


BF



**Hook-up Components**  
2" - 14" Butterfly valve

  
Engineering  
GREAT Solutions

# BF

A lugged type butterfly valve with compact construction, suitable for shut-off function. The valve features a reliable bubble tight shut-off when the valve is closed and streamlined disc shape ensures low flow resistance when the valve is open. The spherical disc seal surface produces a high efficient seal, lower torque and longer seat life. The three bearings ensure perfect shaft turning and shaft centric position. The body is drilled and tapped for mounting with ANSI flanges. The extended neck provides a minimum of 2" clearance for insulation. A standard infinite position memory stop lever handle is provided on 2" to 6" models and a gear operator is provided for 8" to 14" models.




---

## Key features

> **Shut-Off Valve**

> **Infinite Position**  
Allow fine adjustment

---

## Technical description

---

**Application:**  
Hydronic Balancing

---

**Dimensions:**  
2" - 14"

---

**Functions:**  
Shut-off

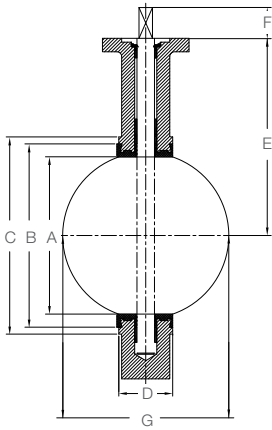
---

**Pressure class:**  
240 psig at 250° F

---

**Material:**  
Body: Ductile iron, Lug Type ANSI Class 125/150  
Upper/Lower Stem: 410 Stainless Steel  
Seat & Gasket: EPDM and NBR  
Bearings: PTFE  
Disc: Stainless Steel

## Articles



### Dimensions

Model	Size	A	B	C	D	E	F	G	Weight	Cvs
BF0200	2"	1.8	3.0	3.5	1.7	5.6	1.3	2.1	8	136.9
BF0250	2 1/2"	2.2	3.5	4.3	1.8	6.1	1.3	2.5	10	299.3
BF0300	3"	2.9	4.1	4.7	1.8	6.3	1.3	3.1	13	591.6
BF0400	4"	3.8	5.3	5.9	2.0	7.1	1.3	4.1	16	1074.2
BF0500	5"	4.6	6.3	7.1	2.1	7.6	1.3	4.9	20	1740.0
BF0600	6"	5.8	7.4	8.2	2.2	8.1	1.3	6.1	24	2517.2
BF0800	8"	7.6	9.4	10.2	2.4	9.8	1.6	8.0	64	4456.7
BF1000	10"	9.5	11.5	12.6	2.6	11.1	1.6	9.9	83	5816.2
BF1200	12"	11.5	13.5	14.8	3.0	12.8	1.6	11.9	104	10706.8
BF1400*	14"	12.8	14.8	15.9	3.0	14.0	1.6	13.2	174	12516.4

### Notes

(\* ) denotes BF 1400 is rated at 150 psi at 250° F.

Extra flange gaskets not required.

All weights and dimensions given are in pounds and inches and are subject to minor changes.

## Model Order Designation

**Model Size**  
3" BF Shown

**Options**  
Cap Screws Shown

**BF0300 - 2CS**

CS Cap Screws for One Flange Set (2 required per valve)

