

## Wafer Butterfly Valve Manufacturers in India



Speciality Valve takes pride in being a leading [Wafer Butterfly Valve Manufacturers in India](#), supplying high-quality valves to regions including Maharashtra, Kerala, and Madhya Pradesh. The wafer butterfly valve, with its compact and wafer-like design, is strategically positioned between flanges in a pipeline, offering a space-efficient solution for fluid control. Distinguished by the absence of extended lugs or flanges, these valves ensure a simpler and cost-effective installation process.

### **What is a Wafer Butterfly Valve?**

A Wafer Butterfly Valve is a type of flow control device used to regulate or isolate the flow of a fluid within a system. Its unique design resembles a thin slice or “wafer.” When the valve is closed, the disc is turned to block the flow of fluid. These valves are commonly used in various industrial applications due to their compact design and ease of installation.

### **How does it work ?**

A wafer butterfly valve operates by using a disc mounted on a central shaft to control the flow of fluid within a pipeline. The disc is typically installed between two flanges, hence the name "wafer," and is designed to rotate within the valve body. When the valve is open, the disc aligns parallel to the direction of flow, allowing fluid to pass through the pipeline with minimal obstruction. Conversely, when the valve is closed, the disc rotates perpendicular to the flow, effectively blocking the passage of fluid.

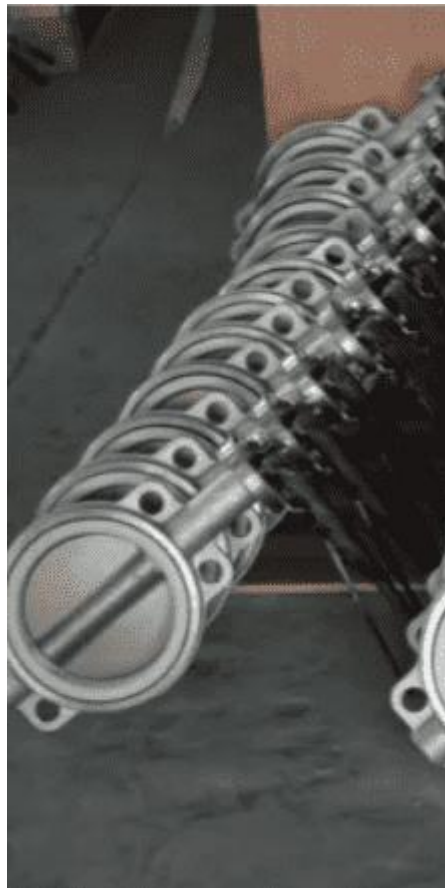
The rotation of the disc is controlled by a handle or actuator connected to the valve shaft. By turning the handle or activating the actuator, the disc can be precisely positioned to regulate the flow of fluid. This design provides quick and efficient flow control, making wafer butterfly valves suitable for a wide range of applications across various industries.

**As [Wafer Butterfly Valve Manufacturers](#) we provide valves with following applications:**

1. Water and Wastewater Treatment: Ensuring efficient fluid control for water and wastewater treatment processes.
2. Chemical Processing: Crucial role in regulating fluid flow within pipelines for various chemical processing applications.
3. Petrochemical and Oil Refineries: Streamlined fluid management in demanding petrochemical and oil refinery environments.
4. Power Generation: Integral to precise flow control within fluid systems in power generation facilities.
5. Mining and Minerals: Reliable fluid control solutions enhancing operational efficiency in mining and minerals.
6. Water Distribution: Essential components in water distribution systems, facilitating optimal fluid flow.
7. Chemical Distribution: Contribution to the controlled distribution of chemicals, ensuring safety and efficiency.
8. Pulp and Paper: Valuable assets in fluid control processes within pulp and paper manufacturing.
9. Textile Manufacturing: Contributing to fluid management, these valves are vital in textile manufacturing.
10. Marine and Offshore: Designed to meet challenges of fluid control in marine and offshore applications.

**Advantages:**

1. Compact Design
2. Bi-Directional Flow
3. Quick Operation
4. Simple and Reliable Construction
5. Cost-Effective
6. Wide Range of Sizes
7. High Flow Capacity
8. Versatility
9. Bubble-Tight Shut-off
10. Low Maintenance

**Description:**

Material: Cast Carbon steel (WCC, WCB, WC6), Stainless Steel [SS316, SS304, SS316L, SS904L, CF8, CF8M, F31L, F91], Duplex Steel, and Super Duplex Steel (F51, F53, F55), Cast iron, Ductile Iron.

Ends: Wafer

Pressure: PN6- PN25

Size: 2" to 72"

Operation: lever operated, Gear Operated, electric actuated, pneumatic actuated.

**Visit us:** <https://www.specialityvalve.com/product-category/wafer-butterfly-valve>

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