

BROOKSBANK[®]

VALVES LTD



Gate

Check Piston

Swing

Dual Plate

Butterfly

Plug

Globe

Ball

Hydrant

Diverting

Sampling

Trunnion

Strainer



*Excellence in the
Modern Valves, Traditional Values
heart of Yorkshire*



Our Core Values

- Work Safely
- Be Helpful
- Apply Energy
- Be Accountable
- Be Innovative
- Strive for Excellence
- Have Fun



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- Introduction
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- Project Management
- Quality
- Product Range
- Our Commitment

Material Selections

Alloy 20

Bronze

Hastelloy®

HTB1

Inconel®

Monel®

NiAlBr

Tantalum

Titanium

Zirconium

Applications

Ballast Control

Cooling

Water Flood

Sea Water Lift

Fire Fighting

Effluent Water

Injection

Corrosive

Warm Oxygen

Sea Water Intake

Desalination



Specialist manufacturer of high specification valve solutions from Copper based and Exotic Alloyed Materials. Used in all industrial and naturally corrosive applications and by those using oxygen in their processes.

- Gate
- Globe
- Check
- Non-Return Stop
- Ball
- Butterfly
- Plug
- Storm
- Strainer
- Hydrant
- Sampling

Brooksbank Valves was established as an independent family owned company in 1953, initially to supply the UK Navy with high-quality valves. Brooksbank Valves reputation as a problem solver and a supplier of quality valves quickly grew and we were soon serving other industries around the world and we continue to operate on a global scale.

Experience gained over decades in this industry, has enabled us to develop our business into other demanding applications, where material selections such as Bronze, NiAlBr, HTB1, Tantalum, Titanium, Zirconium, Alloy 20, Monel®, Hastelloy® and Inconel® are the minimum requirement.

At Brooksbank Valves, customer service is our main principle. Approachability, flexibility, willingness and an openness to communication is at the heart of our business. It has always been vital to us that we retain our independence, this has and will continue to allow us to be free and totally flexible in the way we serve our customers.

Our mission is to deliver the provision of cost-effective, high-quality valve solutions which satisfy the demands of complex applications. All aspects of Research, Design, Manufacturing, Procurement, Quality and Sales are controlled by our integrated management team within our own facility,

'In the heart of Yorkshire.'

We have a wide array of prominent customers in the Naval Defence, Oil, Gas, Industrial Fine Gas, Power Generation, and Chemical Markets and we will continue to serve these industries with pride.

"Proud to be an independent UK Valve company"

Bespoke Designs

Brooksbank Valves Ltd custom design valve solutions to meet our customers specific applications including:

- Actuation
- Control systems
- Stem extensions
- Safety changeover combinations
- Interlocking arrangements
- Safety Testing

Custom Valve Designs

Our engineering design group has the capability of producing customised valve designs specific to your unique application needs.

Technical Consultation

Our design team at Brooksbank Valves will engage with your technical team and provide consultation services, review your requirements and will arrange in depth expertise and guidance in all areas of valve design, selection, suitability, installation and functionality.

Service and Repair

At Brooksbank Valves we assume a lifetime responsibility to support your needs. We offer a strip and survey service, repair and upgrade programs all from our own facility.

Stock Program

We carry an extensive, certified inventory of standardised stock along with kits of loosely assembled valves. This allows us to respond effectively to your day to day delivery requirements and facilitate your modification needs.

Spares and Replacements

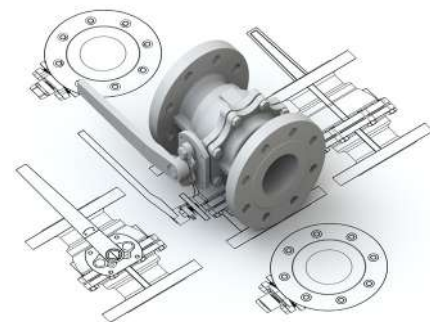
We hold a comprehensive stock of recommended soft and hard spares and replacement parts for both current and legacy designs.

