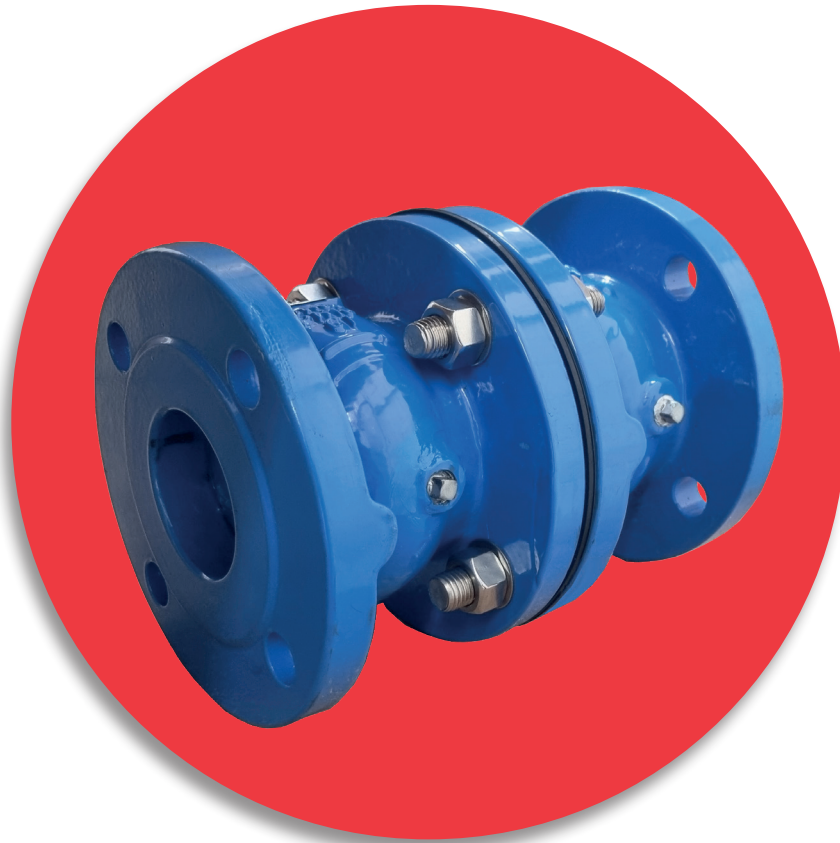




# **Installation & Operating Manual**



## **ART 237 Ductile Iron Flanged Double Check Valve PN16**

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### 1. Introduction

- Albion Valves (UK) Ltd ART 237 ductile iron flanged double check valve can be used in pipework systems to prevent backflow and protect water supplies from contamination.
- The ART 237 has been classified in accordance with PED 2014/68/EU.

### 2. Technical Data

Valve Type	Size Range	Connection Type	Temperature Rating	Pressure Rating (Max)
ART 237 PN16	DN 50 – DN 300	EN 1092-2 PN16	-10°C to +85°C	16 bar

### 3. Valve Features

- The ART 237 ductile iron double check valve protects against the risk of backflow and back siphonage contaminations.
- The ART 237 ductile iron double check valve is not approved as a backflow prevention device as defined in Schedule 1 of the Water Supply (Water Fittings) Regulations and/or Scottish Water Byelaws.

### 4. Valve Installation

- The valve should be sited to ensure ease of access.
- It is the responsibility of the installer to ensure the valve is suitable for service conditions e.g., temperature, pressure, and service media.
- Where fitted, remove flange protectors / dust caps and all other packaging material.
- Care should be taken to ensure the surface finish of the valve is protected during installation.
- The valves may be installed in horizontal or vertical pipework. If installed in vertical pipework the flow direction must be upwards only.
- Suitable gaskets should be used during installation.
- Bolt tightening must be even and diagonal around the valve face to prevent any alignment distortion.
- In line with BSRIA recommendations, suitable consideration needs to be made as to how the removal of system debris can be achieved during the system flushing process.



## **5. Approvals Classification**

- The valve is WRAS approved in accordance with WRAS Section Code 2185 : Non-return.
- The valve is classified in accordance with PED 2014/68/EU as Sound Engineering Practice (SEP).

## **6. Troubleshooting**

- If any maintenance is to be undertaken on the valve it is the responsibility of the installer to ensure the system is adequately drained and depressurized.
- A full risk assessment should be undertaken prior to any works taking place.

## **7. Warranty**

- For further details of Albion Valves (UK) Ltd warranty period, please refer to Albion Valves (UK) Ltd 'Conditions of Sale' available on our website.



## **About Albion Valves (UK) Ltd**

Albion has been supplying valves and fittings to the building services and industrial markets for the past 40 years.

Albion was created with the sole purpose of providing quality products at an affordable price. With a growing reputation for quality and reliability, Albion is now an established brand providing the industry with a trusted alternative to premium-priced products.

Our commitment to setting the highest standards in all areas of our business means, if you're looking for quality, service, delivery and choice — you'll find it's all at Albion.

### **Quality**

Whatever you need, you can rest assured that if it comes from Albion it has been designed and manufactured to deliver optimum performance and is accredited with the necessary approvals. Our in-house quality department are always on hand too!

### **Service**

We pride ourselves on our customer service – we have even won awards for it! Our cradle to grave approach means you will never be on your own!

### **Delivery**

We know that time is money, and when a priority project depends on a part you can trust Albion to deliver – next day for all orders placed before 4:00PM.

### **Choice**

We may have started out with a single brass ball valve, but our range has grown substantially since and we now consider ourselves to be a 'One Stop Shop' with our comprehensive range. It is becoming more and more apparent to the industry, that it really is all at Albion.