



An exceptional American manufactured sanitary valve for chemical and food safe applications.

Sizes: 2"-12" - Lug and Wafer Body Styles

A DISC/STEM

BTI's standard is 255 duplex stainless which is more corrosion resistant than 316SS and nearly twice as strong. This allows for the disc to be thinner and increase the Cv without reducing its strength. The encapsulated Disc are PTFE/255SS which is nearly 4x more corrosion resistant than 316SS while maintaining superior strength. Consult factory for additional options.

B SEAT

Available valve seats include: PTFE lined with EPDM, FDA Nitrile, or fluorocarbon and also available in standard EPDM, FDA Nitrile and Fluorocarbon. Consult factory for additional options.

C HUB SEAL

Provides the primary positive seal between disc hub and seat.

D STEM/SEAT SEAL

The designed interference between the fully PTFE lined stem and seat provides a secondary seal to prevent media from contacting internal components.

E O-SEAL

BTI O-seals provide a tertiary seal to prevent media from reaching internal valve components. Available in PTFE, Buna-N, EPDM or fluorocarbon.

F BODY

The wafer style body is designed to fit between TTMA, ANSI/ASME 125 & 150 and lightweight flanges. The wafer body comes standard in ductile iron and is also available in aluminum; with several corrosion resistant coating options. Lug style bodies are designed to accommodate ANSI/ASME 125 & 150 flanges and are available in ductile iron.

G TOP PLATE

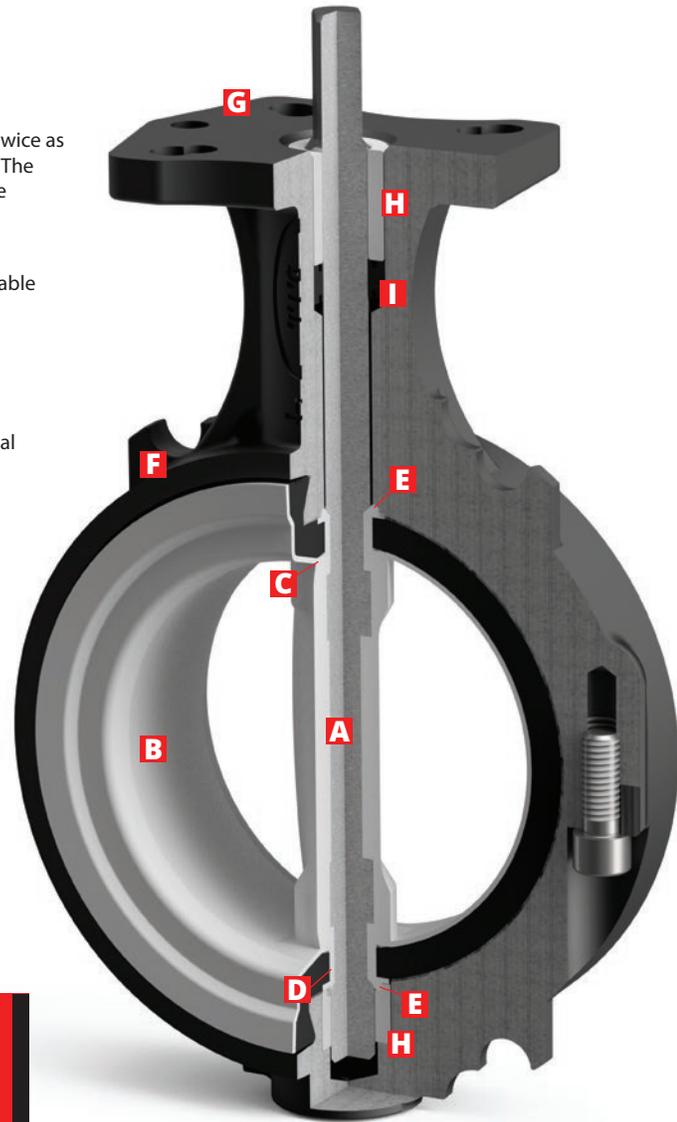
Precision machined to accommodate standard drilling patterns. Will accept manual handle kits, or actuator, interchangeable with standard ISO patterns.

H STEM BUSHING

Corrosion resistant acetal stem bushings top and bottom provides seize-free valve operation.

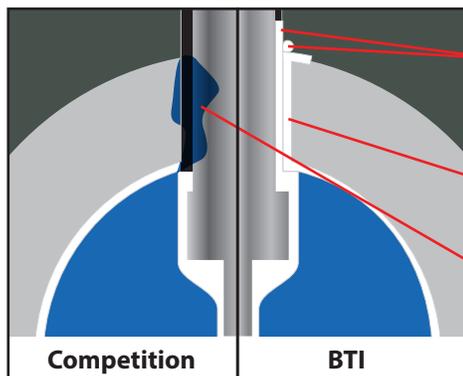
I STEM SEAL

Ensures no external contaminants reach the stem journal. Available in Buna-N, EPDM or fluorocarbon.



Seat and disc are totally Interchangeable with Ultraflo 399/392, Sure Seal 899/892, Keystone 999/992 and ABZ 909/919 valves

THE BTI TOTALLY ENCAPSULATED SYSTEM.



PTFE disc and stem encapsulation not only protects the disc but also extends up the stem, top and bottom. This extension along with a PTFE o-ring creates a leak proof seal against contamination.

PTFE lining encapsulates the seat through the stem ensuring complete protection of the valve seat.

With no extended encapsulation, product can invade and corrode the stem and seat.



Better Through Innovation.

All BTI products are guaranteed to:

LAST LONGER. WORK BETTER.

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