

D138

**D138****Bronze Swing Check Valve with Metal Disc**

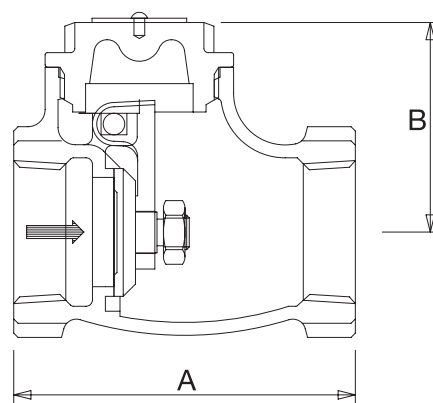
PN25

**Features & Benefits**

- Check valves permit flow in one direction only and close automatically if flow reverses.
- Bronze material of construction and robust design ensuring longevity
- Integral Bronze seats
- Full bore ensuring least resistance to flow

**Materials**

NO.	MATERIAL	SIZES
Body	Bronze BS EN 1982 CC491K	All
Cap	Bronze BS EN 1982 CC491K	All
Disc	Brass BS EN 12164 CW614N	$\frac{3}{8}$ - 1
Disc	Brass BS EN 12164 CW617N	$1\frac{1}{4}$ - 2
Disc	Bronze BS EN 1982 CC491K	$2\frac{1}{2}$ - 3
Hinge	Bronze BS EN 1982 CC491K	$2\frac{1}{2}$ - 3
Hinge	Brass BS EN 12164 CW617N	$\frac{1}{2}$ - 2
Hinge Pin	Stainless Steel SS316	$\frac{3}{8}$ - 2
Hinge Pin	Brass BS EN 12164 CW614N	$2\frac{1}{2}$ & 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	$2\frac{1}{2}$ & 3

**Dimensional Drawing****Dimensions & Weights**

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)	Kv
$\frac{3}{8}$	0.19	50	33	-
$\frac{1}{2}$	0.32	59	38	8.53
$\frac{3}{4}$	0.43	68	42	15.55
1	0.61	81.5	49	26.27
$1\frac{1}{4}$	1.01	93.2	56	46.49
$1\frac{1}{2}$	1.34	98.3	65	64.77
2	2.12	110.6	76	112.24
$2\frac{1}{2}$	4.08	155.6	98	164.53
3	5.76	190	99	254.05

**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 186**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)

**SPECIFICATION:** Bronze Check Valves, Swing type, Full Bore, Bronze Cap & Seat. 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 2014/68/EU.\*

**LEAKAGE RATE:** Rate B in accordance with BS EN 12266-1.

\*see Quality Assurance page for more information