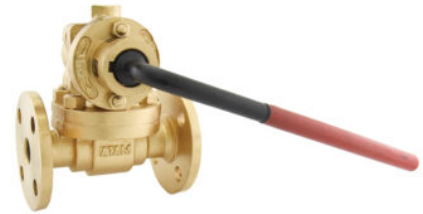


## AV-221 Bronze Parallel Slide Blow Off Valve, Flanged Ends

### Features

|                            |  |
|----------------------------|--|
| Body Material Cum Standard | Bronze (IBR 282 (a) (iv) Gr. B)  |
| Product Description        | Rack & Pinion Operated with Stellite Face, Supplied with Operating Key |
| Type of Seat               | Renewable Seat   |
| Type of Disc               | Renewable Disc   |
| Trim                       | Seat & Disc: 13% Cr. (SS 410) + Stellite                               |
| 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  |



### Notes

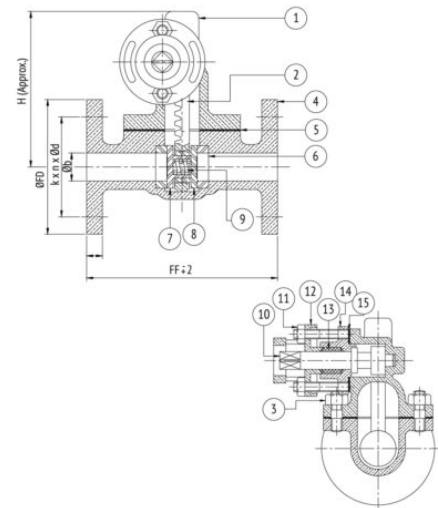
Test Certificate in Form III-C as per IBR is furnished with every supply.

### Suitability

Water, Steam

### Material Combination

| S.No | Description    | No.     | Material           |
|------|----------------|---------|--------------------|
| 1    | Bonnet         | 1       | Bronze             |
| 2    | Rack           | 1       | C.A.S.             |
| 3    | Studs & Nuts   | To Suit | Carbon Steel       |
| 4    | Body           | 1       | Bronze             |
| 5    | Gasket         | 1       | Non Asbestos       |
| 6    | Body Seat Ring | 1       | Stainless Steel    |
| 7    | Male Disc      | 1       | Stainless Steel    |
| 8    | Female Disc    | 1       | Stainless Steel    |
| 9    | Spring         | 1       | Spring Steel       |
| 10   | Pinion         | 1       | C.A.S.             |
| 11   | Studs & Nuts   | 2 Each  | Carbon Steel       |
| 12   | Gland Flange   | 1       | S.G. Iron          |
| 13   | Gland Packing  | -       | Graphited Asbestos |
| 14   | Stuffing Box   | 1       | S.G. Iron          |
| 15   | Gasket         | 1       | Non Asbestos       |



### Dimensional Data

| Size (mm) | FF  | H   | Øb   | ØFD   | FT   | k     | n | Ød   |
|-----------|-----|-----|------|-------|------|-------|---|------|
| 25        | 167 | 142 | 25   | 120.7 | 11.1 | 87.3  | 4 | 17.5 |
| 32        | 173 | 158 | 32   | 133.4 | 11.1 | 98.4  | 4 | 17.5 |
| 40        | 190 | 205 | 38   | 139.7 | 12.7 | 104.8 | 4 | 17.5 |
| 50        | 206 | 227 | 50   | 165.1 | 12.7 | 127   | 4 | 17.5 |
| 65        | 228 | 270 | 63.5 | 184.1 | 14.3 | 146.1 | 8 | 17.5 |
| 80        | 254 | 312 | 76.2 | 203.2 | 16   | 165   | 8 | 17.5 |