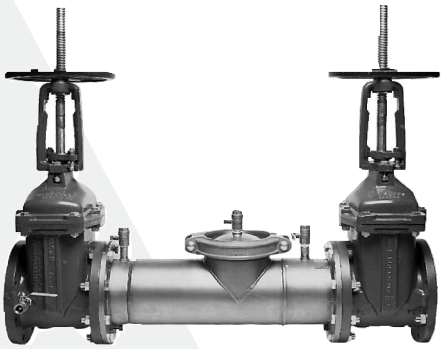
# Series 2000SE

## Double Check Valve Assemblies

Sizes: 6" and 8" (150 and 200mm)



2000SE

## Features

- Short lay length makes retrofit easy
- Patented cam-check valve provides low headloss
- Stainless steel body is half the weight of competitive designs reducing installation and shipping costs
- Stainless steel body provides long term corrosion protection and maximum strength
- Easy maintenance via top mounted single access cover
- No special tools required for servicing
- Compact construction for smaller valve vaults and enclosures

## Available Models

Suffix:

NRS - non-rising stem resilient seated gate valves

OSY - UL/FM outside stem and yoke resilient seated gate valves

LG - without shutoff valves

## Materials

All internal metal parts: 300 Series stainless steel

Main valve body: 300 Series stainless steel

Check assembly: Noryl®

Flange dimension in accordance with AWWA Class D

Noryl® is a registered trademark of General Electric Company.

Series 2000SE Double Check Valve Assemblies are designed to prevent the reverse flow of polluted water from entering the potable water supply. These models can be applied, where approved by the local authority having jurisdiction, on non health hazard installations.

The Series 2000SE consists of two independently operating cam-check valves located between two resilient seated shutoffs with four ball valve type test cocks.

## Specifications

The Double Check Valve Assembly shall consist of two positive seating cam-check valves located between two resilient seated shutoffs with four ball valve type test cocks. The main valve body shall be manufactured from 300 Series stainless steel to provide corrosion resistance. The cam-check valves shall be of thermoplastic construction with stainless steel hinge pins, cam arm and cam bearing. The cam-check valves shall utilize a single torsion spring design to minimize pressure drop through the assembly. The check valves shall be modular and shall seal to the main valve body by the use of an O-ring. There shall be no brass or bronze parts used within the check valve assembly. The cam-check valve seats shall be of molded thermoplastic construction. The use of seat screws as a retention method is prohibited. All internal parts shall be accessible through a single cover on the valve assembly. The valve cover shall be held in place through the use of a single grooved style two-bolt coupling. The assembly shall be an Ames Company Series 2000SE.

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

## Pressure — Temperature

Temperature Range: 33˚F – 110˚F (5˚C – 43˚C)

Maximum Working Pressure: 175psi (12.06 bars)

## Approvals

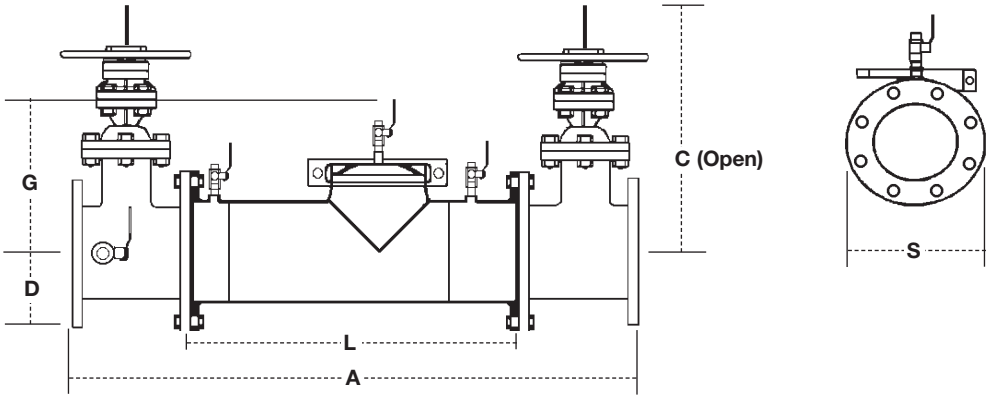
1015 B64.5 OSY ONLY

## Standards

AWWA C510-92

***IMPORTANT: Inquire with governing authorities for local installation requirements.***

## Dimensions – Weights

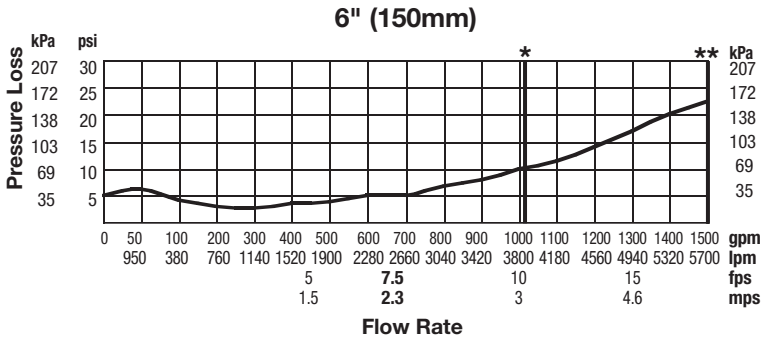


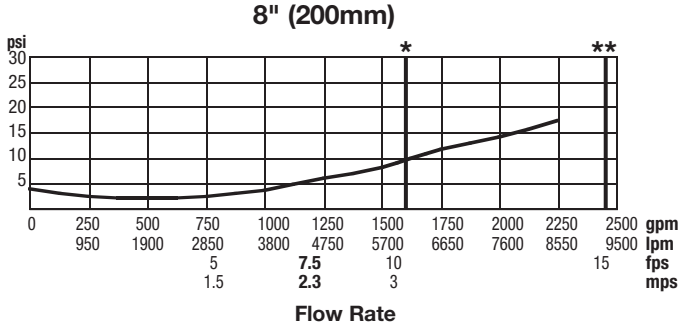

| SIZE | | DIMENSIONS | | | | | | | WEIGHT | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | A | C (OSY) | C(NRS) | D | G | L | S | w/Gates | w/o Gates |
| in. | mm | in. mm | in. mm | in. mm | in. mm | in. mm | in. mm | in. mm | lb. kg | lb. kg. |
| 6 | 150 | 41½ 1054 | 30⅛ 765 | 16 406 | 5½ 140 | 11⅛ 283 | 20 508 | 11 279 | 328 149 | 58 26 |
| 8 | 200 | 52½ 1334 | 37¾ 959 | 19 15/16 506 | 6¾ 171 | 17½ 445 | 29½ 749 | 13½ 343 | 540 245 | 120 54 |

## Capacities

*UL Rated **UL Tested

Series 2000SE flow curves as tested by Underwriters (including shutoffs)

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