



Bronze Swing Check Valve

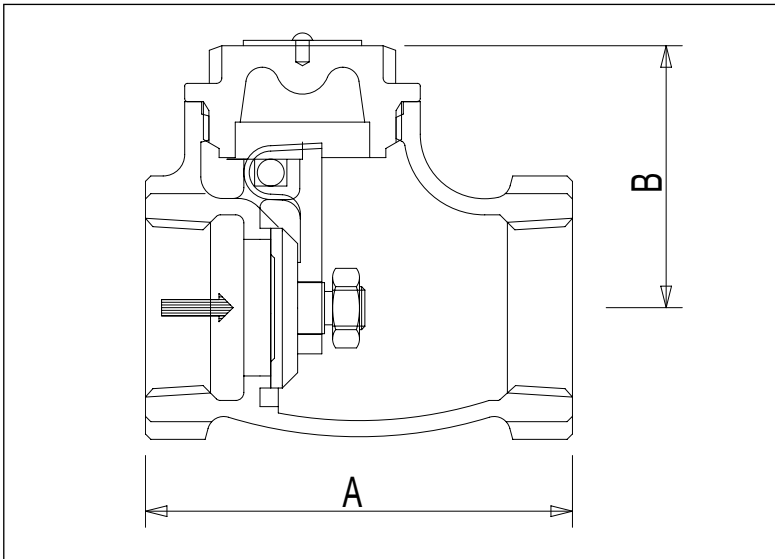
Check valves permit flow in one direction only, and close automatically if flow reverses. They are entirely automatic in action, depending upon pressure and velocity of flow within the line to perform their functions of opening and closing. The Crane D138 Bronze check valve is of the swing variety. This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

Materials

Part	Material	Sizes
Body	Bronze BSEN1982 CC491K	All
Cap	Bronze BSEN1982 CC491K	All
Disc	Bronze BSEN1982 CC491K	1.1/4 - 3
Disc	Brass BSEN12164 CW614N	3/8 - 1
Hinge	Bronze BSEN1982 CC491K	All
Hinge Pin	Stainless Steel ASTM A182 Gr.F316	2.1/2 & 3
Hinge Pin	Stainless Steel	3/8 - 2
Hinge Nut	Brass BSEN 12164 CW614N	All
ID. Plate	Aluminium	All
Drive Pin	Steel - Electro Brassed	All
Hinge Pin Plug	Brass BSEN 12164 CW614N	2.1/2 & 3



Dimensional Drawing



Dimensions and Weights

Size	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 Rating: PN25

UK End Connection: BSEN10226 formerly BS21 Taper

US End Connection: ANSI B1.20.1

Operator: Swing Type Check Valve

Specification:

Metal Disk, Screwed in Cap, BSI Kitemark Approved.

Valves are manufactured in accordance with BS5154, PN25 for Series B ratings. Disk is flat accurately ground and connected to hinge by a spud and nut, but is free to rotate.

The hinge is mounted on a hinge pin which permits free rotation in internal lugs (sizes 3/8" to 2") or body bosses (sizes 2.1/2" and 3"). There are no external plugs on sizes 3/8" to 2". Body seat is integral.

This valve is not suitable for use on group 1 gasses or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC. Temperature operating range: -10 to 186°C.