

AV-258 Cast Iron Accessible Feed Check Valve

Features

Bolted Bonnet, O/S Screw & Yoke Type, Curved Inlet, Without Inspection
Branch Flanges as per BS-10 Table 'F'

Test Pressure

Test Pressure : 300 Psig (Hyd.)
Max. B.O.P. : 150 Psig
Max. Working Temp. : 220°C

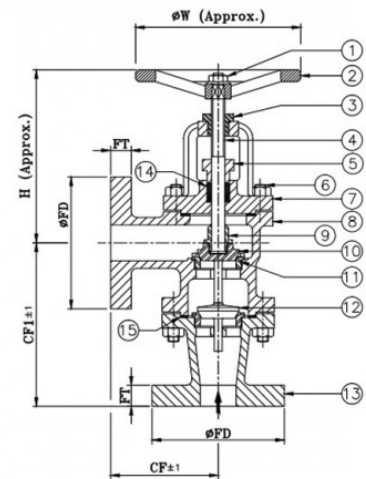
Suitability

Water, Steam



Material Combination

| P.No. | Name of Part | Material | Specification |
|-------|-------------------------------------------|--------------------|-----------------------------------------|
| 1 | Nut | Carbon Steel | - |
| 2 | Handwheel | Cast Iron / M.I. | IS 210 Gr. FG200 |
| 3 | Yoke Bush | Stainless Steel | ASTM A582 Type 416 / ASTM A276 Type 410 |
| 4 | Stem | Stainless Steel | ASTM A276 Type 410 |
| 5 | Gland | Cast Iron | IBR 86 TO 93 Gr. A / IS 210 Gr. FG200 |
| 6 | Studs and Nuts | Carbon Steel | - |
| 7 | Bonnet | Cast Iron | IBR 86 TO 93 Gr. A / IS 210 Gr. FG200 |
| 8 | Body | Cast Iron | IBR-86 TO 93 Gr. A / IS 210 Gr. FG200 |
| 9 | Disc Nut | Stainless Steel | ASTM A276 Type 410 |
| 10 | Disc | Stainless Steel | ASTM A276 Type 410 / ASTM A217 Gr. CA15 |
| 11 | Body Seat Ring | Stainless Steel | ASTM A276 Type 410 + Stellite |
| 12 | Check Valve Disc | Stainless Steel | ASTM A276 Type 410 / ASTM A217 Gr. CA15 |
| 13 | Inlet Body | Cast Iron | IBR-86 TO 93 Gr. A / IS 210 Gr. FG200 |
| 14 | Gland Packing | Graphited Asbestos | - |
| 15 | Gasket | CAF | - |
| 16 | Plug | Stainless Steel | ASTM A276 Type 410 |
| 17 | T-Head Bolts & Nuts for Gland (Not Shown) | Carbon Steel | - |



Dimensional Data

| Nominal Size (mm) | CF ±1 | CF1 ±1 | H | ØW | ØFD | FT |
|-------------------|-------|--------|-----|-----|-------|------|
| 25 | 116 | 152.5 | 190 | 175 | 120.7 | 12.7 |
| 32 | 108 | 167 | 200 | 175 | 133.4 | 15.9 |
| 40 | 114 | 173 | 210 | 175 | 139.7 | 15.9 |
| 50 | 127 | 203 | 230 | 175 | 165.1 | 19.1 |
| 65 | 152 | 238 | 275 | 250 | 184.2 | 19.1 |