# **D140W**

## **Swing Check Valves**

**PN25** 

## **Features & Benefits**

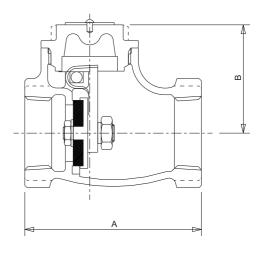
- · Check Valves permit flow in one direction only and close automatically if flow reverses
- They are entirely automatic in action, depending upon pressure and velocity of flow within the line to perform their functions of opening and closing

# **D140W**

## **Materials**

PART	MATERIAL	SPECIFICATION	SIZES
Body	Bronze	BS EN 1982 CC491K	All
Сар	Bronze	BS EN 1982 CC491K	All
Disc Holder	Brass	BS EN 12164 CW614N	3/4 - 1
Disc Holder	Bronze	BS EN 1982 CC491K	11/4 - 2
Disc	WRAS Approved Nitrile Rubber		All
Disc Retaining Nut	Brass	BS EN 12164 CW614N	All
Washer	Brass	BS EN 12164 CW614N	All
Hinge	Bronze	BS EN 1982 CC491K	All
Hinge Pin	Stainless Steel		All
Hinge Nut	Brass	BS EN 12164 CW614N	All

## **Dimensional Drawing**



## **Dimensions & Weights**

SIZE (inch)	A (mm)	B (mm)	WEIGHT (kg)
3 <sub>/4</sub>	66	42	0.43
1	80	49	0.63
1 <sup>1</sup> /4	89	56	1.01
1 <sup>1</sup> /2	95	65	1.34
2	108	76	2.12

## **Pressure/Temperature Ratings**

TEMPERATURE (°C)	-10 to 85
PRESSURE (BAR)	25

**MIN OPENING PRESSURE: PN25** TEMPERATURE OPERATING RANGE: -10 to 85°C UK END CONNECTIONS: Taper threaded to BS EN 10226-2 (ISO 7-1) OPERATOR: Swing type Check Valve

SPECIFICATION: D140W: Valves are manufactured in accordance with BS 5154: 1991 PN25 for Series B ratings but are limited to 85°C maximum temperature. This valve is not suitable for use on Group 2 gases, Group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.\*

\* See page 251 for more information

FLUID SYSTEMS

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