

# Wafer Type Dual Plate Check Valve

Wafer type dual plate check valves remain open with forward fluid flow and close with back pressure, utilizing either fluid back pressure, weight, or spring force. These valves are available in various designs and sizes, ranging from 50mm to 1600mm diameter, offering an efficient and versatile design.



## ADDITIONAL IMAGES



## Overview

### High-Performance Dual Plate Check Valve

Designed for critical one-way flow control, this dual-disc wafer check valve effectively prevents backflow in industrial piping systems. Its compact, lightweight design ensures minimal fluid resistance and sensitive operation, making it ideal for diverse applications from water treatment to petrochemical processing. Built for longevity and reliability, the valve supports both horizontal and vertical installation, offering a versatile solution for demanding environments.

## Technical Specifications

### Design Features

- One-piece body
- Butterfly swing type mechanism
- Dual-plate disc with long-pattern design
- Renewable split disc
- Retainerless construction
- Horizontal or vertical service capability

<b>Size Range</b>	DN15 - DN1200
<b>Pressure Class</b>	Class 150 - 2500
<b>Compliance Standards</b>	API 594, ANSI B 16.10, ANSI B 16.5, ANSI B 16.47, API 598, ISO 14313, ASME B 16.34

## Materials

### Standard Material Specifications

Part	Carbon Steel Option	Stainless Steel (316) Option
Body	A216 WCB	A351 CF8M
Plate	WCB+13Cr	A351 CF8M
Stop Pin	A276 410	A276 316
Back Spring	Si-Mn Steel	Inconel 750

## Applications

### Typical Industries

Water Supply • Sewage Treatment • Electric Power • Petroleum • Petrochemical • Heat Supply • Metallurgy

### Compatible Media

Water, Sewage, Sea Water, Steam, Air, Foodstuff, Oils, Nitric Acid, Urea