

Double Flanged Butterfly Valve Manufacturer in USA

Valvesonly is the foremost [Double Flanged Butterfly Valve Manufacturer in USA](#). A double flanged butterfly valve, a type of flow regulation device within pipelines, employs a circular disc positioned on a rotating shaft. This valve showcases dual flanges on its ends, facilitating secure attachment between two pipes in a piping system. The disc, perpendicular to fluid flow when closed, rotates to an open position, permitting fluid passage. Manipulation of the valve occurs through a handle, gear, or actuator, which rotates the shaft, thus adjusting disc orientation.

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Parts:

- Casing
- Plate
- Rod
- Seating
- Operator
- Flange Connections
- Sealing Element
- Fasteners

Industries:

- Petroleum & Natural Gas
- Chemical Manufacturing
- Power Production
- Aviation and Space Technology
- Maritime Industry
- Water Purification Processes

Applications:

- Water Dispersion and Treatment Operations
- Cooling Mechanisms
- Fire Safety Systems
- Conveyance and Pipeline Systems for Gases
- Conduction and Handling of Chemical Substances

Advantages:

- Streamlined and Compact Design, Simplifying Installation and Management
- Reduced Torque Requirement, Minimizing Actuation Power Necessity

- Diminished Pressure Drop Across the Valve, Enhancing Energy Efficiency
- Expedient and Simple Functionality, Ensuring Prompt Response
- Applicability in Both Binary Control and Throttling Functions
- Limited Maintenance Needs, Ensuring a Prolonged Lifespan
- Adaptable Design, Suitable for an Extensive Array of Fluids and Gases
- Cost-Effective Solution for Flow Control in Large-Diameter Pipelines

Description:

- Body Composition: Molded Carbon Steel (WCC, WCB, WC6), Stainless Steel Variants [SS316, SS304, SS316L, SS904L, CF8, CF8M, F31L, F91], DUPLEX STEEL and Super Duplex Steel Options (F51, F53, F55), Cast Iron, Ductile Iron
- size: Ranging from 2 Inches to 48 Inches
- Class: Class Ratings of 150 to 300; Pressure Ratings from PN 6 to PN 25
- Ends: Wafer, Flange-Connected, Lug Style
- Operations: Lever-Based Control, Gear-Driven Management, Pneumatic and Electric Actuation

<https://valvesonly.com/product-category/flanged-butterfly-valve/>

