

KFlo 500 Series Butterfly Valve, AWWA C504, CI 150B, Sizes 3"-20"

One-Piece-Thru Shaft Design

Ensures high strength and positive disc control

Permanently Lubricated Upper & Lower Bearings

Designed for horizontal and/or vertical shaft loading, the bearings are maintenance-free, providing strength and low friction for easy operation and long service life.

Primary Shaft Seals

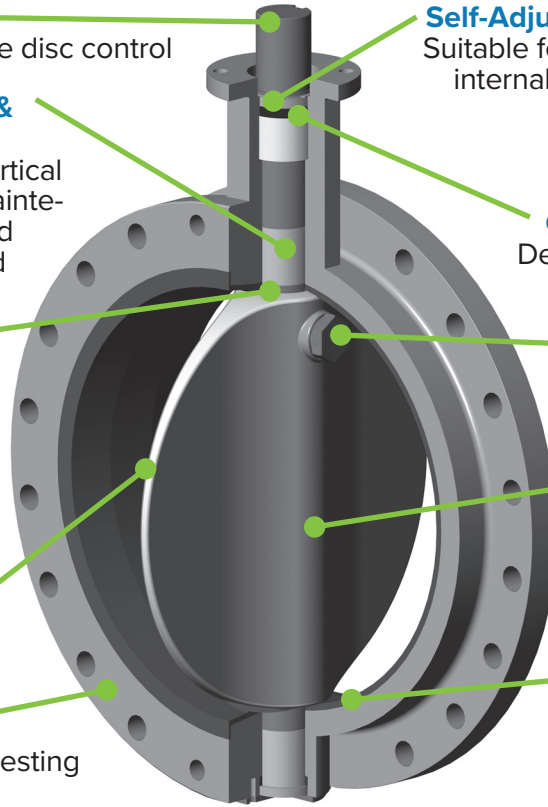
Affected by preloaded contact between the disc hub and seat, a secondary seal is formed by the shaft diameter, which is greater than the passage hole in the resilient seat.

316 Stainless Steel Disc Edge

Designed for optimum performance and long seat life.

Rugged Ductile Iron Body

Meets or exceeds all design and testing requirements for AWWA C504



Self-Adjusting Upper & Lower Shaft Seals

Suitable for pressure or vacuum service, the internal shaft seals prevent foreign matter from entering the valve. Packing is retained by recessed independent packing retainer ring in all sizes

Corrosion-Resistant Top Bushing

Designed for a long life, the bushing absorbs actuator side thrust.

Stainless Steel Torque Plug

Ensures a positive leak-proof connection of the shaft to the disc.

Epoxy-Coated Disc, NSF 61 approved

Provides maximum strength, high flow capacity, and excellent flow control. 316 SS/ Ductile Iron Disc standard.

Vulcanized Resilient Seat

Designed so that no adjustment or maintenance is required. Bi-Directional drip tight shutoff to 200psi is optional.

An AWWA C504 Resilient Seated Butterfly Valve for all your project needs

The K-Flo 500 Series is a heavy-duty resilient seated butterfly valve line for use in municipal, power and industrial applications. Every K-Flo 500 Series valve is tested for performance, as well as seat and body leakage, and the valves meet or exceed the latest AWWA C504 standards and requirements. 500 Series valves are also available in flanged or mechanical joint configurations. Flanged ends are available on sizes 3" thru 20" while mechanical joints are available on sizes 6" thru 20."

Class 250 B Valves with AWWA C507 E & F drilling are available. Please call the factory.

500 SERIES ADVANTAGES

- ✓ **AWWA C504 Compliant**
- ✓ **3"-20" tested at 150psi**
- ✓ **Cv's ≥ industry standards for superior performance**
- ✓ **Symmetrical disc for bi-directional service**
- ✓ **Fully rubber-lined body**
- ✓ **Multiple Actuator Options**
- ✓ **Fusion epoxy coating option on ductile iron disc**
- ✓ **Stainless steel disc edge**
- ✓ **Self adjusting packing for longer valve life**
- ✓ **Bi-directional packing prevents contamination from entering potable water supply**
- ✓ **Packing is retained by recessed independent packing retainer ring in all sizes**



PRODUCT LINE

KFLO 500 SERIES BUTTERFLY VALVE, 3"-20"

SHEET

K-Flo 500 Series Design Features

DATE

12/1/22

REVISION

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DOC. NO.

D-BF-500-DF-r0