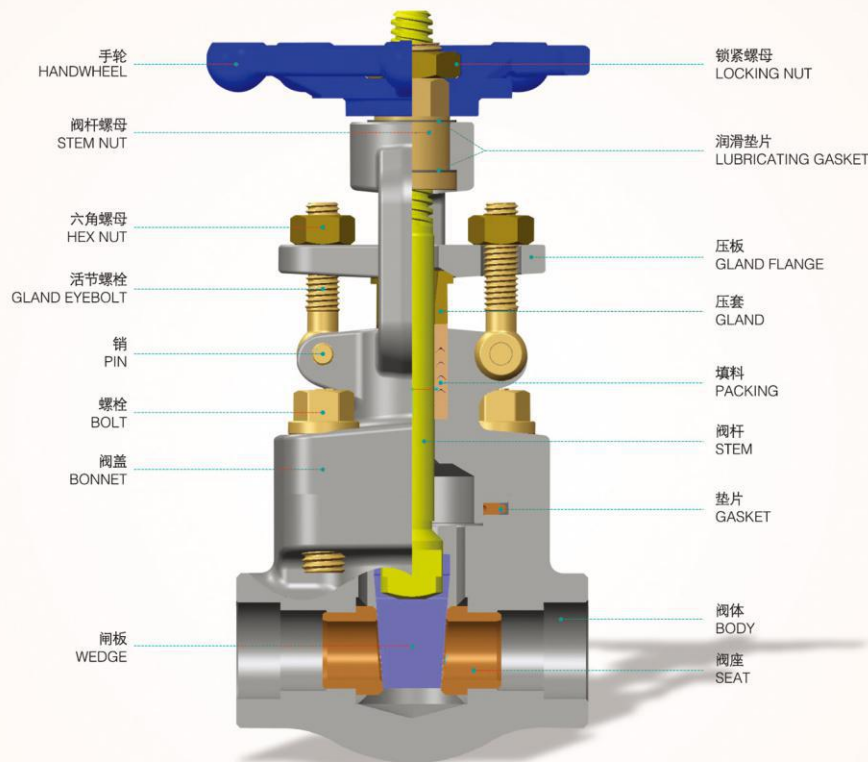


## 闸阀 Gate Valve



瑞兴锻钢闸阀有三种闸盖设计形式:

- (1) 螺栓式闸盖, 其闸体与闸盖用螺栓连接, 缠绕式垫片 (F304夹柔性石墨制造) 或采用金属环连接密封;
- (2) 焊接式闸盖, 其闸体与闸盖用螺栓连接, 全焊密封;
- (3) 压力自紧式闸盖, 其闸体与闸盖用螺栓连接, 内压自密封环密封。

Ruixing forged steel gate valve is available in three kinds of bonnet design:

- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

**DERVOS**

厦门德沃斯进出口有限公司  
Xiamen Dervos Valves Industry Co., Ltd.



ExxonMobil's Forged Valve Supplier  
埃克森美孚锻钢阀供应商

### FORGED STEEL GATE VALVE – Outside Screw & Yoke, Bolted Bonnet

锻钢闸阀 – 明杆支架, 闸盖螺栓连接



#### 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 闸盖 BONNET       | 注释 NOTE①         |
| 闸座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy, etc.

#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:
  - ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★明杆支架, 闸盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
  - ★缩径 / 全径 Reduce Bore / Full Bore
  - ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |   |
|-------------------------------------|--------------------|------------------------|-------------------|---|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 闸座<br>SEAT (psig) |   |
| 150LB                               | 450                | 325                    | 90                | – |
| 300LB                               | 1125               | 825                    | –                 | – |
| 600LB                               | 2225               | 1650                   | –                 | – |
| 800LB                               | 2975               | 2175                   | –                 | – |
| 900LB                               | 3350               | 2450                   | –                 | – |
| 1500LB                              | 5575               | 4100                   | –                 | – |

### FORGED STEEL GATE VALVE – Outside Screw & Yoke, Welded Bonnet

锻钢闸阀 – 明杆支架, 闸盖焊接连接



#### 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 闸盖 BONNET       | 注释 NOTE①         |
| 闸座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy, etc.

