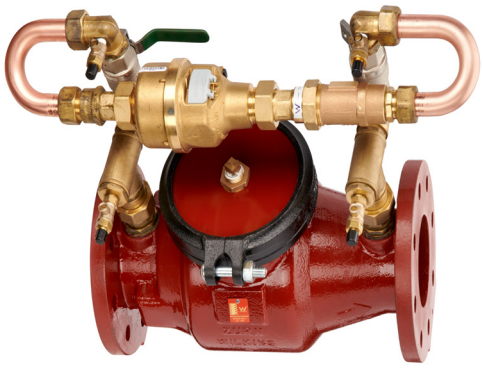
# Backflow Prevention

## 310 Series SDCV 100-200mm

### Application

Designed for installation on water lines in fire protection systems to protect against both backsiphonage and back-pressure of polluted water into the potable water supply. Assembly shall provide protection where a potential hazard exists (Low Hazard).



LEAD FREE

### Standards Compliance

Australian Watermark and Standards Mark
UL Classified
FM Approved

WATERMARK
AS/NZS 2845.1
LIC. WMKA1379

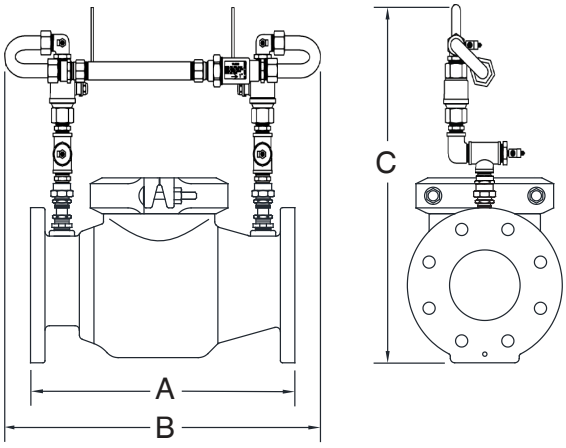
STANDARDS MARK
AS/NZS 2845.1
LIC. SMK1379

### Materials

| | |
|---|---|
| Main Valve Body | Ductile Iron |
| Access Covers | Ductile Iron |
| Coatings | Epoxy |
| Fastners | Stainless Steel |
| Internals | Stainless Steel, NORYL |
| Elastomers | EPDM, Buna Nitrile |
| Springs | Stainless Steel |

### Operating Parameters

| | |
|---|---|
| Max. Working Water Pressure | 1200kPa |
| Max. Working Temperature | 60°C |
| Hydrostatic Test Pressure | 2400kPa |
| End Connections | Flanges to AS2129 |



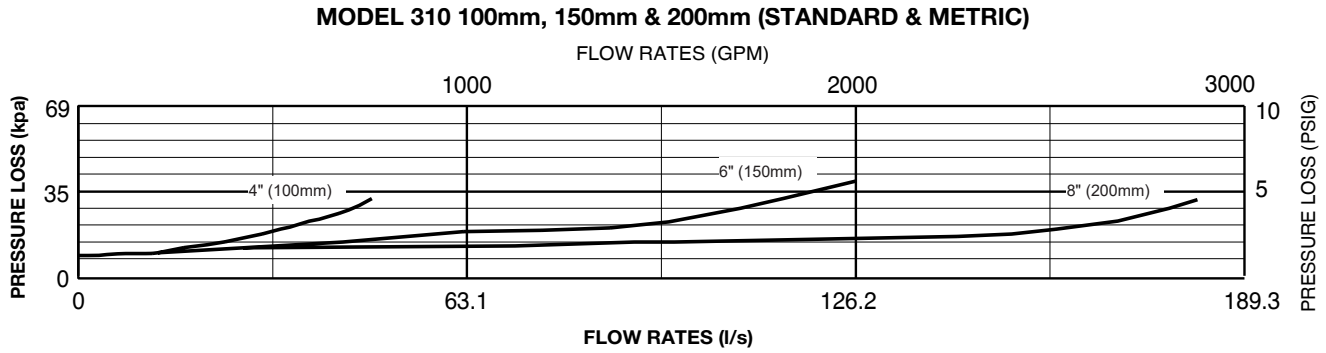

### Dimensions & Weights (do not include pkg.)

| VALVE SIZE mm | BYPASS | FLANGE TYPE | REECE CODE | ZURN CODE | DIMENSIONS A mm | DIMENSIONS B mm | DIMENSIONS C mm | WEIGHT kg |
|---|---|---|---|---|---|---|---|---|
| 100 | SPACER | TABLE E | 1000611 | SE100-310DAL25T(FL) | 419 | 552 | 723 | 20.3 |
| 100 | METER | TABLE E | 1000626 | YVW100-310DAL25T(FL) | 419 | 552 | 723 | 20.3 |
| 150 | SPACER | TABLE E | 1000613 | SE150-310DAL25T(FL) | 572 | 705 | 530 | 50.9 |
| 200 | METER | TABLE E | 1000628 | YVW150-310DAL25T(FL) | 572 | 705 | 530 | 50.9 |

**Zurn Industries, LLC | Wilkins**
1747 Commerce Way, Paso Robles, CA U.S.A. 93446 Ph. 855-663-9876, Fax 805-238-5766
**In Australia | Reece Group**
57 Balmain Street, Cremorne VIC Australia 3121, Ph. 1800 080 055
**zurn.com.au | reece.com.au**

Rev. A
Date: 12/22
Document No. BF-310SDCV

## Flow Characteristics




Note: The pressure losses depicted in the tables are for the device only and not the complete assembly.

## Typical Installation

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted at a minimum of 12” (305mm) and a maximum of 30” (762mm) above adequate drains with sufficient side clearance for testing and maintenance. The installation shall be made so that no part of the unit can be submerged.