Engineering Excellence

Modified Designs
Custom Designs
Technical Consultation

Life Time Support

Service and Repair
Stock Program
Replacement Parts



The Brooksbank Valves Philosophy

We know every order is unique which is why we operate based on the following key processes and work closely with you and our sub-suppliers. This ensures that we execute and deliver your project to your complete satisfaction.

Pre-Order

During the pre-order phase of the project, Brooksbank Valves provides consultative technical, commercial and engineering support. This concludes with our team creating detailed quotations, technical clarifications and making sure your voice is heard at bid clarification meetings.

Receipt of Order

When we have received your quote, we immediately create a detailed profile of it. This includes order value, sub-order details, contact names, delivery schedules, documentation requirements as well as key reference points. This helps our team identify any red flags from the outset and ensures you receive a swift response.

Contract Review

A detailed contract review of the purchase order will be carried out with you. The purpose of this is to confirm that the purchase order details exactly match those of the equipment quoted. Any clarifications, changes and corrections are noted at this point. Once all details are confirmed and understood we will proceed to order entry, order acknowledgement, sub-supplier processes and document management. This ensures that all the attributes of the order are actioned correctly within the agreed timeframe.



Sub-Order Compliance

A detailed review of all sub-order acknowledgements is undertaken to assure that they comply with our requests and therefore reflect your order.

Document Control

The submission of documentation within the agreed timescales, as per vendor document list, is of prime importance to the project and equally Brooksbank Valves. It is, therefore, an integral part of our preparation and submission procedure to promptly issue an SDS (Supply Document Schedule). Manufacturing will commence once drawings are approved with the status 'released for manufacture'.

Order Progression

The nominated project engineers will maintain a close working relationship with all parties. This ensures that the necessary level of commitment to the project is maintained and concludes with the completion of your order on time.

Our Pride

We take pride in our achievements and successes. We are never complacent and are always ready to open a dialogue to reinforce our ultimate performance deliverable –

'World Class Customer Service'

Quality and Approvals

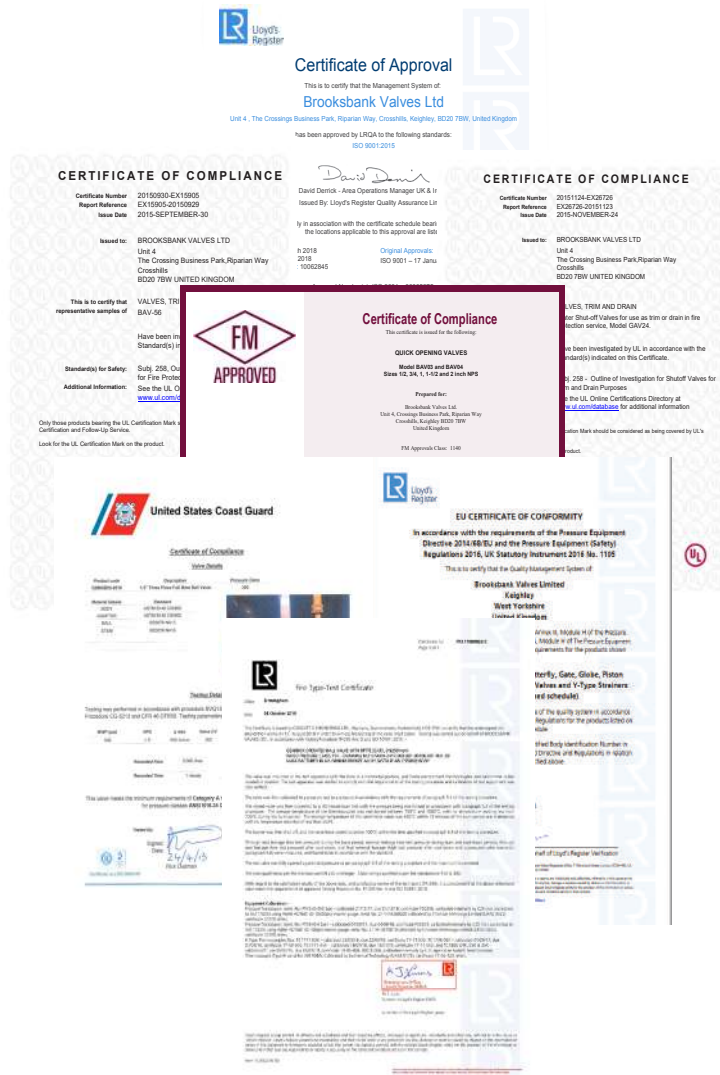
Quality is the essence of everything we do at Brooksbank Valves. We have provided high quality products, knowledge and customer service to thousands of customers. We work with a quality management system that meets the Lloyd's register's requirements and it is confirmation of our endeavour to provide the highest quality to our customers which applies to:

