

Bellow Seal globe Valve Supplier in Brazil

South American Valve is one of the best [Bellow Seal globe Valve Supplier in Brazil](#). Bellows Seal Globe Valves are an excellent choice for applications that demand leak-proof operation, resistance to high temperatures, and reliability in handling hazardous materials. Their unique design offers numerous benefits, making them a preferred choice in industries where safety and efficiency are paramount.

the installation of Bellows Seal Globe Valves involves specific considerations to prevent debris accumulation in the bellows. The valve is connected in a way that minimizes tension on it. A unique approach is used, involving a metal tube connecting the bonnet and valve stem to create a frictionless, leak-proof seal. Accordion ribs allow the bellows to stretch and compress with the stem's linear motion, ensuring no leakage. An extended bonnet port serves as an inspection point for fluid leakage, and detection sensors can be calibrated to detect bellows seal breakage, facilitating immediate action and maintenance to maintain quality operation.

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Parts

1. Body
2. Bonnet
3. Seat
4. Disc
5. Bellows
6. Actuator

Advantages-

1. Leak-Proof Operation
2. High-Temperature Applications
3. Durability
4. Maintenance-Free
5. Cost-Effectiveness
6. Wide Range of Applications
7. Compliance with Regulations
8. Reduced Emissions

Industries

1. Food industry
2. Electric power industry
3. Textile industry

4. Petroleum industries
5. Fluid pipeline of water
6. Sewage
7. Construction
8. Fuel oil systems
9. Feedwater or chemical feed systems
10. Boiler and main steam vents and drains
11. Turbine lube oil system

Applications-

1. Utilized to control the flow of chemicals, acids, and corrosive media.
2. Found in refineries and petrochemical plants to regulate the flow of various media.
3. Used in pharmaceutical plants to control the flow of sterile media.
4. Applied to manage the flow of food-grade media, including milk, juice, and beer.

Description-

1. Body material: Cast Iron, Cast steel [A216 WCB, WCC, LCB, LCC, WC6, WC9], Ductile Iron, Stainless Steel [SS316, SS304, SS316L, SS904L, CF8, CF8M, F304, F316, F31L, F51, F3, F55, F91]
2. Class: 150 – 2500; PN10 – PN 450
3. Size: DN 10 – DN 1200
4. Ends: Butt weld, Flanged, threaded, socket weld
5. Operations: Hand-wheel operated Globe Valve, Pneumatic actuated Globe Valve, Electric actuated Globe Valve, Gear operated Globe Valve

<https://www.southamericanvalve.com/product-category/bellow-seal-globe-valve/>

