

Angle Globe Valve Manufacturer in India

Speciality Valve is the topmost [Angle Globe Valve Manufacturer in India](#). We supply to Haryana, Bihar and Kerala. Angle Globe Valve is a customized globe valve with inlet and outlet at right angles. The basic structure of this valve is the same as that of a globe valve, however they differ mainly in the direction of fluid flow since the fluid in the angle valve performs a 90° rotation. These valves are installed in lines with complicated pipe structure or pressure drops. Angle Globe Valves come with pressure-seal or bolted bonnets, depending on the line pressure.



The body design of an angle pattern globe valve is characterized by its departure from the primary regular pattern globe valve. In this design, the opening and closing components consist of plug-shaped valve discs with a flat or conical sealing surface. The disc travels linearly along the fluid's centerline during the valve's operation. What sets angle globe valves apart is that their ends are positioned at a 90-degree angle, and fluid flow is achieved through a single 90-degree rotation.

While angle pattern globe valves offer effective shut-off capabilities, their flow rate is generally lower compared to oblique-style globe valves. These valves find common application in scenarios involving cyclic flow movements, where their design allows them to withstand the potentially damaging effects of such flow patterns. The angle pattern globe valve's ability to handle the challenges posed by cyclic flow makes it a suitable choice for various industrial applications where durability and reliable performance are crucial considerations.

Parts:

1. Body
2. Disc or Plug
3. Seat
4. Stem
5. Bonnet
6. Yoke
7. Actuator

Advantages:

1. Precise Flow Control
2. Tight Shut off
3. Ability to change the direction of fluid flow by 90 degrees
4. Compact Design
5. They can handle a wide range of fluids.
6. Reduced Pressure Drops

We manufacture [Angle Globe Valve](#) for these industries:

1. Petrochemical and Chemical Industries
2. Oil and Gas Production and Refining
3. Power Generation (including fossil fuel and nuclear power plants)
4. Water and Wastewater Treatment
5. Pulp and Paper Manufacturing
6. Marine and Shipbuilding
7. Mining and Mineral Processing
8. Aerospace and Defense
9. Automotive Manufacturing
10. Steel and Metal Processing
11. Renewable Energy (e.g., solar and geothermal power plants)

Description:

1. Available materials: Monel, Incoloy, Inconel, F55, F53, F51, Cast iron, SS304, SS316, Titanium, Zirconium, WCB, CF8, CF8M, CF3, CF3M, WC1, WC6, WC9
2. Size: 1/2" to 24"
3. Class: 150 to 2500
4. Nominal Pressure: PN10 to PN450
5. Operation: Handwheel, Gear Operated, Electric and Pneumatic Actuated
6. Ends: Flanged, Buttweld, Socketweld, Threaded
7. Standards: ASME, API6D, API607, DIN, BS, ANSI

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