

Forged Check Valves

Design

- Forged body and bonnet
- Bolted bonnet or Pressure Seal
- Seat rings are integral or welded

Applications

- Power plant, Chemical, Petrochemical, Refining

Media

- Depending on the valve materials: water, steam, gas, oil and oil derivatives and other non aggressive media

Advantages

- Long service life
- Easy handling and maintenance

Materials

- Carbon, heat resistant alloy and stainless steels

Pressure and temperature

- Long service life
- Easy handling and maintenance

Options

- Electric, hydraulic or pneumatic actuator
- Position indicator
- Swing or Lift Type Disc
- Locking device
- Different Trim sets
- End Connection can be screwed/socket weld, buttweld or flanged

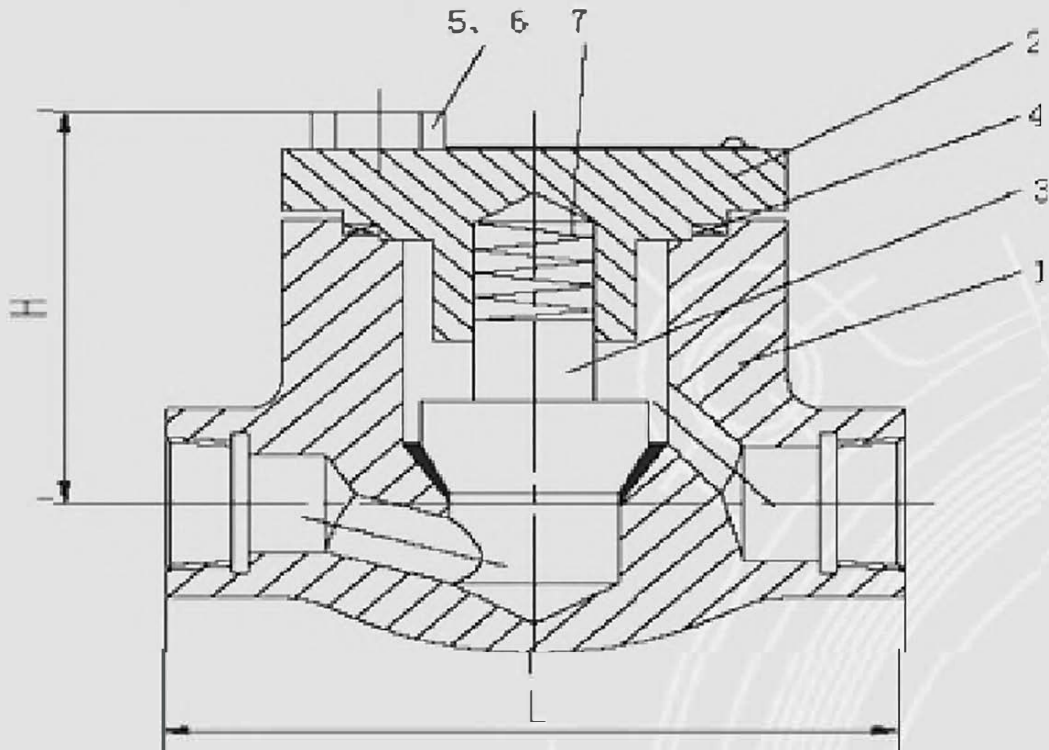
Testing

- Every produced valve was tested according to API598

Gate valve according to API 600	Class 150 ÷ Class 1500
Face-to-face (FTF) and End-to-end (ETE) dimensions acc. to	ASME B16.10
Flanged ends according to	ASME B16.5
Welding ends according to	ASME B16.25
Screw ends according to	ASME B1.20.1



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No	Parts	Materials	
		ASTM	
1	Body	A105	F316
2	Bonnet	A105	F316
3	Disc	A182 F6a	F316
4	Gasket	304 + Flexible Graphite	316 + Flexible Graphite
5	Bolt	A193 B7	B8
6	Nut	A194 2H	8
7	Spring	SS	SS

Note: Seal surface materials can be designed according to customer's requirement.