

## **DUCTILE IRON BUTTERFLY VALVE MODEL GBV300GT GROOVED ENDS TAPPED 2½", 3", 4", 6", 8"**

### **GENERAL DESCRIPTION**

The Globe Models GBV300GT is a Ductile Iron Butterfly Valve listed for use in fire protection systems as an indicating type valve. It has grooved ends with 1/2" taps provided for system priming. This valve is rated for a maximum working pressure of 300 psi (20 bar) and provides a visual indication as to whether the valve is open or closed. It is provided with 2 sets of factory installed Form-C internal supervisory switches monitoring the valves in the normally open position. These supervisory switches transfer their electrical contacts within the first two revolutions of the handwheel towards the closed position. The GBV300GT is typically used as a system indicating control shutoff valve.



### **TECHNICAL DATA**

#### **Approvals**

- UL
- ULC
- FM

*Factory installed UL Listed and FM Approved Double Tamper Switch for indoor and outdoor use.*

#### **Maximum Working Pressure**

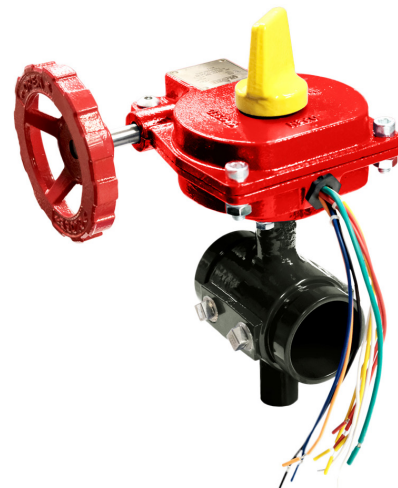
- 300 psi (20 bar)

#### **Materials of Construction**

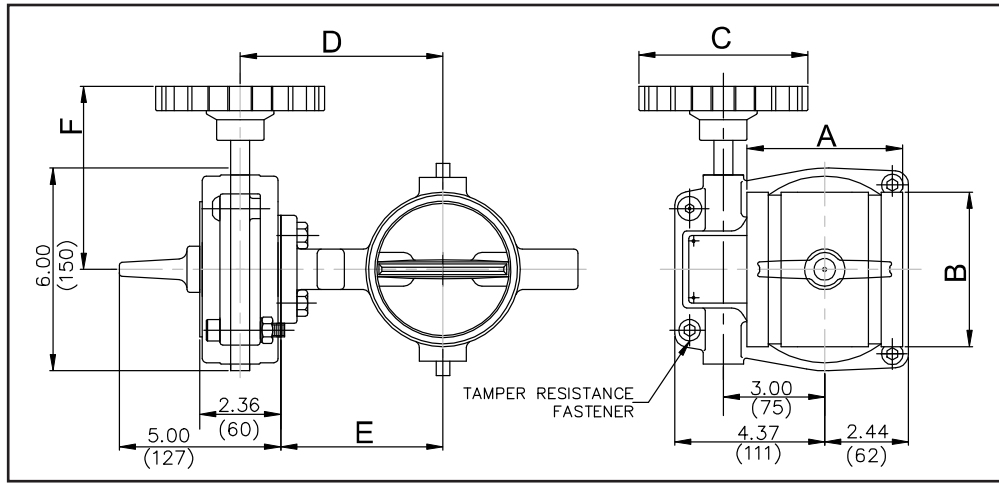
- **Body & Disc:** Ductile Iron
- **Stem:** Stainless Steel
- **Housing:** Ductile Iron
- **Segment Gear:** Bronze
- **Worm:** Stainless Steel
- **Worm Shaft:** Stainless Steel
- **Hand Wheel:** Ductile Iron
- **Indicator:** Ductile Iron

#### **NOTE:**

*Users should refer to Globe's web site ([www.globesprinkler.com](http://www.globesprinkler.com)) to assure that the most recent technical literature is being utilized.*

