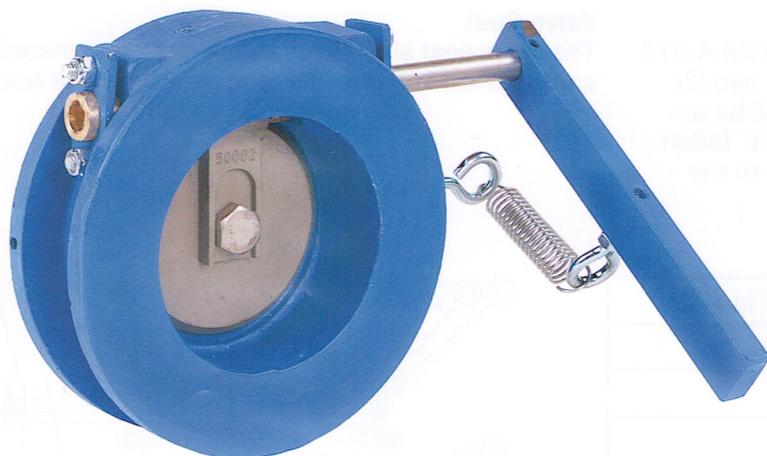




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Milliken Wafer Check Valve Figure 700



- Narrow Face-to-Face
- Heavy Duty Cast Iron Body
- 316 Stainless Steel Internals
- Spring Assisted Closure
- Reversible Spring Arm Assembly
- Elastomer Seat in Body
- Unobstructed Round Port
- Disc Position Indicator
- Manual Override Lever
- Economical Alternative

Scope of the Line: Wafer Check Valve

Sizes

3" - 12"

Body

The compact wafer body is constructed of ASTM A-126 class B cast iron. This short face-to-face dimension means less space is required than with traditional flanged swing check valves.

Seat

Numerous "O" ring seat materials are available. Positive retention of the seat is accomplished by the dovetail groove machined in the valve body. This groove reduces the possibility of the "O" ring being displaced from the body while allowing removal and replacement during maintenance.

Packing

Split rings of PTFE packing are employed to prevent leakage through the shaft, and can be adjusted when necessary.

Shaft / Bushings

The one piece 316 stainless steel shaft is supported by two (2) bronze bushings to insure proper alignment of the disc and seat. The design allows the shaft/arm to be field changed to either left or right hand positions.

Disc

A corrosion resistant 316 stainless steel disc is used to reduce the chance of disc failure. Precision machining of the mating surface provides uniform contact between the disc and seat.

Disc Arm

Continuing the concept of 316 stainless steel internals, the disc arm is manufactured of 316 stainless steel. The arm is attached to the disc and shaft by use of stainless steel fasteners.

Spring / Arm Assembly

The spring arm assembly provides both positive indication of the disc position as well as serving as a manual override for use in back flushing the system. The spring allows the valve to operate properly even if installed in a vertical line. The spring also permits a predetermined line pressure to be reached prior to the valve opening. Optional weight is available.

Flow

Round unobstructed ports translate to higher flow capabilities than are possible with other types of wafer check valves.

