

TrimFit[®]

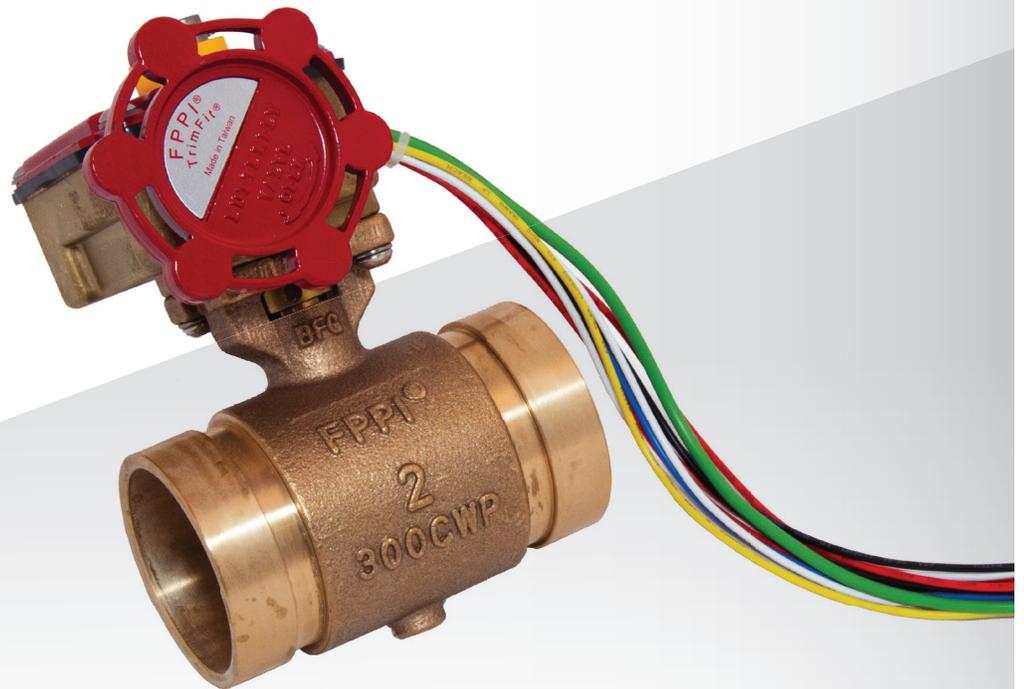
BRONZE BUTTERFLY VALVE

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LISTED FOR
INDOOR/OUTDOOR
APPLICATION



- Superior corrosion resistance from bronze valve body and forged brass actuator body
- Smooth action in a very compact package prevents water hammer
- UL/ULc Listed and FM Approved for use in indoor and outdoor applications
- Available threaded and grooved – grooved butterfly valves now also available in 1¼" and 1½" sizes
- Suitable for installation in any orientation
- 1" size is UL listed, FM approved



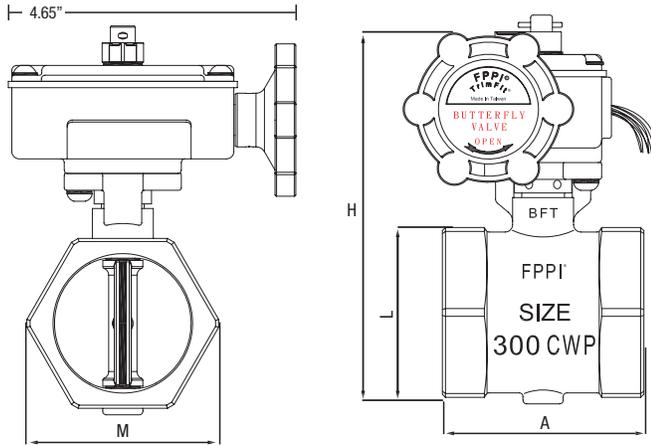
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TrimFit® Bronze Butterfly Valve

