



## Double Door Check Valve Fig. CVDDW175

### General Description

Rapidrop Fig. CVDDW175 Double Door Check Valve is a wafered, double door swing type check valve that allows water flow in one direction only. A hinged clapper remains open with water flowing in one direction, and automatically closes when flow stops preventing backflow. These valves are suitable for vertical installation with the flow upwards.



### Connections

ANSI B16.1 Class125

### Maximum Working Pressure

12 bar (175 PSI)

### Temperature

-10°-82°C

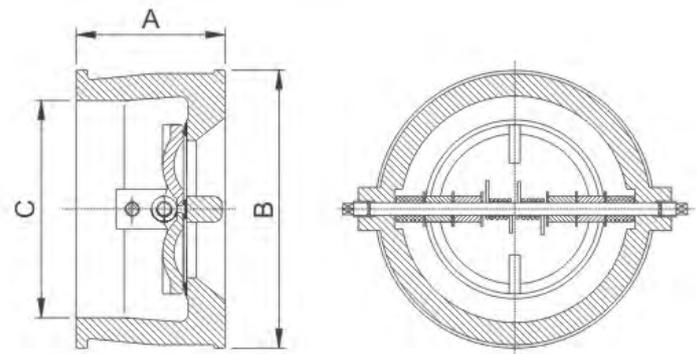
### Coating

Fusion Bonded Epoxy Coating

In accordance with ANSI / AWWA C550

### Approvals

UL



### Sizes

Sizes		Dimensions (mm)			Weight (kg)	Product Ordering Codes
In	mm	A	B	C		
4"	DN 100	93	172	136	8.4	RDDDWCV100A
6"	DN 150	105	220	178	13.5	RDDDWCV150A
8"	DN 200	121	280	230	23	RDDDWCV200A
10"	DN 250	154	340	285	42	RDDDWCV250A
12"	DN 300	187	410	338	68	RDDDWCV300A

### Installation

The valve must be installed with the direction arrow on the body in line with the direction of the flow in the pipeline. Rapidrop double door check valves can be installed vertically with the flow direction upwards only. Visually inspect the valve, make sure the seating area is not damaged and that the connecting flanges are clean of debris and any foreign materials.

Large valves are provided with lifting hook, which should be used to manoeuvre the valve.

### Material Specification

Component	Material
Body	Cast Iron AST A126 Class B
Stop Pin	Stainless Steel AISI 416
Hinge Pin	Stainless Steel AISI 416
Seat	EPDM
Pin Retainer	Stainless Steel AISI 416
Gasket	PTFE
Washer	PTFE
Spacer	PTFE
Disc	Stainless Steel ASTM CF8
Spring	Stainless Steel AISI 304
Lifting Hook*	Carbon Steel

\* DN200 /8" and above