

# Double Check Valves

## Scope of Use / Specification Sheet

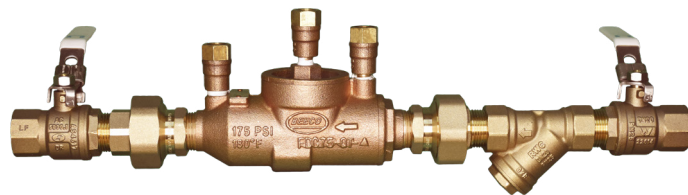
The RWC BEECO Double Check Valve is designed to give protection against medium hazard backflow situations.

The device features two mechanically independent, spring loaded, centre stem, guided check valves. The device has a cast iron or lead-free bronze body, with a single access cover. The assembly has three vertical test cocks and two shut off valves which are quarter-turn, full port and resilient seated.

The seat of each check valve is constructed from Noryl™ and is replaceable. The check valves are held in place by a Noryl™ or stainless steel clips.

### Product List

Size	Device Only	Complete
15mm	DCVX15	DCVX15C
20mm	DCVX20	DCVX20C
25mm	DCVX25	DCVX25C
32mm	DCVX32	DCVX32C
40mm	DCVX40	DCVX40C
50mm	DCVX50	DCVX50C
65mm	DCVX65	DCVX65C
80mm	DCVX80	DCVX80C
100mm	DCVX100	DCVX100C
150mm	DCVX150	DCVX150C



DVCX20C



DCVX100

### Features and Benefits

- Lead-Free Bronze or Cast Iron Design
- Corrosion resistant
- Designed for easy and quick in line maintenance and testing
- Device sizes are available from 15mm up to 200mm
- 65mm to 150mm sizes incorporate a flange design for ease of installation
- Low head loss
- Interchangeable poppet and spring
- Maximum working pressure of 1200kPa
- Operating temperature range of 1°C to 82°C up to 50mm BSP Threaded
- Operating temperature range of 1°C to 60°C from 65mm to 200mm Flanged Table E
- Approved to AS/NZS 2845-1

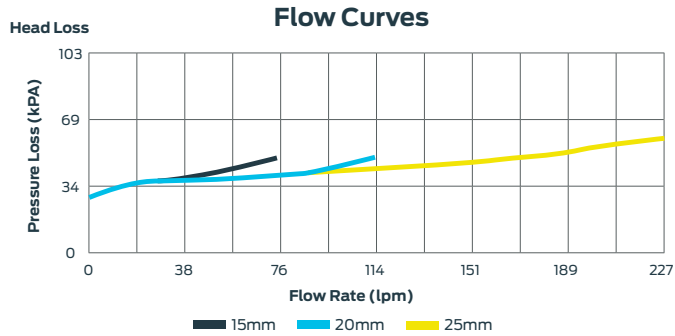
### Materials

	15mm - 50mm	65mm - 150mm
Valve Body	Lead-Free Bronze	Ductile Iron
Access Cover	Lead-Free Bronze	Ductile Iron
Polymers	Noryl™, NSF Listed	Noryl™, NSF Listed
Elastomers	Silicone	Silicone, EPDM (FDA approved)
Springs	Stainless Steel	Stainless Steel
Coating	-	FDA approved fusion epoxy

