# **D116**

# Bronze Lift Check Valve

#### **PN32**

#### **Features & Benefits**

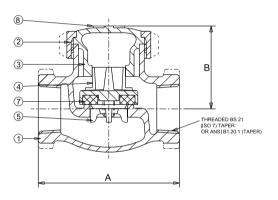
- · Lift Check Valves should only be used in horizontal pipe runs
- The Crane D116 check valve if of the lift check variety



## **Materials**

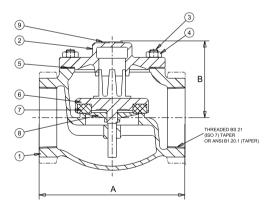
NO.	PART	MATERIAL	SIZES
1	Body	Bronze BS EN 1982 CC491K	All
2	Union Ring Bronze	BS EN 1982 CC491K	1/4 - 2
3	Cap Bronze	BS EN 1982 CC491K	All
4	Cap Studs Steel	BS 970 070M20	21/2 & 3
5	Cap Stud Nuts Steel	BS 4190 Gr.4.0	21/2 & 3
6	Disc Holder Bronze	BS EN 1982 CC491K	All
7	Disc Retaining Nut Bronze	BS EN 1982 CC491K	1/2 - 3
7	Disc Retaining Nut Brass	BS EN 12164 CW614N	1/4 & 3/8
8	Washer Brass	BS EN 12164 CW614N	1/4 & 3/8
9	Disc	PTFE (25% Glass Filled)	All
10	Gasket	Asbestos Free	21/2 & 3
11	ID Plate	Aluminium	All

# **Dimensional Drawing**



## **Dimensions & Weights**

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)
1/4	0.37	59	37
3/8	0.36	59	37
1/2	0.51	68	43
3/4	0.85	81	49
1	1.32	95	56
11/4	1.97	108	65
11/2	2.65	121	73
2	4.44	146	87
21/2	9	184	94
3	13.6	210	107



PRESSURE RATING: PN32
TEMPERATURE OPERATING RANGE: -10 to 198°C

UK END CONNECTION: BS 21 Taper

US END CONNECTION: ANSI B1.20.1

OPERATOR: Lift Check Valve

SPECIFICATION: Valves are manufactured in accordance with BS 5154 PN32

for Series B ratings. The design incorporates a disc holder which is guided in the seat bore and the cap. The body seat is integral of the semi-crown type. Sizes 1/4" to 2" have a union cap; sizes 21/2" and 3" have a bolted cap.

This check valve is available with a nitrile rubber disc for air, hot and cold water. 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

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