

Recommended Specifications

KEYSTONE

Figure 920 Resilient Seated Butterfly Valve



General Specification

The valve shall be capable of bi-directional, drop-tight service to 150 psi (2" - 12") and 75 psi (14" - 20").

Flange Mating

Valve body shall be lug 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.

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.

Inboard Bearings/Upper Stem Bushing/Stem Packing

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

Materials of Construction

Body: Cast Iron

Nodular Iron

316 Stainless Steel

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: 2" - 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.

www.keystonevalves.com

www.tycoflowcontrol.com

Copyright © 2006 Tyco Flow Control.
All rights reserved.

KEYMC-0266-US-0611

Total Flow Control Solutions™

tyco / Flow Control