

Double Flanged Butterfly Valve Manufacturers in India



At Specialty Valve, we take pride in being a reliable [Double Flanged Butterfly Valve Manufacturers in India](#). Our products are distributed across various states domestically.

Understanding Double Flanged Butterfly Valves:

A double flanged butterfly valve is a crucial component in fluid control systems, characterized by its two flanged connection points. This design ensures easy installation and secure sealing within pipelines. The valve features a circular disc or "butterfly" that rotates within the pipeline to regulate the flow of fluids.

Operation Mechanism:

Similar to a standard butterfly valve, the double-flanged variant employs a rotating disc to control flow. When fully open, the disc aligns parallel to the flow direction, minimizing resistance for unrestricted passage. In the closed position, the disc turns perpendicular to the flow, effectively blocking it. The additional flanges enhance sealing capabilities and structural integrity, making it suitable for high-pressure applications.

Main Components:

1. **Body:** The outer casing housing internal components
2. **Disc:** A circular or semi-circular plate that controls flow through rotation.
3. **Stem:** A rod connecting the actuator to the disc for opening or closing.
4. **Actuator:** The mechanism for operating the valve, available in manual, pneumatic, hydraulic, or electric options.
5. **Seat:** The surface against which the disc seals to control flow and prevent leakage when closed.
6. **Flanges:** Raised rims at both ends used for connecting the valve to pipelines or other equipment.
7. **Bolts and Nuts:** Fasteners securing the valve to pipelines or equipment.

Advantages of Double Flanged Butterfly Valves:

1. **Easy Installation:** Simplifies the setup process, ensuring quick and hassle-free deployment
2. **Versatility:** Adaptable to various applications and operational requirements. **\Compact Design:** Occupies minimal space, ideal for installations with space constraints.
3. **Low Pressure Drop:** Minimizes resistance, facilitating efficient fluid flow.
4. **Quick Operation:** Swift response and adjustment for precise control of fluid flow.
5. **Cost-Effective:** Offers economic benefits without compromising on performance.
6. **Easy Maintenance:** Streamlined design allows for straightforward maintenance procedures.]

7. Wide Range of Sizes Manufactured: Tailored solutions available to meet diverse size requirements.

Industries Served:

As [Double Flanged Butterfly Valve Manufacturers in India](#) , our valves serve various industries, including:

1. Water and Wastewater Treatment
2. Chemical Processing
3. Oil and Gas
4. Power Generation
5. Pulp and Paper
6. Marine and Shipbuilding
7. Mining and Minerals
8. Petrochemical
9. Fire Protection Systems

Product Description:

1. Materials: Cast Iron, Ductile Iron, 316, CF8M, CF8, CF3M, WCB, SS316, SS304.
2. Class: 150 to 300.
3. Nominal Pressure: PN6 to PN25.
4. Size: 2" to 72".
5. Ends: Flanged.
6. Operations: Electric actuated, pneumatic actuated, gear operated, lever operated.

Visit us and get your quote today:

<https://www.specialityvalve.com/product-category/double-flanged-butterfly-valve/>

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