

Your Reliable Partner  
In Engineering Solutions

**Flowbetter**<sup>®</sup>  
CONTROL VALVES

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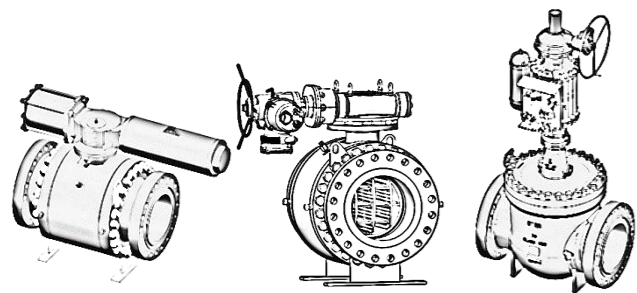
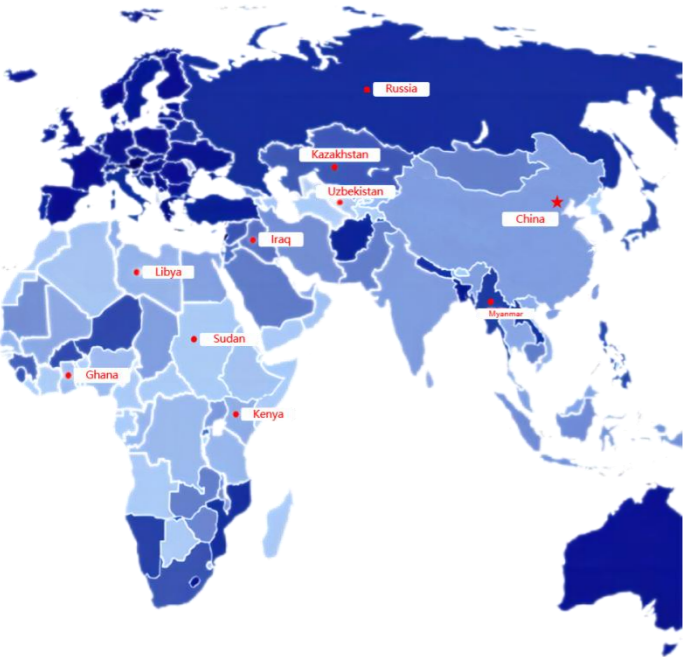
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*Providing World Class Control Valve  
Technology & Services*

## Serviced Industries



The company's products are mainly used in long-distance natural gas pipelines, urban gas transmission and distribution fields, gas injection and production fields of gas storages compressor circulation and anti-surge application fields and other special medium control fields; The main customers include PetroChina, China's national pipeline network, etc.

## Who we are

Provider Of Fluid Control  
Valve Product Solutions

Bter is adynamic&leading valve manufacturer delivering innovative solutions to customers in engineering industries.



Manufacturing Capability

Whether it's a valve with special requirements such as large size, high pressure, special material, or a large-scale project with hundreds of units, Flowbetter has good experience and the ability to meet your technical and delivery requirements.



Reliable Engineering Partner

We utilize supplier partnerships to complete the production of castings and machining of valve components. Flowbetter has a proven track record in high quality and timely delivery.

We adhere to the principle of "people oriented, customer first". All along, our team has won widespread praise from users with high enthusiasm, high quality, and high-tech services.