#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:
  - ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★明杆支架, 闸盖焊接连接 Outside Screw & Yoke, Welded Bonnet
  - ★缩径 / 全径 Reduce Bore / Full Bore
  - ★升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |      |
|-------------------------------------|--------------------|------------------------|-------------------|------|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 闸座<br>SEAT (psig) |      |
| 150LB                               | 450                | 325                    | 90                | –    |
| 300LB                               | 1125               | 825                    | –                 | –    |
| 600LB                               | 2225               | 1650                   | –                 | –    |
| 800LB                               | 2975               | 2175                   | –                 | –    |
| 900LB                               | 3350               | 2450                   | –                 | –    |
| 1500LB                              | 5575               | 4100                   | –                 | –    |
| 2500LB                              | 9275               | 6800                   | –                 | 6800 |

## FORGED STEEL GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

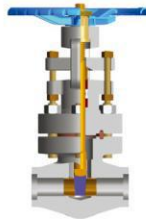
锻钢闸阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 环垫 R-RING       | 304 SS           |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 5575               | 4100                   | 90                | -          |
| 2500LB                              | 9275               | 6800                   | -                 | 6800       |

## FORGED STEEL FLANGED GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接闸阀 – 明杆支架, 阀盖螺栓连接



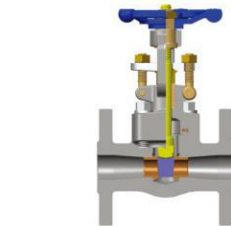
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore  
★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 150LB                               | 450                | 325                    | 90                | -          |
| 300LB                               | 1125               | 825                    |                   | -          |
| 600LB                               | 2225               | 1650                   |                   | -          |
| 800LB                               | 2975               | 2175                   |                   | -          |
| 900LB                               | 3350               | 2450                   |                   | -          |
| 1500LB                              | 5575               | 4100                   |                   | -          |

## FORGED STEEL GATE VALVE – Outside Screw &amp; Yoke, Pressure-Seal Bonnet

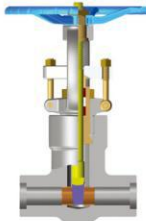
锻钢闸阀 – 明杆支架, 压力自紧式密封阀盖



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 自密封座 P.S SEAT   | 304 SS           |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 压力自紧式密封阀盖 Outside Screw & Yoke, Pressure-Seal Bonnet  
★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 5575               | 4100                   | 90                | -          |
| 2500LB                              | 9275               | 6800                   | -                 | 6800       |

## FORGED STEEL FLANGED GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接闸阀 – 明杆支架, 阀盖螺栓连接



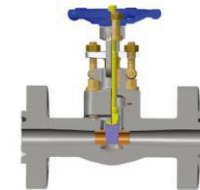
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore  
★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 150LB                               | 450                | 325                    | 90                | -          |
| 300LB                               | 1125               | 825                    |                   | -          |
| 600LB                               | 2225               | 1650                   |                   | -          |
| 800LB                               | 2975               | 2175                   |                   | -          |
| 900LB                               | 3350               | 2450                   |                   | -          |
| 1500LB                              | 5575               | 4100                   |                   | -          |

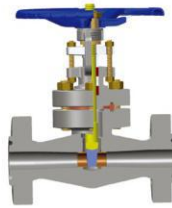
## FORGED STEEL FLANGED GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 环垫 R-RING       | 304 SS           |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
  - ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
  - ★ 缩径 Reduce Bore
  - ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 5575               | 4100                   | 90                | -          |
| 2500LB                              | 9275               | 6800                   | -                 | 6800       |

## FORGED STEEL FLANGED CRYOGENIC GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接低温闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS               |
|-----------------|----------------------------|
| 阀体 BODY         | 注释 NOTE①                   |
| 阀盖 BONNET       | 注释 NOTE①                   |
| 阀座 SEAT         | ASTM A276 304(L)/316(L)+HF |
| 闸板 WEDGE        | ASTM A276 304(L)/316(L)    |
| 阀杆 STEM         | ASTM A276 304(L)/316(L)    |
| 垫片 GASKET       | 304+GRAPHITE               |
| 手轮 HANDWHEEL    | ASTM A197                  |
| 填料 PACKING      | GRAPHITE                   |
| 压套 GLAND        | ASTM A276 304(L)/316(L)    |

注释NOTE: ① F304(L), F316(L).