"The design, manufacture, in-house repair and support of ball, plug, gate, globe, butterfly and swing check valves in traditional, non-ferrous and exotic materials to suit standard and specialist applications. Procurement and supply of valve and actuator packages to customer requirements."

Our continuous policy is to design, manufacture and supply quality products and services that meet customer, legal or regulatory requirements, including:

ISO, PED, BS, ANSI / ASME, API and MSS codes and standards.

We constantly aim to improve the quality of our products and services and take all reasonable steps to achieve this goal, which is why we operate a strict quality control system. This is audited and evaluated by external customers and authorities for BSEN-ISO9001:2015 compliance and the Pressure Equipment Directive (PED 2014/68/ EU).



Gate



Sizes:	½" – 30"
Ratings:	150# & 300#
Connection:	Flanged or threaded
Body:	Cast construction
Bonnet:	Bolted or Union
Operation	Rising or Non-rising stem
Types:	Integral or renewable seats. Solid or flexible wedge
Operator:	Handwheel, gearbox or actuator

Check Piston & Swing



Sizes:	½" - 12" Piston & ½" - 24" Swing
Ratings:	150# & 300#
Connection:	Flanged, threaded, lugged or wafer
Body:	Cast or forged construction
Bonnet:	Bolted or Union
Operation:	Spring return, counterweighted or damping function
Types:	Integral or renewable seats
Operator:	System activated/Spring loaded

Check Dual Plate



Sizes:	2" - 24"
Ratings:	150# & 300#
Connection:	Flanged, lugged or wafer
Body:	Cast or forged construction
Types:	Dual plate integral or renewable seats
Operator:	System activated/Spring loaded

Globe



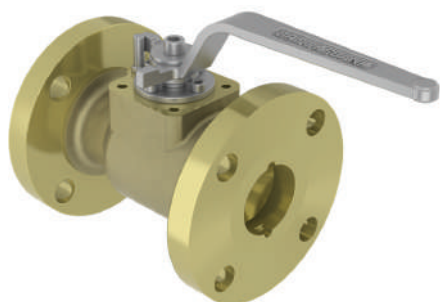
Sizes:	½" – 20"
Ratings:	150# & 300#
Connection:	Flanged, threaded, socket, capillary brazed
Body:	Cast or forged construction
Bonnet:	Bolted or union
Operation:	Rising stem, rising or non-rising handwheel
Types:	Integral or renewable seats, screw down non-return
Operator:	Handwheel, gearbox or actuator

Ball Trunnion Mount



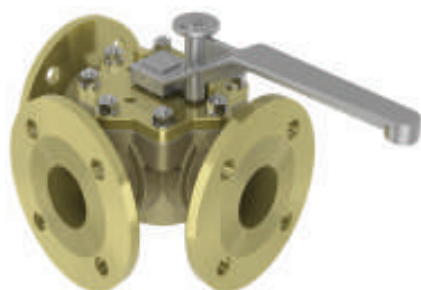
Sizes:	1½" - 12" 2-piece/ 14" – 24" 3-piece
Ratings:	150# & 300#
Connection:	Flanged
Body:	2 or 3 piece. Cast or forged construction
Types:	Full or reduced bore, single port
Operator:	Bare shaft, gearbox or actuator

Ball Floating



Sizes:	½" - 12"
Ratings:	150# & 300#, PN10, PN16 2000 psig threaded
Connection:	Flanged, threaded or wafer
Body:	1,2 or 3 piece- 3pc split top entry. Cast, forged or barstock construction
Types:	Full or reduced bore, single port, end or top entry
Operator:	Bare shaft, lever, gearbox or actuator

