

CHECK VALVE

Forged Steel Check Valve

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SPECIFICATIONS

Size	NPS 1/2"–NPS 2"
Pressure	150LB–2500LB
End connection	flanged / socket weld / butt weld / flanged
Temperature	-29°C to 550°C
Media	water, steam, oil, nitric acid, acetic acid

STANDARDS

Design	API
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APPLICATIONS

- Tap water pipelines
- Food industry pipelines
- Pharmaceutical industry pipelines
- Electric power pipelines
- Petroleum pipelines
- Liquefied gas pipelines
- Steam pipelines



MATERIALS

body	Carbon Steel, Alloy Steel, Stainless Steel	disc	Stainless Steel, Alloy Steel
stem	Stainless Steel, Alloy Steel	gasket	Stainless Steel / Graphite, Stainless Steel / PTFE
bonnet	Carbon Steel, Alloy Steel, Stainless Steel		

FEATURES

- Design and manufacture according to API standards
- 600LB and above gate and seat overlaid with Stellite for wear resistance, high temperature resistance, and corrosion resistance
- Valve stem tempered and surface nitrided for corrosion resistance and scratch resistance
- Wedge elastic gate structure with rolling bearings on medium and large diameters
- 1500LB and 2500LB middle cavity uses pressure self-tightening sealing structure
- Inverted seal uses stainless steel threaded connection sealing seat or body overlay welding austenitic stainless steel; packing can be replaced without stopping flow
- Flanged end connections
- Size 1 inch, Class 150 pressure rating cast on body
- Heat code H21 marked on body