



## Dual Plate Check Valve

**Body material:** carbon steel, stainless steel, alloy steel

**Nominal diameter:** 1/2"~48" (DN15~DN1200)

**Pressure range:** Class150~2500 (PN10~PN420)

**End connection:** RF, RTJ, Wafer

**Working temperature:**-196°~+560°C

### Design Features

Design standard as per: API 594, API 6D, ASME B16.34, GB/T 12236.

Compact and reasonable product structure, reliable tightness and good performance;

Small volume and light weight;

Applied widely;

Rapid closing and flexible actions of the valve clack

Small closing impact, water hammer is not liable to be generated;

Smooth fluid passageway and small fluid resistance;

**MAIN FEATURES:**Two arch disc are fixed onto the valve body with a spindle on which two torsional springs are equipped for installing the butterfly plate onto the valve body sealing face. The butterfly plate pressed by the springs is opened by relying on the medium pressure, and the valve is closed by the spring force and the medium pressure under backflow. It can be installed on horizontal and vertical pipelines.