

## AV-235 Bronze Safety Valve, Flanged Ends



## **Features**

Type of Pattern Right Angle Pattern

**Body Material Cum Standard** Bronze (IBR 282 (a) (iv) Gr. B)

**Product Description** Pop Type, Spring Loaded, Enclosed Discharge

Cu-Alloy

**End Details** Flanged Ends as per BS-10 Table-H Flat Face

(Undrilled)

Test Pressure Body: 500 Psig (Hyd.) Max. Working Pressure 250 Psig (Steam)

Max. Working Temperature 225°C

Max. Set Pressure 250 Psig (Steam)

Notes

Trim

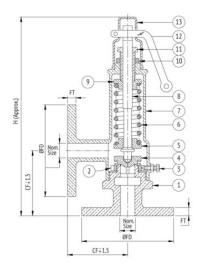
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam

## **Material Combination**

| Description       | No.  | Material   |
|-------------------|--|--|
| Body              | 1  | Bronze   |
| Regulating Ring   | 1  | Bronze   |
| Locking Screw     | 1  | Brass  |
| Disc              | 1  | Bronze   |
| Lower Spring Disc | 1  | Bronze   |
| Spring            | 1  | Carbon Steel   |
| Spring Chamber    | 1  | Bronze   |
| Stem              | 1  | H.T. Brass   |
| Upper Spring Disc | 1  | Bronze   |
| Check Nut         | 1  | Bronze   |
| Adjusting Screw   | 1  | Bronze   |
| Lever             | 1  | Carbon Steel   |
| Cap               | 1  | Aluminium  |
|                   | Body Regulating Ring Locking Screw Disc Lower Spring Disc Spring Spring Chamber Stem Upper Spring Disc Check Nut Adjusting Screw Lever | Body 1 Regulating Ring 1 Locking Screw 1 Disc 1 Lower Spring Disc 1 Spring 1 Spring Chamber 1 Stem 1 Upper Spring Disc 1 Check Nut 1 Adjusting Screw 1 Lever 1 |



## **Dimensional Data**

| Size (mm) | CF  | CF1 | Н   | ØFD   | FT   |
|-----------|-----|-----|-----|-------|------|
| 15        | 70  | 66  | 287 | 114.3 | 9.5  |
| 20        | 74  | 73  | 324 | 114.3 | 9.5  |
| 25        | 74  | 75  | 325 | 120.7 | 11.1 |
| 32        | 83  | 93  | 398 | 133.4 | 11.1 |
| 40        | 83  | 95  | 400 | 139.7 | 12.7 |
| 50        | 111 | 110 | 451 | 165.1 | 12.7 |