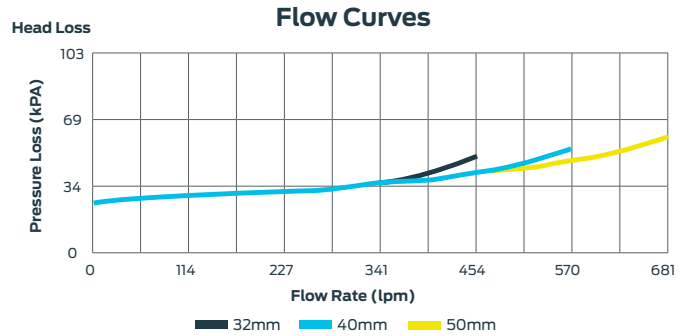
## Double Check Valves

### Flow Characteristics

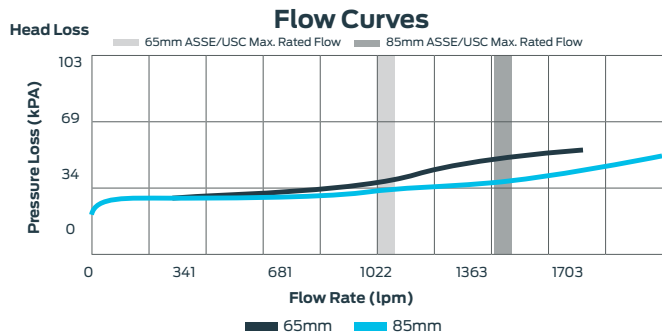
#### 15mm – 25mm MODEL DCV



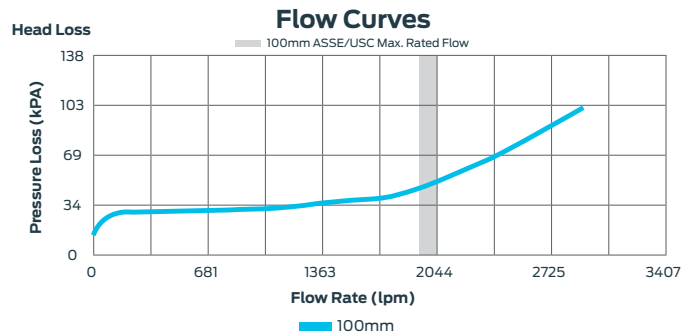
#### 32mm – 50mm MODEL DCV



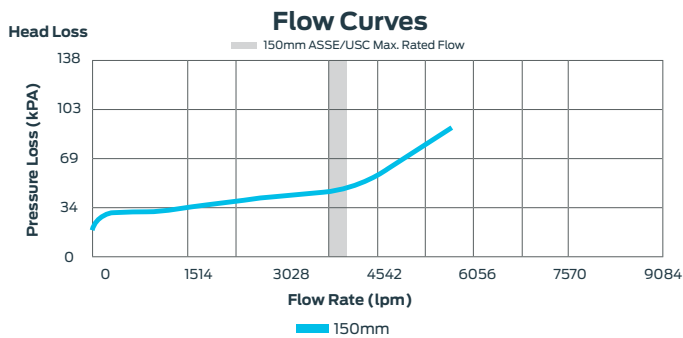
#### 65mm – 85mm MODEL DCV



#### 100mm MODEL DCV



#### 150mm MODEL DCV



# Double Check Valves

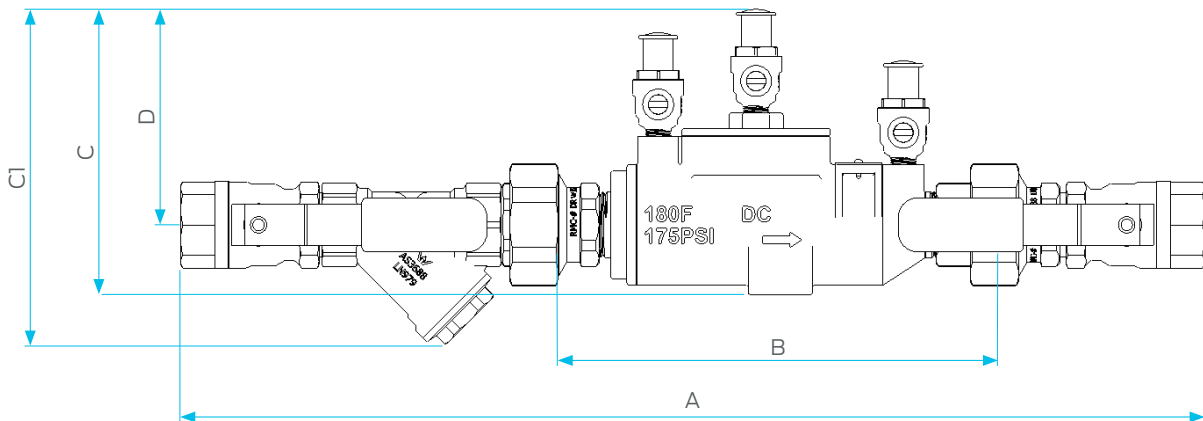
## Performance Specifications

	15mm - 50mm	65mm - 200mm
Maximum working pressure	1200kPa	1200kPa
Maximum working temperature	82° C	60° C
Hydrostatic test pressure	2400kPa	2400kPa
Pipe connection	BSP Thread	Table E AS2129 Flange