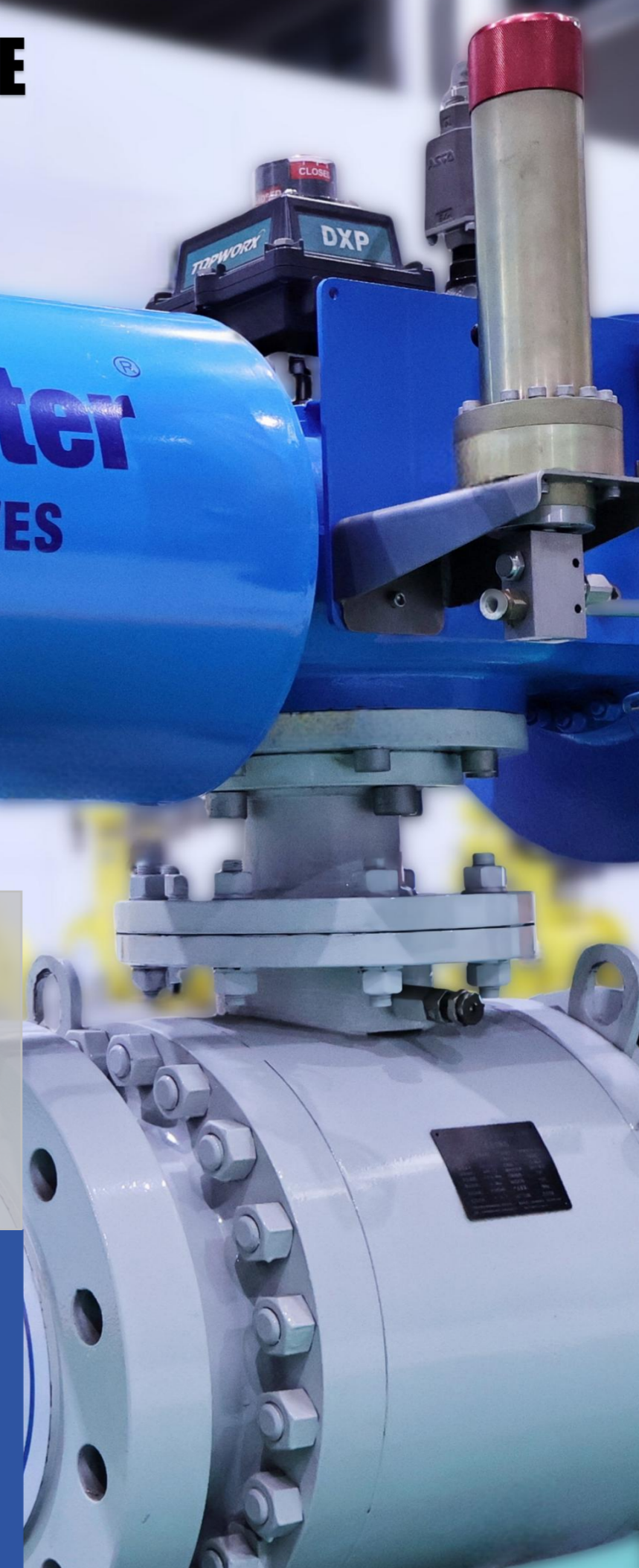


## CUT-OFF BALL VALVE

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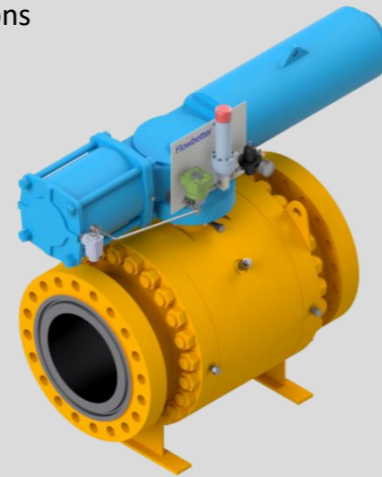


# CUT-OFF BALL VALVE

Flowbetter ball valve products adopt the whole life cycle quality management system, from design, material, manufacturing to testing in strict accordance with ISO9001/ISO14001/ISO45001/SIL 3/API 6FA/API 607 international standards for design and manufacturing, suitable for oil and gas, chemical, energy and other key areas of high-risk conditions.

