

17(a) Bronze Accessible Feed Check Valve

Description

- NETA Bronze Accessible Feed Check Valve
- Outside Screw and Yoke Type
- Stainless Steel (ASTM A182 Gr.F6a / AISI - 410) Trim
- Straight / Curved Inlet
- Flanged BS-10 Table 'H' Ends

Test Pressure

Max. BOP : 250 PSIG

Max. Working Temperature : 220°C

Test Pressure : 500 PSIG Hyd.

Design Features

- Features of two types of Valves in one Unit i.e. a Stop Valve Controlled and Operated by hand wheel and back pressure Check Valve.
- Accessibility of the Check valve which can be examined while the boiler is under steam by closing the Stop valve and removing the Inlet Body.
- These Valves are available with Straight or Right Angle Curved Inlet.
- Body-Bonnet and Body-Inlet Body connections are of Screwed Type upto 32mm Nominal Size and are of flanged type secured by Studs and Nuts in 40mm and above Nominal Sizes.
- Robust and Sturdy construction with accurately guided discs.



Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided.

Application : Steam, Water

HSN : 84818020

Materials

| PNo. | Part | Nos. | Material | Standard |
|------|------------------------------------|---------|--------------------|-------------------------------|
| 1 | Handwheel Nut | 1 | M.S. | IS:1367 |
| 2 | Washer | 1 | M.S. | IS:226 |
| 3 | Handwheel | 1 | C.I. | IS:210 Gr.FG200 |
| 4 | Bonnet | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 5 | Stem | 1 | S.S. 13% Cr. | ASTM A182 Gr.F6a / AISI - 410 |
| 6 | Gland | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 7 | Packing | - | Graphited Asbestos | - |
| 8 | Gasket | 2 | C.A.F. | IS:2712 |
| 9 | Locking Washer | 1 | S.S. 18/8% Cr./Ni | AISI - 304 |
| 10 | Body Seat Ring | 2 | S.S. 13% Cr. | ASTM A182 Gr.F6a / AISI - 410 |
| 11 | Body | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 12 | Disc Nut | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 13 | Disc | 1 | S.S. 13% Cr. | ASTM A182 Gr.F6a / AISI - 410 |
| 14 | Curved Inlet | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 15 | Check Valve Seat | 1 | S.S. 13% Cr. | ASTM A182 Gr.F6a / AISI - 410 |
| 16 | Studs and Nuts for Body and Bonnet | To Suit | M.S. | IS:1367 |
| 17 | Straight Inlet | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 18 | Drain Plug | 1 | Bronze | IBR 282[a][iv] Gr.B |
| 19 | Studs and Nuts for Gland | 2 Each | M.S. | IS:1367 |

Dimensions



ISO 9001:2015 & ISO 14001:2015 CERTIFIED

| Nominal Size (Inches) | Nominal Size (mm) | L ±1.5 | H App. | H1 ±1.5 | W App. |
|-----------------------|-------------------|--------|--------|---------|--------|
| 3/4 | 20 | 67 | 140 | 127 | 85 |
| 1 | 25 | 114 | 146 | 152 | 102 |
| 1.1/4 | 32 | 85 | 150 | 160 | 111 |
| 1.1/2 | 40 | 89 | 191 | 143 | 120 |
| 2 | 50 | 102 | 215 | 172 | 152 |
| 2.1/2 | 65 | 121 | 241 | 210 | 200 |

