

Trunnion Ball Valve Supplier in Argentina

South American valve is a leading [Trunnion Ball Valve Supplier in Argentina](#). These specialized valves employ a trunnion-mounted ball design, ensuring enhanced performance, resilience, and dependability. They find extensive use in sectors like oil and gas, petrochemicals, and various industrial processes, particularly in scenarios demanding secure closure and effective flow management under high-pressure and high-temperature conditions. Typically crafted from cast or forged steel, the body of a trunnion ball valve is engineered to withstand the rigors of elevated pressures and temperatures. It serves as the protective housing for the valve's internal components, guaranteeing structural integrity and facilitating optimal functionality.

South American Valve is the topmost [Trunnion Ball Valve Supplier in Argentina](#). The trunnion ball valve's core strength lies in its design, featuring a trunnion-mounted ball.

Parts

1. Body
2. Stem
3. Ball
4. Trunnions
5. Seat
6. Actuator

Advantages-

1. Enhanced Sealing
2. Higher Pressure and Temperature Ratings
3. Reduced Operating Torque
4. Increased Durability
5. Improved Flow Control

Industry

1. Oil and Gas Industry
2. Petrochemical and Chemical Processing
3. Power Generation
4. Water and Wastewater Treatment
5. Mining and Minerals Processing
6. Pipeline and Transportation

Applications-

1. Trunnion ball valves are essential for controlling the flow of crude oil, natural gas, and petroleum products in upstream, midstream, and downstream operations.

2. These valves are critical in handling chemicals and corrosive fluids to maintain process integrity in petrochemical and chemical processing plants.
3. Trunnion ball valves ensure reliable shut-off and precise flow control for steam and water in thermal and combined cycle power plants.
4. They provide effective control of water, sludge, and chemicals in water treatment, wastewater management, and desalination plants.
5. Trunnion ball valves are used in abrasive and demanding applications like ore grinding, flotation, and tailings management in the mining industry.
6. They play a vital role in regulating flow, isolating sections, and ensuring pipeline system integrity for fluids like oil, gas, water, and chemicals.

Description

1. Body: ASTM A216 WCB, ASTM A351 CF8, ASTM A351 CF8M
2. End Connections: RF, RTJ, BW
3. Operation: Manual, Gear Operated, Electric Actuated
4. Nominal Size: DN100 to DN700
5. Nominal Pressure: Class150 to Class2500, PN1.6 to PN10.0

<https://www.southamericanvalve.com/product-category/trunnion-ball-valve/>

