

Location:



**FDC**

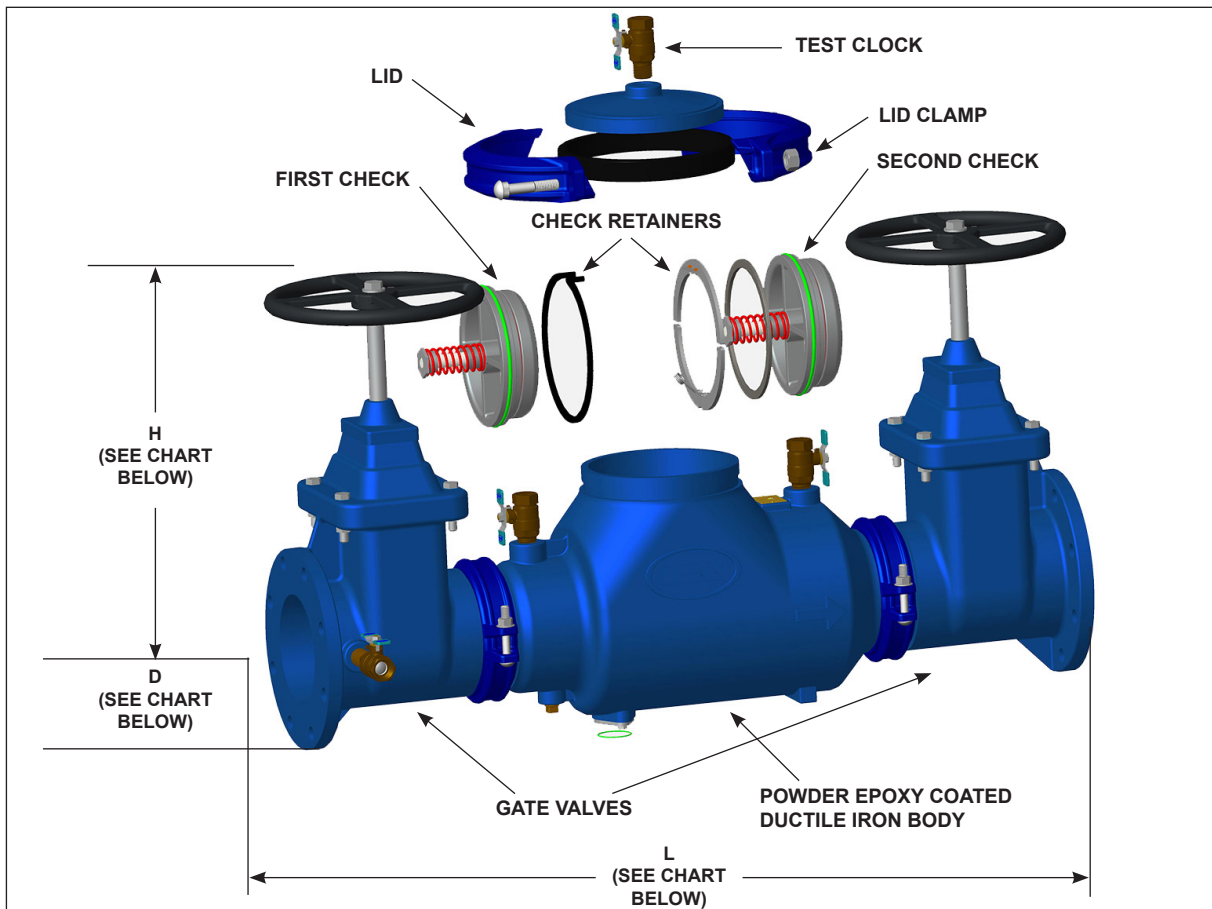
## 2 1/2" THRU 10" DOUBLE CHECK BACKFLOW ASSEMBLIES

**Specification:** The BEECO Friendly Double Check Backflow Preventer Valve is designed to stop the reverse of flow of a liquid into a potable water system. The proper installation of a backflow preventer must be done by a certified expert under local codes and guidelines to assure the protection of the drinking water system. The Valve shall be certified to ASSE 1015, CSA B64.5 and IAPMO listed. Certified lead free devices.

**Function:** The assembly shall consist of two repairable positive seating check modules with captured springs and rubber seat discs. Service of all internal components shall be through a single easily removable cover and designed for ease of access.

**Features:** Single access cover for fast service, Swing away clamp for ease of removing checks, Modular design reducing number of spare parts, Self contained check so there is no pressure to relieve when changing the seats.

**Ratings:** Maximum working water pressure 175 PSI, Working temperature range 33°F-140°F, Hydrostatic test pressure 350 PSI, Flanged end connection meet ANSI B16.1 and all grooved dimensions comply with AWWA C606.



**Complies with AWWA-C510**

| Model No. | Size   | L    | H OSY Open | H NRS | D    | Flange Bolt Torque (ft.-lbs.) |
|-----------|--------|------|------------|-------|------|-------------------------------|
| FDC2.50   | 2 1/2" | 33.5 | 18.88      | 16.38 | 7    | 70                            |
| FDC3.00   | 3"     | 34.5 | 21.88      | 18.88 | 7.5  | 70                            |
| FDC4.00   | 4"     | 40.8 | 25.63      | 21.63 | 9    | 75                            |
| FDC6.00   | 6"     | 43.8 | 35.13      | 29.13 | 11   | 130                           |
| FDC8.00   | 8"     | 56.5 | 44.63      | 36.63 | 13.5 | 130                           |
| FDC10.00  | 10"    | 59.5 | 54.5       | 44.5  | 16   | 180                           |

| SUFFIX                         | OPTIONAL VARIATIONS                          |
|--------------------------------|----------------------------------------------|
| <input type="checkbox"/> -NRS  | Non Rising Stem Gate Valve                   |
| <input type="checkbox"/> -OSY  | Outside Stem and Yoke Gate Valve             |
| <input type="checkbox"/> -BA   | Meets Buy America and Pennsylvania Steel Act |
| <input type="checkbox"/> -S    | Strainer Attached                            |
| <input type="checkbox"/> -DCDA | Double Check Detector Assembly               |
| <input type="checkbox"/> -G    | Grooved Flange Connection                    |
| <input type="checkbox"/> -LF   | No Gate Valves                               |

Job Name:   
 Section No:   
 Schedule No:

Page No:   
 Contract:   
 Purchase Order No:

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**FDC**

**2 1/2" THRU 10" DOUBLE CHECK  
BACKFLOW ASSEMBLIES**

**\*Valves Approved for Horizontal or Vertical Up Orientation.**