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Down to -196°C  
(5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
  - ★ 加长盖 Long Extended Bonnet
  - ★ 操作: 手轮 Actuator: Handwheel
  - ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)
  - ★ 防火 / 抗静电设计 Fire Safety / Anti-static Design
  - ★ 非上升手轮 Non-Rising Handwheel

## FORGED STEEL CRYOGENIC GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢低温闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS               |
|-----------------|----------------------------|
| 阀体 BODY         | 注释 NOTE①                   |
| 阀盖 BONNET       | 注释 NOTE①                   |
| 阀座 SEAT         | ASTM A276 304(L)/316(L)+HF |
| 闸板 WEDGE        | ASTM A276 304(L)/316(L)    |
| 阀杆 STEM         | ASTM A276 304(L)/316(L)    |
| 垫片 GASKET       | 304+GRAPHITE               |
| 手轮 HANDWHEEL    | ASTM A197                  |
| 填料 PACKING      | GRAPHITE                   |
| 压套 GLAND        | ASTM A276 304(L)/316(L)    |

注释NOTE: ① F304(L); F316(L).



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.11/B16.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Down to -196°C  
(5) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★ 加长盖 Long Extended Bonnet
  - ★ 操作: 手轮 Actuator: Handwheel
  - ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)
  - ★ 防火 / 抗静电设计 Fire Safety / Anti-static Design
  - ★ 非上升手轮 Non-Rising Handwheel

## FORGED STEEL BELLOWS GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢波纹管闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |
| 波纹管 BELLOWS     | ASTM A240 316    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B16.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB  
(4) 温度等级 Temperature Rating: Up to 500°C (5) 波纹管测试压力 Bellows Test Pressure: 80 psig  
(6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
  - ★ 缩径 Reduce Bore
  - ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL BELLOWS GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢波纹管闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |
| 波纹管 BELLOWS     | ASTM A240 316    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

(1) 设计制造标准 Design &amp; Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 800LB

(4) 温度等级 Temperature Rating: Up to 500°C

(5) 波纹管测试压力 Bellows Test Pressure: 80 psig

(6) 结构特征 Structure Features:

★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★ 明杆支架, 阀盖螺栓连接 Outside Screw &amp; Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL FLANGED BELLOWS GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接波纹管闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |
| 波纹管 BELLOWS     | ASTM A240 316    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

(1) 设计制造标准 Design &amp; Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.5

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 150LB ~ 600LB

(4) 温度等级 Temperature Rating: Up to 500°C

(5) 波纹管测试压力 Bellows Test Pressure: 80 psig

(6) 结构特征 Structure Features:

★ 连接端类型 End Connection: 法兰连接端 Flanged Type

★ 明杆支架, 阀盖螺栓连接 Outside Screw &amp; Yoke, Bolted Bonnet ★ 缩径 Reduce Bore ★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL EXTENDED GATE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢延长端闸阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

(1) 设计制造标准 Design &amp; Manufacture Conform to: API 602, API 606, ASME B16.34/B16.11/B1.20.1

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 800LB ~ 1500LB

(4) 温度等级 Temperature Rating: Up to 500°C

(5) 结构特征 Structure Features:

★ 连接端类型 End Connection: 螺纹或承插焊连接端 Threaded or Socket-Welded Type

★ 明杆支架, 阀盖螺栓连接 Outside Screw &amp; Yoke, Bolted Bonnet

★ 缩径 / 全径 Reduce Bore / Full Bore

★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL RELEASING MEDIA VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

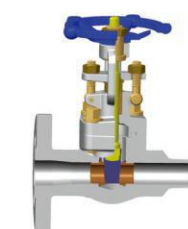
锻钢放空导淋阀 – 明杆支架, 阀盖螺栓连接

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 闸板 WEDGE        | ASTM A276 420    |
| 阀杆 STEM         | ASTM A276 410    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 手轮 HANDWHEEL    | ASTM A197        |
| 填料 PACKING      | GRAPHITE         |
| 压套 GLAND        | ASTM A276 410    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

(1) 设计制造标准 Design &amp; Manufacture Conform to: API 602, ASME B16.34/B16.11/B1.20.1/B16.5

(2) 阀门尺寸 Valve Size: 1/2"~4"

(3) 应用等级 Applicable Rating: Class 800LB ~ 1500LB

(4) 温度等级 Temperature Rating: Up to 500°C

(5) 结构特征 Structure Features:

