# AV-233 Bronze Pop Type Safety Valve (Flanged Ends)

## Features



| | |
|---|---|
| Body Material Cum Standard | Bronze (IBR 282 (a) (iv) Gr. B) |
| Product Description | Pop Type, Spring Loaded, Open Discharge |
| Trim | 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) |

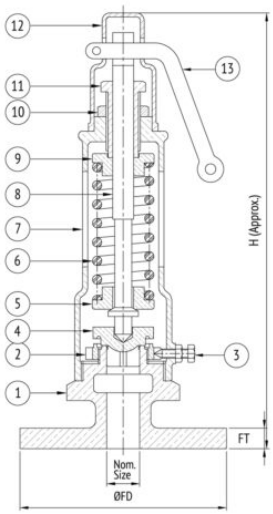
Notes

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

**Suitability**

Steam

## Material Combination




| S.No | Description | No. | Material | Specifications |
|---|---|---|---|---|
| 1 | Body | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 2 | Regulating Ring | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 3 | Locking Screw | 1 | Brass | – |
| 4 | Disc | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 5 | Lower Spring Disc | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 6 | Spring | 1 | Carbon Steel | – |
| 7 | Spring Chamber | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 8 | Stem | 1 | Forged Brass | – |
| 9 | Upper Spring Disc | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 10 | Check Nut | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 11 | Adjusting Screw | 1 | Bronze | IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K |
| 12 | Cap | 1 | Aluminium | – |
| 13 | Lever | 1 | Carbon Steel | – |

## Dimensional Data

| Size (mm) | H | ØFD | FT |
|---|---|---|---|
| 15 | 287 | 114.3 | 9.5 |
| 20 | 324 | 114.3 | 9.5 |
| 25 | 325 | 120.7 | 11.1 |
| 32 | 398 | 133.4 | 11.1 |
| 40 | 400 | 139.7 | 12.7 |
| 50 | 451 | 165.1 | 12.7 |

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