainless collar for improved quality and lifetime
- DN25-1000
- EN 488:2015
- PN25



Monoblock and short valves

BROEN Ballomax® monoblock and short valves offer a safe and modern construction for district heating networks, air conditioning and industrial installations.

- Water, air, steam and gas
- Highest Class A tightness EN 12266
- DN15-DN200
- PN16-25-40



Next generation valve technology

The new BROEN Ballomax® ball valve, will set new standards and presents a wide range of unique advantages.

- Energy efficiency designed to last!
- Compact design
- Optimized full bore valve
- Traceability individual valve identification
- Patented Danish design Danish manufacturing
- DN10-50
- PN25



Butterfly valves

BROEN butterfly valves can be used in shut-off and control applications.

- Heat distribution networks and energy management
- Gas and oil
- Steam treatment systems
- Corrosive media systems
- DN80-200
- PN16-25



Options:

BROEN-Bevel gear

A sturdy and solid manual gear of high quality.



Electric gears

We supply customer specific ball valves with custom built electric gears from leading gear manufacturers.





Ever since BROEN was established our passion for valve technology has been a major part of our core competences.

Our brand is our promise.





BROEN Engineered Valve Group

For more than 70 years BROEN has been the global leader in the development and production of valve technology for the control of water, air, gas and oil. BROEN delivers complete solutions for HVAC building installations and is a leading supplier of district energy valves.

We know application and valve technology in depth and in close dialogue with our customers and partners all over the world we create value and reliability with proven valves offering full quality assurance.

BROEN Group – part of Aalberts Industries – is headquartered in Assens, Denmark and the premium engineering and manufacturing brands BROEN, Clorius Controls and BSM Valves all belong to the BROEN Group.

Read more on: www.broen.com

www.cloriuscontrols.com www.bsmvalves.com

BROEN Group locations

Headquarters in Assens, DK

Sales- and productions sites •

BROEN A/S, Assens (DK)

BROEN SA, Dzierżoniów (PL)

BROEN LLC, Kolomna (RU)

BROEN INC., Houston (US)

BROEN OIL & GAS, Suchy Las & Rogoźno (PL)

BSM Valves B.V., Breda (NL)

Clorius Controls, Dzierżoniów (PL)

Sales companies and offices O

BROEN, Assens

BROEN, Stockholm

BROEN, Helsinki

BROEN SEI, Romania

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