

CHECK VALVE

Dual Plate Check Valve

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SPECIFICATIONS

Size	NPS 2" to NPS 64"
Pressure	Class 150 / PN10 to Class 2500 / PN420
End connection	wafer (ASME B16.5 / ASME B16.47 / GB/T 9113 / JB/T 79 / HG/T 20592 / EN 1092 / GOST 33259)
Face-to-face	ASME B16.10, GB/T 12221, EN558
Temperature	-46°C to 200°C
Media	water, steam, oil products, nitric acid, acetic acid, strong oxidising agents, petroleum, chemical media, pharmaceutical media, fertiliser process fluids, power industry fluids, low-temperature media

STANDARDS

Design	API 6D, ASME B16.34, GB/T 12236
Test	API 598, API 6D, GB/T 13927, JB/T 9092, GOST 9544

APPLICATIONS

- Petroleum industry pipelines
- Chemical industry pipelines
- Pharmaceutical industry pipelines
- Fertiliser industry pipelines
- Power industry pipelines
- Low-temperature service pipelines
- Horizontal and vertical pipeline installations
- Installations with limited access space



Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

MATERIALS

Body	Carbon Steel, Stainless Steel, Alloy Steel	Discs	Carbon Steel, Stainless Steel, Alloy Steel
Seat sealing surface	Wear-resistant overlay weld, Rubber lining		

FEATURES

- Two semicircular spring-loaded discs mounted on a central vertical pivot
- Wafer-style connection for compact, lightweight structure
- Disc opens from base first, minimising seal wear during opening
- Short closing stroke with spring loading for rapid closure, reducing water hammer
- Gradual closure as flow decreases; faster closure during backflow
- Spring closes top of disc first, protecting disc base and prolonging seal life
- Sealing surface options: wear-resistant weld overlay or rubber lining
- Suitable for horizontal and vertical pipeline installation
- Wide range of compatible media including oxidising agents and cryogenic fluids