

D138

Bronze Swing Check Valve with Metal Disc



PN25

D138



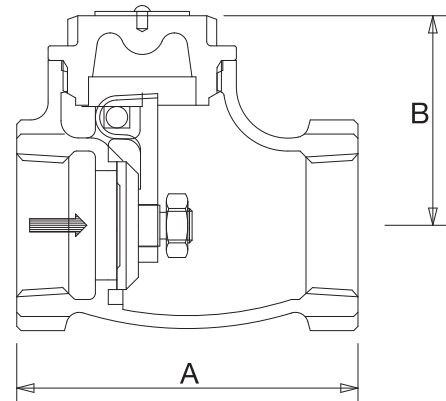
Features & Benefits

- Check valves permit flow in one direction only and close automatically if flow reverses.
- Entirely automatic in action, depending upon pressure and velocity of flow within the line to perform their functions of opening and closing
- The Crane D138 Bronze check valve is of the swing variety.
- This valve carries the British Standards Institution kitemark

Materials

| NO. | MATERIAL | SIZES |
|----------------|-----------------------------------|-----------|
| Body | Bronze BS EN 1982 CC491K | All |
| Cap | Bronze BS EN 1982 CC491K | All |
| Disc | Brass BS EN 12164 CW614N | 3/8 - 1 |
| Disc | Bronze BS EN 1982 CC491K | 1 1/4 - 3 |
| Hinge | Bronze BS EN 1982 CC491K | All |
| Hinge Pin | Stainless Steel | 3/8 - 2 |
| Hinge Pin | Stainless Steel ASTM A182 Gr.F316 | 2 1/2 & 3 |
| Hinge Nut | Brass BS EN 12164 CW614N | All |
| ID Plate | Aluminium | All |
| Drive Pin | Steel - Electro Brassed | All |
| Hinge Pin Plug | Brass BS EN 12164 CW614N | 2 1/2 & 3 |

Dimensional Drawing



Dimensions & Weights

| SIZE (inch) | WEIGHT (kg) | A (mm) | B (mm) |
|-------------|-------------|--------|--------|
| 3/8 | 0.19 | 48 | 33 |
| 1/2 | 0.32 | 58 | 38 |
| 3/4 | 0.43 | 66 | 42 |
| 1 | 0.61 | 80 | 49 |
| 1 1/4 | 1.01 | 89 | 56 |
| 1 1/2 | 1.34 | 95 | 65 |
| 2 | 2.12 | 108 | 76 |
| 2 1/2 | 4.08 | 155 | 98 |
| 3 | 5.76 | 190 | 99 |

Pressure/Temperature Ratings

| | | | | |
|------------------|------------|------|------|------|
| TEMPERATURE (°C) | -10 to 100 | 110 | 120 | 186 |
| PRESSURE (BAR) | 25.0 | 23.4 | 21.8 | 10.5 |

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN25

TEMPERATURE OPERATING RANGE: -10 To 180°C

UK END CONNECTION: Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21

US END CONNECTION: ANSI B1.20.1 (please add suffix AT to denote American Thread)

OPERATOR: Swing Type Check Valve

SPECIFICATION: Metal Disc, Screwed in Cap, BSI Kitemark approved.

Valves are manufactured in accordance with BS5154:1991 PN25 for Series B ratings.

This valve is not suitable for use on Group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.*

* See page 230 for more information