

Butterfly Valve

Overview

Butterfly Valves are designed to offer reliable control and on-off performance using a disc as the closure part. Butterfly valves can be either symmetric or eccentric (offset), the offset referring to the stem being displaced from the center of the disc.

Butterfly valves are available in wafer style (no flanges), lugged (single flange), and double-flanged body types. These valves are offered with short face-to-face dimensions making them the right selection for versatile and cost-efficient solutions for a variety of on/off and control applications.

Types of butterfly valves

i) Lined butterfly valve. ii) double offset butterfly valve iii) Triple offset butterfly valve

PRODUCTS

Specifications

SIZES RANGE

- DN 50 to DN 900 (2" to 36").

PRESSURE RATING

- CAT A Centric Disc: PN10, PN16, PN25, and Class 150
- CAT B Offset Disc: Class 150 to Class 900

DESIGN STANDARDS

- API 609 Cat A&B, EN 593 (BS 5155), MSS SP 67, IS 13095

TESTING STANDARD

- API 598 / BS 6755 PART 1

Operations

MANUAL

- Bare-shaft, Lever & Gearbox.

AUTOMATION

- Electric, Pneumatic, and Hydraulic Actuators.

End Connection

SCOPE

STANDARD

BS4504 PN10/PN16,

Wafer, Lugged, Flanged

BS4504 PN10/PN16,

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Special Features

- The design complies with API 609.
- Blowout-proof Shaft.
- Range of Short-pattern and Long-pattern valves.
- Tight sealing and low operating torque.
- Design Validation Test for various valves successfully completed 10,000 cycles.
- Body materials: Cast Iron, SG Iron, Carbon Steel, SS 304/ CF8, SS 316/ CF8M
- Elastomer Seals - Black/White Nitrile, Black/White EPDM, Viton, and Silicon.
- Fire-Safe Design for Offset Valves.
- Actuator mounting pads to ISO 5211.

Shutoff Rating

- Zero Leakage for Soft Seated & Metal Seated as per API 598 or relevant STD.

Applicable medium :

Clearwater, neutral liquid, Industrial water, Sewage, Low Corrosive Liquids

