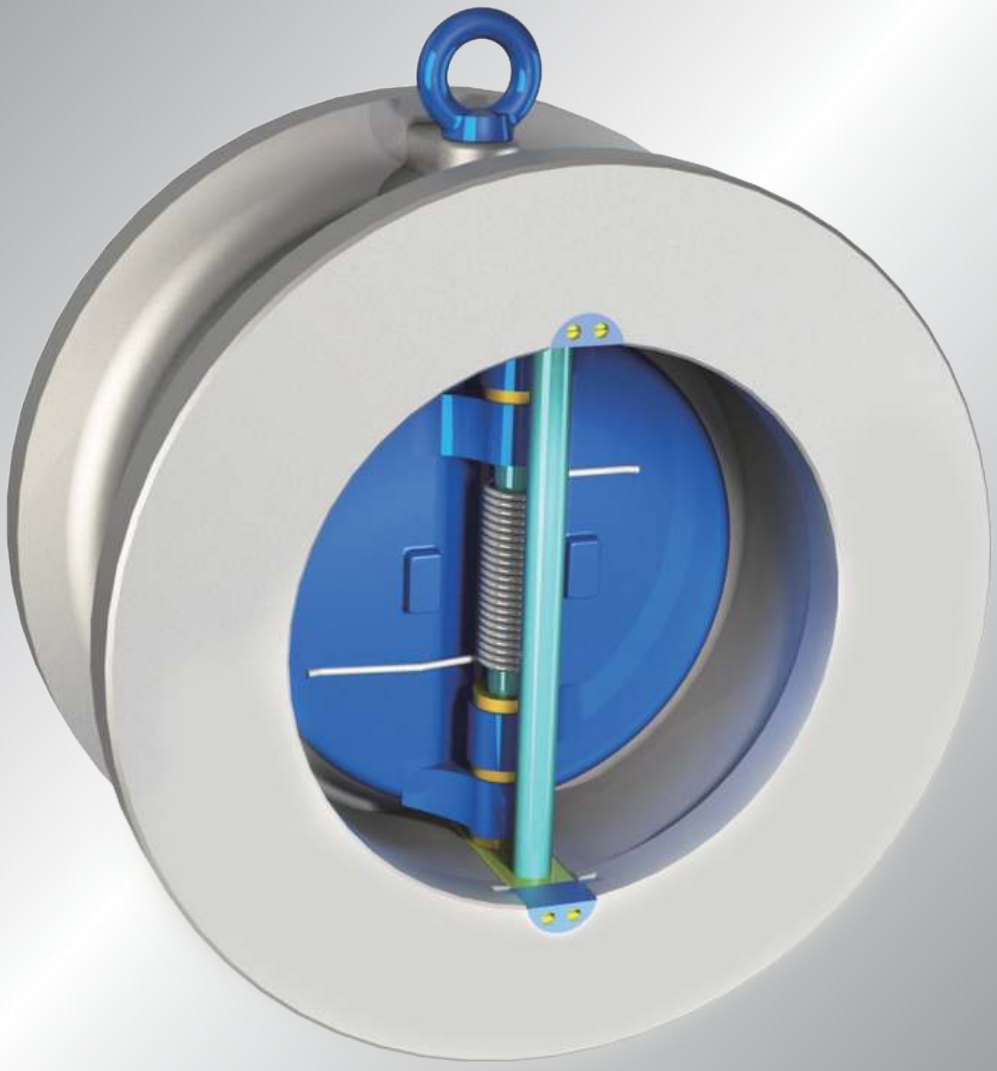


Dual Plate Check Valve

MT GROUP

Dual Plate Check Valve



Product Standard:

API 594
API 6D
BS 6364
MESC SPE 77/200

Product Feature:

- Minimum design temperature -196℃
- Lighter in weight and smaller in size compared to a conventional swing or lift check valve.
- No Water Hammer and Non-Slam simultaneously due to spring assisted closing when the flow velocity approaches zero and well before the flow reverses.
- Installation in horizontal and vertical (upward flow).
- Widely used in Oil & Gas, Refinery, Chemical, LNG, Power and Water industry for gases, liquids, steam and corrosive services.

Valve Production:

- Own foundry for quality casting supply.
- High-precision machining and grinding to ensure the valve performance.
- Complete in-house examination and testing.

Complete Research and Development Test Lab







The company has a full set of cryogenic valve test equipment, including full-size liquid nitrogen pool, valve seat leakage flowmeter, torque and test machine, helium detector, to provide capability and product research and development and production test.

Dual Plate Check Valve



Design Features:

Retainerless Design

Retainerless valve body by means of internal hing pin design has no leakage point penetrated the wall.

Soft Seat / Metal Seat

The soft seat is vulcanized with NBR, EPDM and VITON. The metal seat is hardfaced with CoCr alloy. Other materials are available upon request.

Low Cracking Pressure

Optimize the design of disc and spring to minimize valve cracking pressure and reduce the pressure drop. The minimum cracking pressure could be 0.001Mpa.

Seating Surface

Optimize the disc design to ensure sealing surface seated evenly. Ground and lap seating surface for metal-seated valve to ensure the seat leakage requirements even low pressure gas test.

Product Range

2-48" CLASS 150/300/600 Wafer type / Lug type / Flange type
2-36" CLASS 900 Wafer type / Lug type / Flange type
2-24" CLASS 1500 Wafer type / Lug type
2-12" CLASS 2500 Wafer type / Lug type

MT GROUP

INDUSTRIAL VALVE MANUFACTURER

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