

## API Gate Valve

### Technical Details

#### Cast steel gate valve design structure and feature:

Design and manufacture conform to API600, API6D & ASMEB16.34

Test and check conform to API598.

#### Adopt the following structure:

Full-bore

Flexible or rigid disc or soft seal structure

Self-centering gland or plate Renewable seat

Bolted bonnet, spiral coiled eight-square gasket

sealing bonnet or pressure seal bonnet



#### According to the following standard:

Flange ends conform to ASME B16.5 & ASME B 16.47A

Butt-welding end conform to ASME B 16.25

Face to face dimension conform to ASME B16.10, API600, API6D

**Operation type:** electrical, pneumatic, hydraulic and gear etc.

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## Non Rising Stem Hand Wheel Resilient Seated Gate Valve

### Technical Details

**Specifications:** DN50~DN150(GB), DN50~DN600(DIN),  
DN50~DN200 PN25(DIN)

Characteristics: Hand wheel drive; epoxy coating is applied on the flanged connection surface; the ductile iron valve plate is rubber-clad and beset with bronze nuts, and the service life is long. The product is installed at ground pipeline, and is applicable to manual operations.



#### Materials:

Valve body: Cast iron or ductile iron, epoxy spray coating

Valve cap: Cast iron or ductile iron, epoxy spray coating

Valve disc: Ductile iron coated with EPDM or NBR

Valve stem: SS420

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## Non Rising Stem Signal Resilient Seated Gate Valve

### Technical Details

**Specification:** DN50~DN200

Hand wheel drive; flanged connection, with red epoxy coating applied on the surface; the valve disc is rubber-clad and beset with bronze nuts.

**Valve body/ valve cap:** Cast iron / ductile iron



**Valve disc:** Ductile iron coated with rubber

**Valve stem:** SS420

**Pressure and temperature**

**Working pressure:** 1.0 Mpa /1.6 Mpa /2.5MPa

**Working temperature:** 0?~80?

**Technical parameters of signal line**

Rated voltage: 24 V DC/AC

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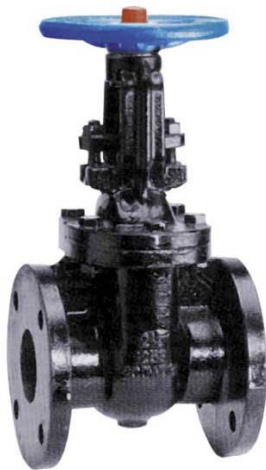
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## Rising Stem Iron Gate Valve

### Technical Details

**Specification:** DN50~DN400

F-503 rising stem iron gate valve meets the requirements of MSS-SP-70 --- Type 1, and is mainly featured by rising stem, valve cap connection with bolts, bronze embedded parts and integral valve plate.



### Pressure and temperature

Working pressure of steam: 0.875MPa; temperature: 178?

Working pressure of water, oil, gas: 1.4MPa

### Materials

Valve body/ valve cap/ valve disc: Cast iron

Valve stem: Forged brass

Valve seat: Bronze

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## Rising Stem Resilient Seated Gate Valve

### Technical Details

**Specifications:** DN50~DN150(GB), DN50~DN600(DIN),  
DN50~DN200 PN25(DIN)

Characteristics: Hand wheel drive; epoxy coating is applied on the flanged connection surface; the ductile iron valve disc is rubber-clad and beset with bronze nuts, and the service life is long. The product is installed at ground pipeline, and is applicable to manual operations. The rising height of valve plate may be judged. It is mostly applied to fire fighting system.



#### Materials:

Valve body: Cast iron or ductile iron, epoxy spray coating

Valve cap: Cast iron or ductile iron, epoxy spray coating

Valve disc: Ductile iron coated with EPDM or NBR

Valve stem: SS420

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## Manual Knife Gate Valve

### Technical Details

**Specification:** DN50~DN900

LUG style convenient and easy operation; applicable to media such as paper pulp, sewage, and coal dust, etc.; zero leakage, and rubber sealing.



#### Pressure and temperature

Applicable pressure: 1.0MPa

Working temperature: =120?

#### Materials

Valve body: WCB CF8 CF8M, CF3M

Valve disc: Stainless steel 304 316 316L

Valve stem: 1Cr13 304 316 17-4PH

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