

Bronze Lug Butterfly Valve with Double Eccentric Offset

This copper bronze lug butterfly valve features a double offset structure suitable for shut-off and throttling control. The resilient-seated design allows rotation under low torque, which extends service life and reduces actuator costs.



Overview

High-Performance Bronze Lug Butterfly Valve

This double eccentric offset butterfly valve is engineered for precise shut-off and throttling control in demanding industrial environments. Featuring a resilient-seated design, it minimizes torque requirements and seat wear, ensuring an extended service life and reduced actuator costs. The versatile construction supports both hard-to-hard and hard-to-soft sealing configurations, making it adaptable for various liquid and gas applications.

Technical Specifications

Seat Material Options

- PTFE
- Graphite PTFE
- Metal

Working Temperature

-40 °C
Min Temp

120 °C
Max Temp

Size Range	NPS 2 - NPS 48 (DN 50 - DN 1200)
Pressure Rating	Class 150, PN10, PN16
Body Material	Bronze

Design & Features

Key Design Features

- Double eccentric offset structure
- Replaceable seat ring design
- Blowout-proof shaft
- Self-lubricated bearings
- Adjustable mechanical stopper
- Frictionless closure

Compliance & Standards

Pressure Test Standards	GB/T13927, API598
Face to Face Standards	GB/T12221, API609

Application

Primary Applications

Industrial • Water Treatment • Sea Water • Oil & Gas