

## Brass Valve Manufacturer in India



Speciality Valve stands out as a trusted [Brass Valve Manufacturer in India](#), renowned for its commitment to quality and reliability. Global Reach: Our products are supplied to esteemed clients in South Africa, Canada, and Argentina, reflecting our global presence and reputation.

### **What is a brass valve?**

A brass valve is a type of valve primarily made from brass, an alloy composed mainly of copper and zinc, often with small amounts of other metals like lead or aluminum. Brass valves are utilized in various industries and applications to control the flow of fluids (liquids or gases) within piping systems.

### **Composition and Construction:**

- **Brass Alloy:** Brass valves are predominantly crafted from brass, a metal alloy primarily composed of copper and zinc. The exact composition varies, with different types of brass valves containing

varying proportions of these metals, along with trace amounts of other elements like lead or aluminum.

- **Effect of Alloy Composition:** The alloy composition influences the valve's properties, including its strength, corrosion resistance, and suitability for specific applications. Different alloys offer distinct advantages and characteristics.

### Components and Types:

- **Additional Parts:** Apart from the brass body, brass valves may feature components such as valve stems, handles or actuators for manual operation, seals or gaskets to prevent leaks, and internal mechanisms controlling fluid flow.
- **Variety of Types:** Brass valves come in various types, each tailored for specific roles and applications. Common types include Brass Ball Valve, Brass Gate Valve, Brass Check Valve, Brass Globe Valve, Brass Y Strainer, and Brass Safety Valve.

### Advantages:

1. **Corrosion Resistance:** [Brass valve](#) exhibit excellent resistance to corrosion, ensuring longevity and reliability in diverse environments.
2. **Durability and Reliability:** With robust construction, brass valves offer durability and reliability, contributing to their widespread use across industries.
3. **Ease of Machining:** Brass is easy to machine and manufacture, facilitating efficient production processes and customization.
4. **Smooth Operation:** Brass valves operate smoothly and require minimal force to open or close, enhancing user experience and efficiency.
5. **Leak Resistance:** The sealing properties of brass valves prevent leaks, ensuring efficient fluid control and system integrity.
6. **Wide Range of Applications:** Brass valves find applications across various industries, owing to their versatility and adaptability.

7. **Precise Control:** These valves offer precise control over fluid flow, allowing for accurate regulation and management.
8. **Low Maintenance:** Brass valves require minimal maintenance, reducing downtime and maintenance costs for industrial operations.
9. **Availability:** Brass valves are readily available in a wide range of sizes and types, meeting diverse industry requirements effectively.

### **Industries Served:**

1. Water Treatment and Distribution
2. Oil and Gas
3. Chemical Processing
4. Petrochemical
5. Power Generation
6. Pulp and Paper
7. Marine and Maritime
8. Mining and Mineral Processing

### **Specifications:**

- **Material:** Brass (Alloy260, Alloy272, Alloy330, Alloy353, Alloy360, Alloy385, Alloy464, AlloyC48200-C48500)
- **Pressure:** PN6 – PN25
- **Ends:** Threaded, Socket weld, Butt weld, Flanged, Wafer, Lug
- **Size:** ½ " to 72"
- **Operations:** Pneumatic Actuated, Electric Actuated, Gear Operated, Lever Operated, Handwheel Operated

For More Information: Discover our extensive selection of brass valves at Speciality Valve - Brass Valves and explore the possibilities for your industrial needs.

<https://www.specialityvalve.com/product-category/brass-valve/>