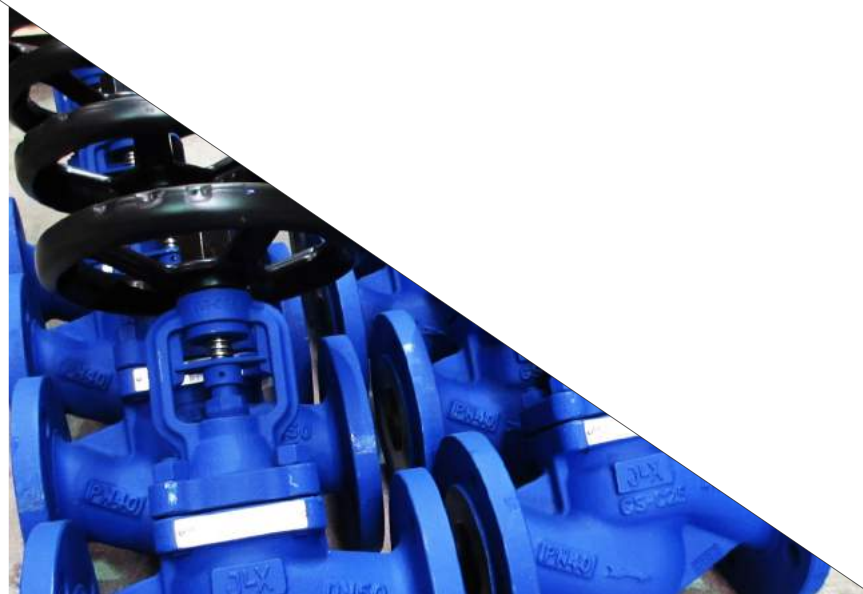


Bellows Globe Valve

JLX
VALVE FACTORY



1 The main products of the JLX Valve contains bellow sealed valves, gate valve, globe valve, check & ball valve and other valves for steam & thermal oil system. The material of the valves covers A105,WCB, Stainless Steel Alloyed steel, etc. The nominal diameter is from 1/2" to 48". The nominal pressure are from 1Mpa to 42Mpa (150LB~2500LB). Working temperature is between -196°C~600°C

2 JLX Valve JLX has a great capacity to manufacture a lot of alternatives in record time. For this reason we have an extensive stock of components to deliver any type of non-standard valve configuration

3 JLX Valve has excellent equipment, strong technical power, and first-class inspect means. Comprehensive quality control system, keep the production in reasonable structure and reliable performance. It includes chemical analysis, mechanical tests, ultrasonic thickness testing, MT, PT and RT etc. We implement advanced computerized management system, and we are qualified with API, CE, TUV, ISO certification.



EXPERIENCE CERTIFIED
JLX VALVE is certified as a valve manufacturer external bodies as ISO, CE, API, etc.

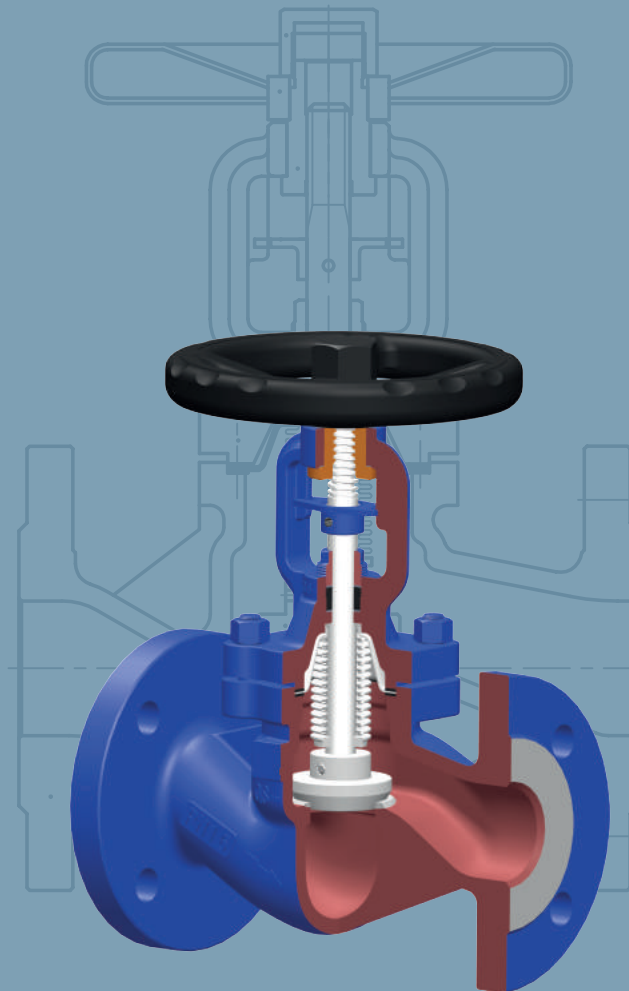
WHY BELLOWS SEAL VALVES

One of the most frequent and serious problems valves face is gland leakage, results in wasted and increased plant downtime. Apart from the high cost of energy losses, Gland leakages can also cause serious environmental, ecological and health hazards to plant workers and personnel.