## 15-50mm Dimensions

Size	Order Code	A	B	C1 with BV & Strainer	C	D	Width	Weight with BV	Weight less BV
15mm	DCVX15C	382	169	129	115	88	61	3.5	2.5
20mm	DCVX20C	415	169	135	115	88	64	4.1	2.5
25mm	DCVX25C	485	202	152	128	92	74	4.9	2.6
32mm	DCVX32C	566	233	173	150	105	90	7.1	3.2
40mm	DCVX40C	605	228	164	150	106	90	13.3	8.3
50mm	DCVX50C	719	272	206	172	119	115	16.3	8.3

**Note:** All measurements in mm and kg unless otherwise stated.  
Lockable assembly has same dimensions

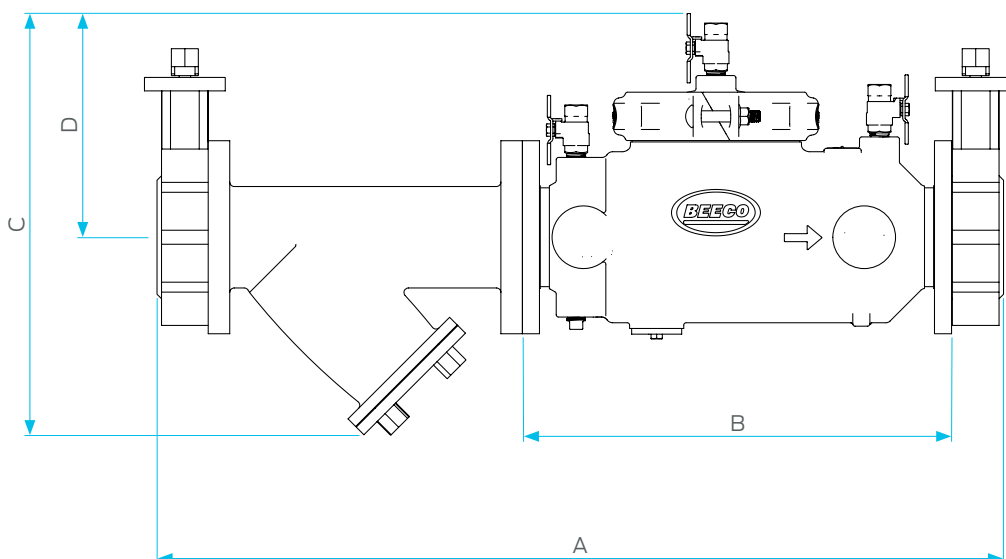


## Double Check Valves

### 65-200mm Dimensions

Size	Order Code	A	B	C	D	Width	Weight with BV	Weight less BV
65mm	DCVX65C	980	600	408	250	277	69	45
80mm	DCVX80C	958	553	427	250	277	76	47
100mm	DCVX100C	1012	553	475	250	277	126	39
150mm	DCVX150C	1263	666	638	332	320	149	77

**Note:** All measurements in mm and kg unless otherwise stated.



### Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. This product is compliant to the Lead Free requirements of the National Construction Code Volume Three. For further Scope of Use, please visit [www.rmc.com.au/resources](http://www.rmc.com.au/resources).

### Warranty

Reliance Worldwide Corporation (Aust.) Pty. Ltd. (RWC) will either replace or repair any defective goods where the defect arose as a result of manufacture within the warranty period. You may contact RWC at the phone number, address or e-mail shown below for further information or to make a claim.

Visit [www.rmc.com.au/warranty](http://www.rmc.com.au/warranty) to view the warranty statement in full and for further important information.

### Standards and Approvals



AS/NZS 2845.1:2010  
WM74542



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