



Series 582

Two-Door Wafer Check Valve



- Low Head Loss
- Resilient Seat
- Non-Slam Closure
- Stabilizer Spheres Prevent Vibration Wear

The Cla-Val Series 582 Two-Door Wafer Check Valve has torsion springs that force the two doors to shut before flow reversal, reducing the water hammer potential that normally occurs with single-door swing check valves. To help reduce water hammer, the two-door design also reduces the travel distance from open to shutoff for a quicker response. Extremely short in lay length, the valve is both a compact and economical solution. Two-Door Wafer Check Valves are available in sizes 2" to 36". Valve sizes 2" - 6" are dual rated to 150 and 300 pressure classes. Valve sizes 8" - 36" are rated to 150 pressure class.

SPECIFICATIONS

The two-door wafer check valve shall be compact wafer design to fit between ANSI flanges. The check valve doors shall be spring-loaded closed, by means of one or more heavy-duty stainless steel torsion springs. Flow shall cause the doors to open and upon pump shut down, the torsion spring will shut the doors, before reverse flow starts, for non-slam closure.

Seating shall be resilient Buna-N®, watertight and molded to the body. Valves 10" and larger shall be supplied with an eye bolt for lifting. The valve shall be a Cla-Val Series 582 Valves sizes 2" - 6" with alignment grooves for mounting between 150 or 300 lb. flanges. Valves sizes 8" - 36" inches will be wafer style to be mounted between 150 lb. flanges.

Although lighter in weight than globe style swing check valves, Cla-Val Two-Door Wafer Check Valves are designed for heavy-duty applications. For ease of installation, valves 10" and larger are supplied with a tapped hole for installing a lifting eye bolt.

Materials

Valve Body:

Ductile Iron - ASTM 536 65-45-12

Doors:

Aluminum Bronze ASTM B148

Disc & Seat:

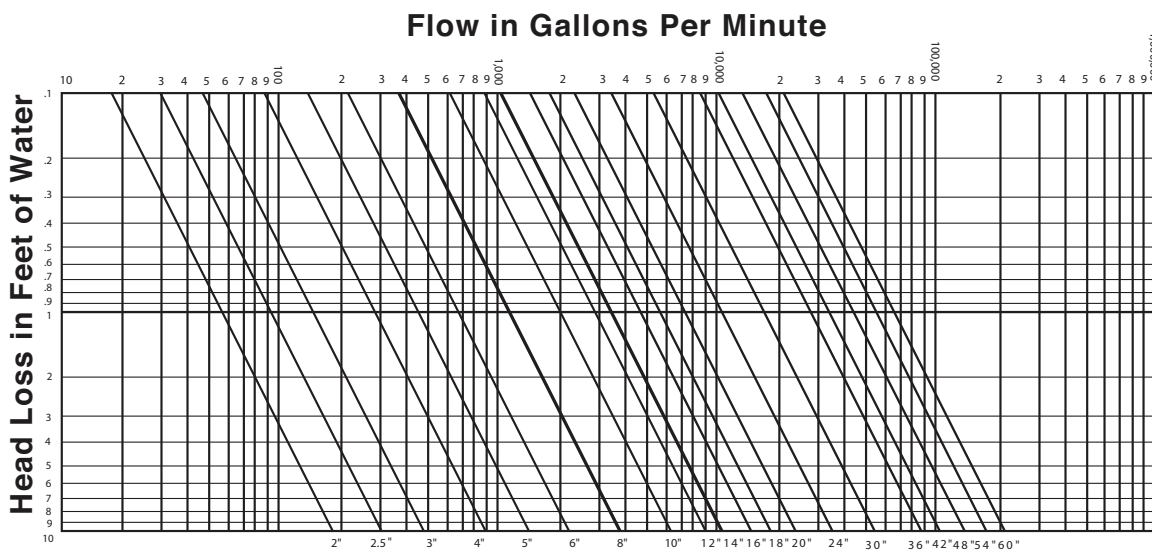
Stainless Steel

Spring:

Stainless Steel

Note: Standard offering is two-part epoxy coating interior and exterior

Lug pattern available - consult factory



4 through 12-inches



8 through 12-inches

