

Butterfly Valves

High Seal Series

For Severe Process Service

High Performance Butterfly Valves

High Performance Butterfly Valves are the result of years of experience in the design and manufacture of products for a variety of applications. Our valves are designed and tested to meet or exceed the most exacting standards of our industries.

Sizes
2"-60"

A wide range of applications from vacuum to very high pressure service, and from low to very high temperature

service. Suitable for any severe process lines.

Excellent control characteristics that allow throttle control of flows.

Bubble-tight shut-off capability.

Applications in many industries such as:

- Oil refining
- Chemical and petrochemical processing
- Pulp and paper manufacturing processing
- Sugar refining
- Coal and mining industries
- Chemical machinery industries
- Power generating plants
- Desalination
- Steelmaking



Butterfly Valves

High Seal Series

GTD SERIES - Resilient Seated

SPECIFICATIONS

Sizes/Ratings:

2" - 24" / ANSI Class 150 - ISO PN 10, 16, 25

2" - 24" / ANSI Class 300 - ISO PN 25, 40

3" - 24" / ANSI Class 600 - ISO PN 64

Face to Face Dimensions: ISO 5752 / short (DIN3202 / K1),
API 609, MSS SP - 68

Top Plate: ISO 5211

Body Style: Wafer design, lug design

Manual Actuator: Lock lever handle, worm gear

Automatic Actuator: Electric, pneumatic (spring return or double acting), hydraulic cylinder

MATERIALS

Body: Carbon steel (A216 - WCB),
316 stainless steel (A351 - CF8M)

Disc: A351 - CF8M

Shaft: 17 - 4PH (630SS)

Seat: RTFE (482°F maximum), leakage is negligible

Shaft Bearing: RTFE / 316 stainless

Gland Bearing: PTFE

Seal: PTFE

MTD SERIES - Metal Seated

SPECIFICATIONS

Sizes/Ratings:

2" - 36" / ANSI Class 150 - ISO PN 10, 16, 25

2" - 30" / ANSI Class 300 - ISO PN 25, 40

3" - 24" / ANSI Class 600 - ISO PN 64

Face to Face Dimensions: ISO 5752 / short (DIN3202 / K1),
API 609, MSS SP - 68

Top Plate: ISO 5211

Body Style: Wafer design, lug design

Manual Actuator: Lock lever handle, worm gear

Automatic Actuator: Electric, pneumatic (spring return or double acting), hydraulic cylinder

MATERIALS

Body: Carbon steel (A216 - WCB),
316 stainless steel (A351 - CF8M)

Disc: A351 - CF8M / ENP (electroless nickel plate) or stellite

Shaft: 17 - 4PH (630SS)

Seat: Material/Treatment on disc surface/maximum working temperature:

- 316 stainless / ENP / below 572°F

- Inconel / ENP / below 662°F

- Inconel / Stellite / below 1202°F

- Leakage is in accordance with the Class V of ANSI B16.104 for permissible leakage rate.

Shaft Bearing: 316 Stainless

Gland Bearing: Graphite and nonasbestos

Seal: Graphite

FSD SERIES - Fire Safe Seated

SPECIFICATIONS

Sizes/Ratings:

2" - 36" / ANSI Class 150 - ISO PN 10, 16, 25

2" - 30" / ANSI Class 300 - ISO PN 25, 40

3" - 24" / ANSI Class 600 - ISO PN 64

Face to Face Dimensions: ISO 5752 / short (DIN3202 / K1), API 609, MSS SP - 68

Top Plate: ISO 5211

Body Style: Wafer design, lug design

Manual Actuator: Lock lever handle, worm gear

Automatic Actuator: Electric, pneumatic (spring return or double acting), hydraulic cylinder

MATERIALS

Body: Carbon steel (A216 - WCB), 316 stainless steel (A351 - CF8M)

Disc: A351 - CF8M

Shaft: 17 - 4PH (630SS)

Seat: RTFE with 316SS (500°F maximum), leakage is negligible

Shaft Bearing: 316 stainless

Gland Bearing: Graphite

Seal: Graphite