Diverting



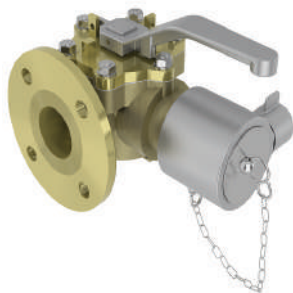
Sizes:	1" - 10"
Ratings:	150# & 300#, PN10, PN16
Connection:	Flanged or threaded
Body:	Cast or forged construction
Types:	3 or 4 port. L or T configurations. Full or reduced bore. Ball or plug type
Operator:	Lever

Sampling



Sizes:	½" – 1"
Ratings:	PN10 & PN16 or 150# & 300#
Ends	Flanged
Body:	Barstock

Hydrant



Sizes:	1½" - 2 ½"
Ratings:	PN10, PN16
Connection:	Flanged with IHC internal or external connector
Body:	Split top entry cast or forged construction
Types:	Angled or straight through, ball or plug type
Operator:	Lever or bare shaft

Storm



Sizes:	1" - 8"
Ratings:	PN16
Connection:	Flanged
Body:	Cast construction
Types:	Angled seat with counterbalanced reseating
Operator:	Handwheel or system activated

Plug



Sizes:	1½" - 6"
Ratings:	PN10, PN16
Ends:	Flanged or threaded
Body:	Cast or forged construction.
Types:	Top entry, bottom entry, full bore single or multiport isolation or diverting, NRS
Operator:	Lever or bare shaft

Strainers



Sizes:	½" - 12"
Ratings:	150# & PN16
Connection:	Flanged
Body:	Cast construction
Types:	"Y" Pattern

All products manufactured in NiAlBr as standard. Our product range is not restricted to the valve types, sizes, ratings, connections & materials mentioned in this brochure.

Concentric Butterfly



Sizes:	2" - 24"
Ratings:	150# & PN16
Lining:	Rubber Lined, NBR, EPDM, Silicon, Viton
Connection:	Double flanged, wafer or lugged
Body:	Cast or forged construction.
Operator:	Bare shaft, lever, gearbox, actuator

Double Offset Butterfly



Sizes:	2" - 48"
Ratings:	150# & 300#
Seats:	Rubber, PTFE, RTFE or Metal seats Fire-Safe seat option
Connection:	Double flanged, wafer or lugged
Body:	Cast or forged construction
Operator:	Bare shaft, lever, gearbox, actuator

Triple Offset Butterfly



Sizes:	2" - 24"
Ratings:	150# & 300#
Seats:	Laminated metal or solid metal seats
Connection:	Double flanged, wafer or lugged
Body:	Cast or forged construction.
Operator:	Bare shaft, lever, gearbox, actuator

Our Commitment to you

Our commitment to our customers will always be the same as it was on that first day. 'High quality valves through an independant company and put our customers before profits'. The belief of this philosophy has got us to where we are today and will take us into the future. We started in a small warehouse and through hard work, determination and some of that famous **Yorkshire** spirit, we have supplied valves across the globe to some of the biggest companies in the world and will continue to do so with **pride**.

'Modern Valves, Traditional Values'

BROOKSBANK[®]

VALVES LTD

Naval and Marine

Naval Defence applications are varied and complicated. This demands sophisticated and exacting valve solutions. We are extremely proud of our long association with the UK and other Navies.

We are committed to serving the Defence industry by supplying high quality valves manufactured from corrosion resistant alloys (CRA's) for installation on sub-surface and surface vessels.

Industrial Fine Gases and Chemicals

High purity industrial fine gas and severely corrosive chemical applications demand high quality, high alloy valve solutions.

We pride ourselves in providing a specialist range of valve solutions manufactured from specific material grades, ideally selected to meet your applications requirements.

Power Generation, Oil and Gas

Saline atmospheres as well as seawater and brine processes can be complicated by pressure and temperature and be invasively corrosive.

An extensive knowledge and experience of the application and consistently choosing the correct materials for this is one of our strengths.



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