Butterfly Valves Series SuperAlloy Valves

Double Offset Butterfly Valves **General Highlights**

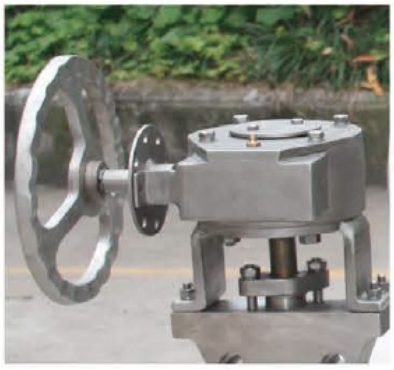
Applicable Seat Materials

PTFE
RPTFE (15% Glass Filled)
RPTFE (25% Carbon Filled)
Viton
Other materials can be supplied upon request

Specifications

Anti-static
Blowout-proof stem
V type packing, reliable packing seals
Zero leakage
Ends: Wafer, Lug
Uni-directional/Bi-directional sealing
Operation: Level, Gear, Electric, Pneumatic actuator
Bare shaft with ISO 5211 top mounting flange (when specified)

Double offset design to easily replace the seat



Lockable design available for Gear operation

ASME Butterfly valve as citing	
Design	API 609
Testing	API 598
Face to face dimension	API 609
Flange ends	ASME B16.5, ASME B16.47 Series A
Pressure temperature rating	ASME B16.34
Visual Inspection of casting	MSS-SP-55

Size/Pressure Produce Range		Operator
Pressure	Wafer/Lug	
150LB	2" up to 100"	2"~4" Lever: 5"~100" Gear
300LB	2” up to 60"	2”~4” Lever: 5”~60” Gear
600LB	On Application	

Notes:
*Other unspecified standards and sizes are available upon request.

FLO TITE valves & controls

HI-TEK SuperAlloy

Double Offset Butterfly Valves Design Features

Double Offset Design
- This feature keeps the valve seat away from the disc when the disc starts rotating around the stem.
- Eliminate the wear on the seat and thus increases the life of the seat.
- Offers excellent throttling capabilities, which makes it an ideal choice for flow control applications.

Blowout-Proof Stem
- The stem has a split ring to protect the stem from blowout.
- Whether the valve with or without pressure, release the packing bolts, stem will not blowout.

V Type Gland Flange
- It can prevent packing shift under pressure.

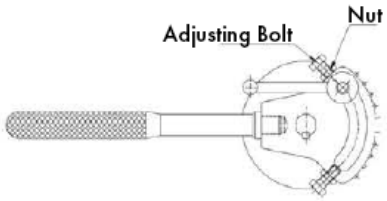
Packing Design
- Packing is online adjustment.
- Wedge-shaped packing, the sealing will be more reliable.

Double Belleville Spring Design
- Belleville spring loaded can always protect packing sealing.

Seat Design
- Soft seat valve designs are uni-directional or bi-directional.
- The seat is retained by the seat retainer, which prevents the seat from blowing out during operation.
- Replace the seat without removing the disc and stem, it is easy to maintain.

Pin Design
- With a pin to eliminate gap between disc and stem, so that the disc will not be moved after pressure.

Locking Device
- Level operation with locking device to avoid misuse.
- Gear operation with the locking device is also available upon request.



Others
- Short face-to-face dimension, low cost and light weight.
- Easy installation