



Model BFG-350 Butterfly Valve Grooved Tapped Body

350 psi (24 bar)

Product Description

The Reliable Supervised Butterfly valves are cULus Listed and FM Approved for fire protection systems (See Table A for complete approval information). Reliable Supervised Butterfly Valves valves have AWWA C606 grooved end connections. They are available in 2-1/2" (65mm), 3" (76mm), 4" (100mm), 6" (150mm), and 8" (203mm) nominal sizes. The valves are listed for 350 psi (24 bar) working pressure. The maximum working temperature for the valves is 250°F (120°C). The valve bodies come equipped with plugged, mirrored, tapped ports on the supply and discharge side of the disk.

Maintenance

The owner is responsible for maintaining the fire protection system in proper operating condition. Any system maintenance or testing that involves placing a control valve out of service will eliminate the fire protection that is provided by the fire protection system.

The Reliable Supervised Butterfly valves and associated equipment shall periodically be given a thorough inspection and test. NFPA 25, "Inspection, Testing and Maintenance of Water Based Fire Protection Systems," provides minimum maintenance requirements.

Ordering Information

Specify the following when ordering:

Supervision

- Supervised Open (Yellow Indicator)
- Supervised Closed (White Indicator)

Valve Size

- 2-1/2" (65mm)
- 3" (76mm)
- 4" (100mm)
- 6" (150mm)
- 8" (203mm)

Guarantee

For Reliable Automatic Sprinkler Co., Inc. guarantee, terms, and conditions, visit www.reliablesprinkler.com.



Model BFG-350 Butterfly Valve - Supervised Open (Yellow Indicator)



Model BFG-350 Butterfly Valve - Supervised Closed (White Indicator)

Table A

Valve Size	Pressure Rating	Approvals
2-1/2" (65 mm)	350 psi (24 bar)	cULus, FM
3" (76 mm)		
4" (100 mm)		
6" (150 mm)		
8" (203 mm)	350 psi (24 bar)	cULus

Reliable Model BFG-350 Supervised Grooved Butterfly Valve

Technical Specifications

Pressure Rating:
350 psi (24 bar)

Material Specifications

Body: Ductile Iron ASTM A-536 Nylon-11 Coated
Disc: ASTM A-536 EPDM Encapsulated
Upper and Lower Stems: AISI 420-SS
Housing: ASTM A-536
Hand Wheel: ASTM A-536
Flag Indicator: ASTM A-536
Shear Pin: ASTM A-510
Segment Gear: B-584
Housing Gasket: EDPM Grade E
O-Ring: EDPM Grade E

Specifications

Groove Connections: AWWA C 606

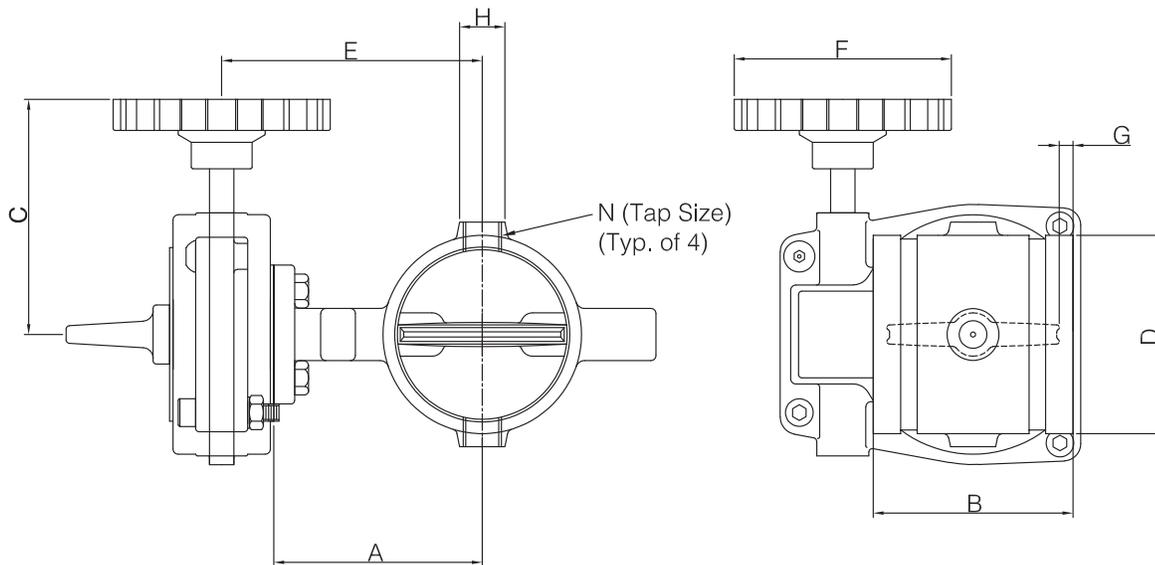
Listings and Approvals

See Table A



Reliable Grooved/Tapped Butterfly Valve Specification and Dimensions

Figure 1

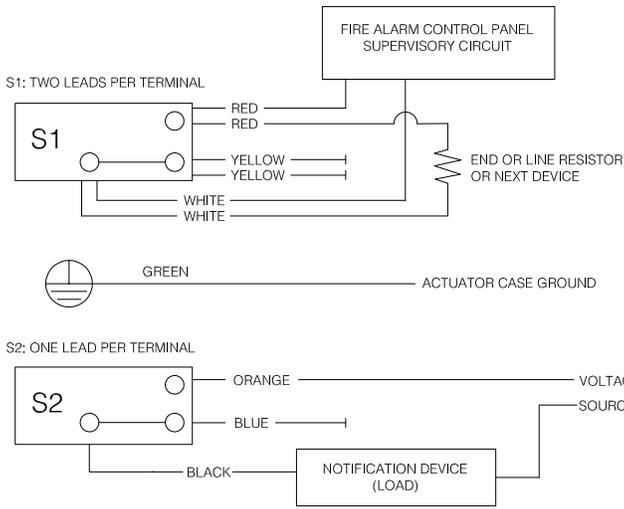


Grooved Dimensions - in. (mm)

Table B

Valve Size	A	B	C	D	E	F	G	H	N
2-1/2" (65)	4-1/8 (105)	4-13/16 (122)	5-1/3 (135)	2-7/8 (73)	5-1/3 (135)	5 (128)	-	13/16 (21)	3/8 NPT
3" (76)	4-7/16 (112)	4-13/16 (122)	5-1/3 (135)	3-1/2 (89)	5-5/8 (142)	5 (128)	-	13/16 (21)	3/8 NPT
4" (100)	5-11/16 (145)	5-1/4 (133)	5-1/3 (135)	4-1/2 (114)	6-15/16 (175)	5 (128)	-	1 (26)	1/2 NPT
6" (150)	7 (179)	5-5/8 (143)	(193)	6-5/8 (168)	8-1/4 (209)	8-3/4 (220)	1/3 (7)	1 (26)	1/2 NPT
8" (203)	8 (204)	6-3/4 (172)	(193)	8-5/8 (219)	9-1/4 (234)	8-3/4 (220)	1 (24)	1 (26)	1/2 NPT

Supervised Normally Open Valve



Supervised Normally Closed Valve

