

Recommended Specifications

KEYSTONE



Figure 990 Resilient Seated Butterfly Valve

General Specification

The valve shall be capable of bi-directional, drop-tight service to 150 psi (1" - 12") and 75 psi (14" - 20").

Flange Mating

Valve body shall be wafer style and meet ANSI Class 125/150 flange standards.

Actuation

Valve body shall have an integrally cast top plate for direct flush-mounting of manual or power actuators without use of brackets or adaptors. Valves 8" and larger shall be provided with manual gear or power actuators. All actuators shall be sized to operate at the maximum pressure rating of the valve.

Seat

The dovetail seat shall ensure drop-tight, bi-directional shutoff and shall be field replaceable. The seat shall fully isolate the valve body, stem and journal areas from the flowing media. A molded in O-ring shall be used on the flange face to eliminate the need for flange gaskets.

Disc/Stem

The valve shall have a one-piece disc/stem for minimum obstruction to flow. The disc edges and hubs shall be polished to reduce frictional torque.

Upper Stem Bushing/Stem Packing

The valve shall have a heavy-duty acetal upper stem bushing. Bi-directional stem packing shall ensure dry stem design.

Materials of Construction

- Body:** Cast Iron
316 Stainless Steel (2" - 6")
- Disc:** 316 Stainless Steel
Teflon® Molded
EPDM Molded
BUNA-N Molded
- Seat:** NBR Foodgrade
EPDM Foodgrade
Teflon® Lined EPDM
Teflon® Lined BUNA-N
Viton®
Other
- Stem:** 316 Stainless Steel
- Stem Packing:** NBR
- Size:** 1" - 20"

1. Teflon® is a registered trademark of E.I. du Pont de Nemours Company.

2. Viton® is a registered trademark of DuPont Dow Elastomers.

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