

## Stainless Steel Ball Valve Manufacturer in Italy



Valvesonly Europe is one of the steadily growing Stainless Steel Ball Valve Manufacturer in Italy. Stainless steel ball valve is distinguished by the fact that most of its components are made of stainless steel, which offers great corrosion resistance and longevity. The primary component of this valve is a hollow, spherical ball with a bore running through its center. The bore lines up with the pipeline when the valve is in the open position, allowing fluid to flow freely. In contrast, the ball rotates 90 degrees when the valve is closed, obstructing the flow channel. Many applications favor these valves because of its dependability, robustness, and capacity to tolerate a wide variety of temperatures and pressures.

Stainless steel construction ensures durability and resistance to corrosion, making stainless steel ball valves ideal for various applications, especially in industries with demanding conditions.

Working:

The stainless steel ball valve operates on a simple yet effective principle. This quarter-turn valve features a hollow, perforated, and pivoting ball (usually made of stainless steel) within its body.

The ball has a port, and when aligned with the valve's inlet and outlet, it allows fluid to flow through. Conversely, when rotated 90 degrees by the valve handle, the solid part of the ball blocks the flow, creating a shut-off.

#### Types:

- Two-Piece Ball Valve
- Three-Piece Ball Valve
- One-Piece Ball Valve
- Full-Port (Full-Bore) Ball Valve
- Reduced-Port (Reduced-Bore) Ball Valve
- Floating Ball Valve
- Trunnion-Mounted Ball Valve
- Multi-Port Ball Valve

#### Advantages:

- Corrosion Resistance
- High Temperature and Pressure Tolerance
- Quick Operation
- Minimal Maintenance
- Versatility
- Longevity
- Environmental Compatibility

In the Italian industrial landscape, Valvesonly Europe takes the lead as a prominent manufacturer, offering a range of Stainless Steel Ball Valve. Renowned for their precision engineering, these valves align seamlessly with Italy's high standards. ValvesOnly Europe's commitment to excellence ensures that these stainless steel ball valves contribute significantly to the reliability and efficiency of fluid control systems in various sectors across Italy.

#### Description:

- Body Material: Cast iron, WCB, WCC, WC6, LCC, LCB, Titanium, SS304, SS316, CF8, CF8M, F55, F51, F53, Monel, Ductile Iron.
- Class: 150-2500, PN10 to PN450
- Size: DN15 to DN1200
- Operations: Lever operated ball valve, electric actuated ball valve, pneumatic actuated ball valve, gear operated ball valve
- Ends: Flanged, Butt weld, Socket weld, Threaded

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