Leakage of sensitive material can also constitute to a fire hazard, explosion, or damage to equipment by corrosive material. Air entering the pipeline could produce inflammable explosive or poisonous mixtures. Gland packed valves often demand continual maintenance in accessibility creating particular difficulties. The bellows complies to conditions at high temperatures and are capable of withstanding over 10,000 cycles without failure.

TECHNICAL SPECIFICATION

Dimension	DN 15 to DN400
Material	Cast Carbon steel, alloy steel. BW-ends DN15-DN50 forged steel
Pressure class	PN 16 to PN 25/40
Temperature range	-196 °C to 600 °C
Connections	Flanged, BW- ends
Seat	13 Cr, Stellite
Disc	Shut off or regulation



APPLICATION

Hot oil system, steam system, hot and cold water system etc.



ADVANTAGES

- Bellow seal element. The key part of bellow sealed globe valves is metal bellow. It is the connection between cover and stem with automatic roll welding. The metal bellow can keep the stem part no leakage.
- Conical disc design. Benefit from the cone and streamline shape design, the disc can remove the impurity, keep valve in reliable seal and longer service life.
- Double seal design(bellows+packing). Bellow form a metal seal to prevent leakage, and packing can provide seal if the bellow failed.
- Patented central locate design. It can protect stem from tremble and lower noise, so the bellow is with stable performance and long service life.
- Coated sand casting technology. Sand mixed with binder and other additives, it makes the rough casting with less defects like pore, trachoma and cracks, and better tensile strength.

OTHER BELLOWS VALVES



ANGLED



"Y" PATTERN



LONG NECK TYPE



ANSI

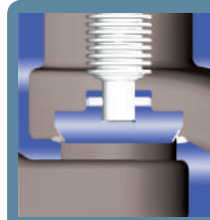


GATE CAST

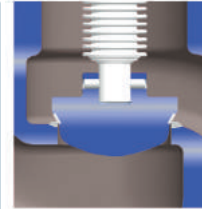


"Y" PATTERN FORGED

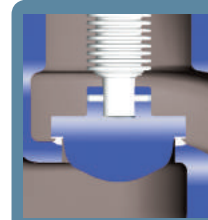
OTHER CUSTOMIZED PLUGS



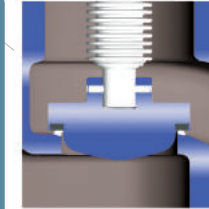
1. Conical sealing surface will remove impurity automatically.



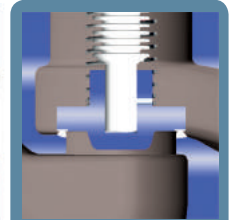
2. Streamline design disc has better tolerance to water hammer



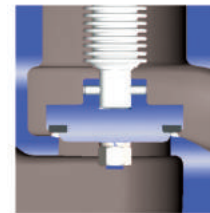
3. Flat sealing surface and streamline disc, with better tolerance to water hammer, and can be installed in any position



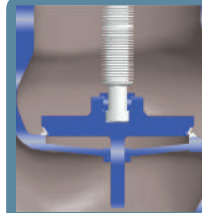
4. Soft sealing surface can prevent sparks when opening and closing. Streamline disc can regulate flow rate.



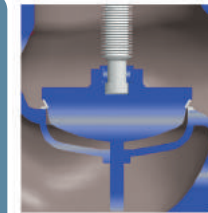
5. Globe-check disc with spring, it can be installed in any position.



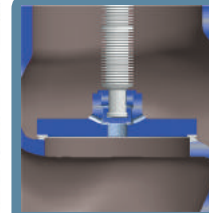
6. Soft sealing surface can prevent sparks, and is easy for replacement.



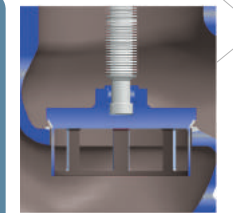
7. Central locate structure is good for sealing and lower noise.



8. Streamline disc with central locate structure can prevent water hammer and lower noise.



9. Double disc design, the second disc can relief pressure and easy.



10. Window shape regulating disc, control the flow rate precisely.

Distributor



SPAIN
 JLX VALVE, SL
 Polígono Industrial Polizur
 C/ Bosc Tancat, 6, Nave 1
 080290 Cerdanyola del Vallés

Barcelona - Spain
 Phone: +34 93 586 36 09 | Fax: +34 93 586 36 04
 info@jlx-valve.com