

Triple Offset Butterfly Valve for High-Pressure Applications

This triple offset butterfly valve utilizes a triple offset principle in its design to optimize movement. Its metal-to-metal sealing provides tight shutoff for high-pressure and high-temperature environments.



Product Overview

Triple Offset Butterfly Valve Technology

This triple offset butterfly valve utilizes an advanced geometric design to eliminate friction and interference during the sealing process. Engineered for demanding environments, it provides reliable metal-to-metal sealing suitable for high-pressure and high-temperature applications. The modular design allows for field-replaceable seat components, significantly reducing long-term maintenance costs and operational downtime.

Industry Applications

Petroleum, Natural Gas, Chemical, Energy, Power Plants, Water Treatment

Technical Specifications

Actuation Options

- Worm gear
- Electric actuator
- Pneumatic actuator

Connection Methods

Flange • Wafer • Weld

Size Range

DN50 to DN1500 (NPS 2 to NPS 60)

Pressure Class

Class 150, Class 300, PN10, PN16, PN25, PN40

Materials and Construction

Construction Materials

| Component | Material Options |
|-----------------|-------------------------------|
| Valve Body | Carbon Steel, Stainless Steel |
| Sealing Surface | Stainless Steel, Hard Alloy |

Compliance and Standards

Pressure Test Standards

- GB/T13927
- API 598

Face-to-Face Standards

- GB/T12221
- API 609