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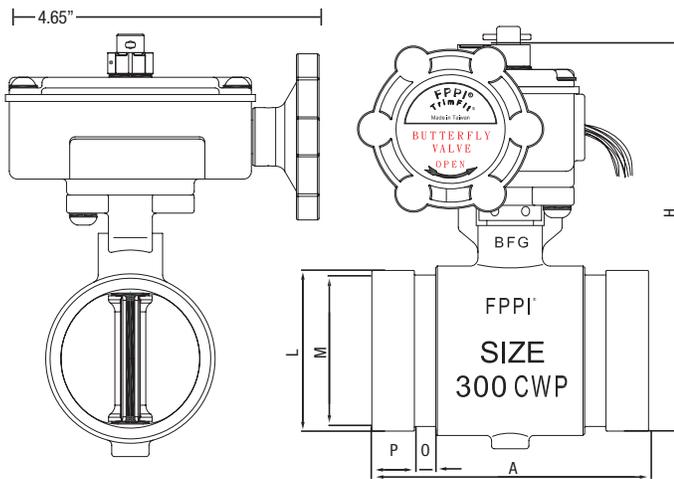
UL Listed and FM Approved

Dimensions



BFT SIZE: 1", 1¼", 1½", 2", 2½"

SIZE	1"	1¼"	1½"	2"	2½"
A	2.13"	2.63"	2.87"	3.25"	4.49"
H	4.94"	5.13"	5.59"	6.13"	6.58"
L	1.56"	1.94"	2.19"	2.76"	3.41"
M	1.75"	2.17"	2.37"	3.11"	3.78"



BFG SIZE: 1¼", 1½", 2", 2½"

SIZE	1¼"	1½"	2"	2½"
A	3.86"	4.02"	4.09"	4.49"
H	5.20"	5.47"	6.07"	6.58"
P	0.63"	0.63"	0.63"	0.63"
O	0.31"	0.31"	0.31"	0.31"
M	1.54"	1.78"	2.25"	2.72"
L	1.67"	1.90"	2.37"	2.87"

Model BFT

- Packing Gland with Adjustable Glands shall be accessible for tightening stem seals without the disassembly of the valve or operator.

Model BFG

- Grooved ends to AWWA C606 for steel pipe.
- Packing Gland with Adjustable Glands shall be accessible for tightening stem seals without the disassembly of the valve or operator.



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Installation Instructions

Description

TrimFit® Model BFT (Threaded Butterfly Valve) and Model BFG (Grooved Butterfly Valve) close slowly to prevent water hammer. The butterfly valves are designed to be installed in any orientation and monitored to signal if the valve is opened or closed. They are Listed and Approved for use in a fire sprinkler system.



Installation

1. The valve can be installed in any orientation in a piping system with standard ASME B1.20.1 NPT or standard roll or cut grooved pipe.
2. When threading to pipe, apply PipeFit® or equivalent thread sealant or tape.
3. Use a wrench to cramp on the hexagon end of the valve.
4. The tamper switch features two switches: Switch-1 has dual leads on the terminals. This switch is used for connection of the supervisory circuit of a listed fire alarm control panel. Switch-2 has a single lead. This switch is used for connection of auxiliary equipment.
5. All the unused wires need to be capped with lead nuts and tucked into a junction box.
6. All connections need to be reviewed and approved by the appropriate jurisdictional authorities.

7. A No. 14 green wire is fixed inside the switch housing. It is provided as a ground for the housing.
8. The valves are intended for use with ANSI B36.10 Schedule 40 and/or Schedule 80 pipes, sizes 1", 1-¼", 1-½", 2" and 2-½".

NOTE: ALL REPLACEMENT PARTS MUST BE OBTAINED FROM THE MANUFACTURER TO ASSURE PROPER OPERATION OF THE VALVE, AND TO MAINTAIN APPROVAL OF THE DEVICE.

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Specifications

Rated to 300 PSI
Switch rating:
10.1Amps/125/250VAC-60Hz
Actual switch application rating:
10 Amps/115 VAC-60Hz
0.5 Amps/28 VDC
Indoor/Outdoor Use

Materials

Body: Bronze ASTM 584 C83600
Disc: SS304
Handwheel: ASTM A216 WCB
Seat: ASTM D2000 Viton
Indicator: Powder Metal
Housing/Cover: Forged Brass
JIS C3771 (Ref. ASTM C37700)

Available Sizes

TrimFit® Model BFT (Threaded)
06-500-00 1" UL/FM
06-502-00 1¼" UL/ULc/FM
06-504-00 1½" UL/ULc/FM
06-506-00 2" UL/ULc/FM
06-508-00 2½" UL/ULc/FM

TrimFit® Model BFG (Grooved)
06-522-00 1¼" UL/ULc/FM
06-524-00 1½" UL/ULc/FM
06-526-00 2" UL/ULc/FM
06-528-00 2½" UL/ULc/FM

CA Bldg. Materials Listing #
7770-2164-0100



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