★ 连接端类型 End Connection: 螺纹或承插焊连接端 Threaded or Socket-Welded Type

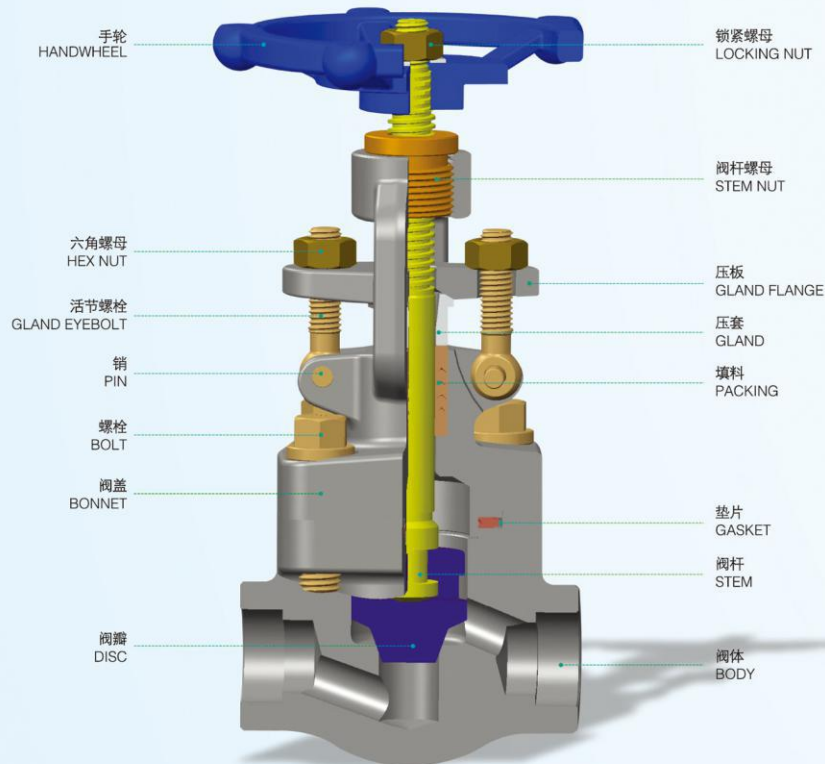
对焊或法兰连接端 Butt-Welded or Flanged Type

★ 明杆支架, 阀盖螺栓连接 Outside Screw &amp; Yoke, Bolted Bonnet

★ 缩径 / 全径 Reduce Bore / Full Bore

★ 升杆式 / 非上升手轮 Rising Stem / Non-Rising Handwheel

## 截止阀 Globe Valve



瑞兴锻钢截止阀有三种阀盖设计形式:

- (1) 螺栓式阀盖, 其阀体与阀盖用螺栓连接, 缠绕式垫片(F304夹柔性石墨制造)或采用金属环连接密封;
- (2) 焊接式阀盖, 其阀体与阀盖用螺栓连接, 全焊密封;
- (3) 压力自紧式阀盖, 其阀体与阀盖用螺栓连接, 内压自密封环密封。

Ruixing forged steel globe valve is available in three kinds of bonnet design:

- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

**DERVOS**

厦门德沃斯进出口有限公司  
Xiamen Dervos Valves Industry Co., Ltd.



ExxonMobil's Forged Valve Supplier  
埃克森美孚锻钢阀供应商

### FORGED STEEL GLOBE VALVE – Outside Screw & Yoke, Bolted Bonnet

锻钢截止阀 – 明杆支架, 阀盖螺栓连接



#### 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy, etc.

#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
- ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                                  |                                      |                                |            |
|-------------------------------------|----------------------------------|--------------------------------------|--------------------------------|------------|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR | 水<br>WATER |
| 150LB                               | 450                              | 325                                  |                                | 325        |
| 300LB                               | 1125                             | 825                                  |                                | 825        |
| 600LB                               | 2225                             | 1650                                 |                                | 1650       |
| 800LB                               | 2975                             | 2175                                 |                                | 2175       |
| 900LB                               | 3350                             | 2450                                 |                                | 2450       |
| 1500LB                              | 5575                             | 4100                                 |                                | 4100       |

### FORGED STEEL GLOBE VALVE – Outside Screw & Yoke, Welded Bonnet

锻钢截止阀 – 明杆支架, 阀盖焊接连接



#### 材料标准 STANDARD MATERIALS

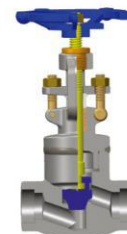
| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy, etc.