## Product range:

- Application: It is an automatic cut-off appliance suitable for installation as safety device in regulating stations and industrial pipeline
- Standards: EN 14382
- Size: NPS2"~NPS24" (DN50~DN600)
- Rating: CL150~CL2500(PN16~PN420)
- Temperature: -29°C~+120°C  
-46°C~+120°C  
-59°C~+120°C  
-73°C~+120°C
- Connection: Flanged
- Overpressure Cutting Accuracy: Upto±1% (AG1)
- Seat Leakage: FCI 70-2 Class VI  
ISO 5208 Rate A  
ISO 5208 Rate C
- Response Time: Upto 2s
- Optional Configuration: Overpressure cut-off  
Remote control cut off  
Cut off on the spot  
Valve position remote transmission
- Materials: Body A105, A350 LF2, WCB LCC, 304, F51  
Ball A105+WC/Ni60, LF2+WC/Ni60, 304+WC/Ni60  
Stem A182 F6a, 17-4PH A182 FXM-19  
Actuator Steel, Stainless steel, etc  
Spring INCONEL X-750, INCONEL X-718  
Seal WC, Ni60, PEEK, NBR, HNBR, etc
- Medium: Non-corrosive gases such as natural gas etc.
- Sealing structure of valve seat: DBB/DIB-1/DIB-2

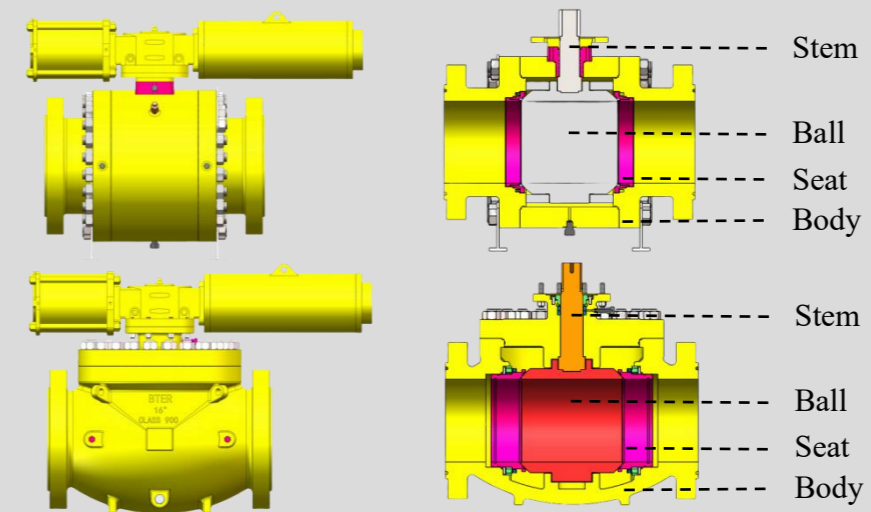


# TO MEET YOUR BIGGEST DESIGN CHALLENGES

Bettel provides a full range of systematic ball valve solutions. From initial selection to installation and commissioning, the engineering team will provide professional support throughout the process. The R & D adopts a modular design concept, covering a variety of structural types and customized selection configurations. Flexible configuration according to different media characteristics, pressure levels and temperature ranges.

## Design features:

- Hard-sealed sphere with spray-coated sealing surface, resistant to rapid-closure wear.
- Bidirectional flow design for unrestricted circulation.
- Full-bore valve body: High flow, noise<80dBA and v<40m/s.
- Optional overpressure cut-off, remote control cut-off, valve position remote transmission, on-site cut-off.
- Direct reset without balancing bypass.
- Fast actuation (<2s, depends on pressure/size/requirements).



Size		Rating (Class)						
NPS	DN	150	300	400	600	900	1500	2500
2	50	●	●	●	●	●	●	●
3	80	●	●	●	●	●	●	●
4	100	●	●	●	●	●	●	●
6	150	●	●	●	●	●	●	●
8	200	●	●	●	●	●	●	●
10	250	●	●	●	●	●	●	●
12	300	●	●	●	●	●	●	●
14	350	●	●	●	●	●	●	●
16	400	●	●	●	●	●	●	●
18	450	●	●	●	●	●	●	●
20	500	●	●	●	●	●	●	●
24	600	●	●	●	●	●	●	●