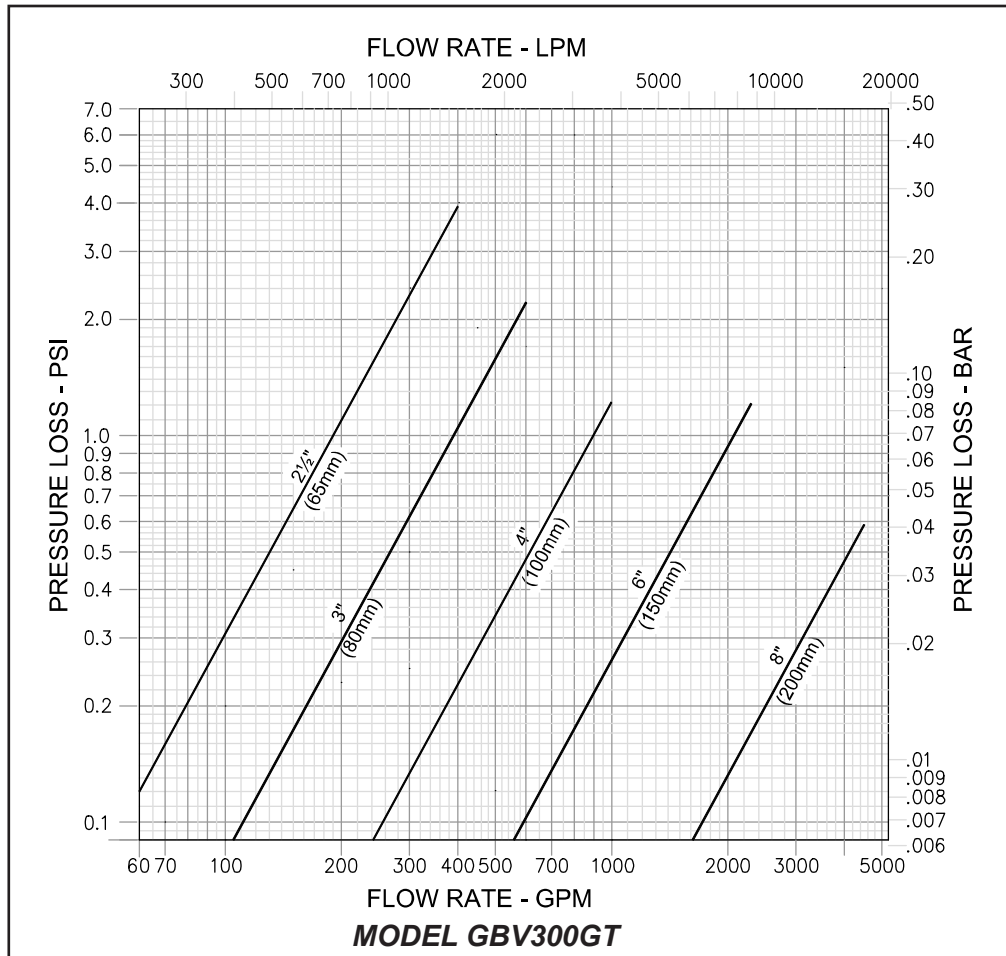


**MODEL GBV300GT 2½" – 8"**

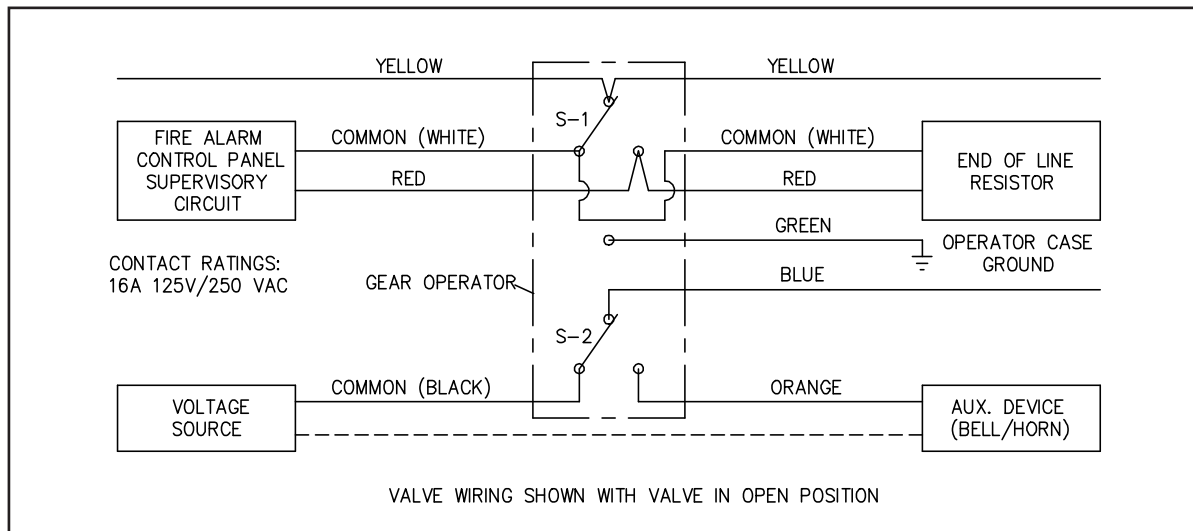


SIZE in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)	WEIGHT lb. (kg)	EQ. FT. LENGTH ft. (mm)
2½" (65)	5.0 (127)	2.9 (73.0)	5.04 (128)	5.31 (135)	4.13 (105)	5.31 (135)	19.84 (9.0)	8 (2438)
3" (76.2)	5.0 (127)	3.5 (88.9)	5.04 (128)	5.60 (142)	4.41 (112)	5.31 (135)	20.94 (9.5)	6 (1828)
4" (100)	5.0 (127)	4.5 (114.3)	5.04 (128)	6.89 (175)	5.71 (145)	5.31 (135)	25.35 (11.5)	5 (1524)
6" (150)	5.6 (143.3)	6.6 (168.3)	8.66 (220)	8.23 (209)	7.05 (179)	7.60 (193)	38.58 (17.5)	7 (2134)
8" (200)	6.0 (152.4)	8.6 (219.1)	8.66 (220)	9.21 (234)	8.03 (204)	7.60 (193)	50.71 (23.0)	4 (1220)

**FIGURE 1**



**FIGURE 2**



**SUPERVISORY SWITCH DIAGRAM**

**FIGURE 3**

**CARE & MAINTENANCE**

When closing the Butterfly Control Valve for maintenance or inspection work, always first obtain permission from the proper authorities and notify all personnel who may be affected. All Inspections, Testing, and Maintenance, and their frequency, is the responsibility of the Owner and should be performed in accordance with the applicable standards of the National Fire Protection Association (i.e. NFPA 25), in addition to any local jurisdiction requirements which may be in place. It is recommended that a qualified contractor/inspection service be contacted to perform required maintenance on the fire protection system. Any impairment of the Butterfly Valve must be immediately corrected.

**ORDERING INFORMATION**

**SPECIFY:**

- MODEL • SIZE • PN

**MODEL GBV300GT**

2½"	.....	.311768-G	<b>-D for 65mm</b>
3"	.....	.311769-G	
4"	.....	.311770-G	
6"	.....	.311771-G	<b>-D for 150mm</b>
8"	.....	.311772-G	

**GLOBE® PRODUCT WARRANTY**

Globe agrees to repair or replace any of its own manufactured products found to be defective in material or workmanship for a period of one year from date of shipment. For specific details of our warranty please refer to Price List Terms and Conditions of Sale (Our Price List).