#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
- ★明杆支架, 阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet
- ★缩径 / 全径 Reduce Bore / Full Bore
- ★非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                                  |                                      |                                |            |
|-------------------------------------|----------------------------------|--------------------------------------|--------------------------------|------------|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR | 水<br>WATER |
| 150LB                               | 450                              | 325                                  |                                | 325        |
| 300LB                               | 1125                             | 825                                  |                                | 825        |
| 600LB                               | 2225                             | 1650                                 |                                | 1650       |
| 800LB                               | 2975                             | 2175                                 |                                | 2175       |
| 900LB                               | 3350                             | 2450                                 |                                | 2450       |
| 1500LB                              | 5575                             | 4100                                 |                                | 4100       |
| 2500LB                              | 9275                             | 6800                                 |                                | 6800       |

## FORGED STEEL Y-GLOBE VALVE — Outside Screw &amp; Yoke, Bolted Bonnet

锻钢Y型截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 150LB       | 450                | 325                    | 325               |
| 300LB       | 1125               | 825                    | 825               |
| 600LB       | 2225               | 1650                   | 1650              |
| 800LB       | 2975               | 2175                   | 2175              |
| 900LB       | 3350               | 2450                   | 2450              |
| 1500LB      | 5575               | 4100                   | 4100              |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

## FORGED STEEL Y-GLOBE VALVE — Outside Screw &amp; Yoke, Welded Bonnet

锻钢Y型截止阀 – 明杆支架, 阀盖焊接连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 150LB       | 450                | 325                    | 325               |
| 300LB       | 1125               | 825                    | 825               |
| 600LB       | 2225               | 1650                   | 1650              |
| 800LB       | 2975               | 2175                   | 2175              |
| 900LB       | 3350               | 2450                   | 2450              |
| 1500LB      | 5575               | 4100                   | 4100              |
| 2500LB      | 9275               | 6800                   | 6800              |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet ★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

## FORGED STEEL GLOBE VALVE — Outside Screw &amp; Yoke, Bolted Bonnet

锻钢截止阀 – 明杆支架, 阀盖螺栓连接



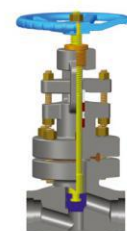
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 环垫 R-RING       | 304SS         |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet  
★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 1500LB      | 5575               | 4100                   | 4100              |
| 2500LB      | 9275               | 6800                   | 6800              |

## FORGED STEEL GLOBE VALVE — Outside Screw &amp; Yoke, Pressure-Seal Bonnet

锻钢截止阀 – 明杆支架, 压力自紧式密封阀盖



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 密封阀座 P.S SEAT   | 304SS         |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 明杆支架, 压力自紧式密封阀盖 Outside Screw & Yoke, Pressure-Seal Bonnet  
★ 缩径 / 全径 Reduce Bore / Full Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 1500LB      | 5575               | 4100                   | 4100              |
| 2500LB      | 9275               | 6800                   | 6800              |

## FORGED STEEL FLANGED GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 150LB       | 450                | 325                    | 325               |
| 300LB       | 1125               | 825                    | 825               |
| 600LB       | 2225               | 1650                   | 1650              |
| 800LB       | 2975               | 2175                   | 2175              |
| 900LB       | 3350               | 2450                   | 2450              |
| 1500LB      | 5575               | 4100                   | 4100              |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

## FORGED STEEL FLANGED GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES    | 材料 MATERIALS  |
|--------------------|---------------|
| 阀体 BODY            | 注释 NOTE①      |
| 阀盖 BONNET          | 注释 NOTE①      |
| 阀座 SEAT            | ASTM A105+HF  |
| 阀瓣 DISC            | ASTM A276 420 |
| 阀杆 STEM            | ASTM A276 410 |
| 垫片 GASKET          | 304+GRAPHITE  |
| 手轮 HANDWHEEL       | ASTM A197     |
| 填料压套 GLAND PACKING | GRAPHITE      |
| 压套 GLAND           | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 150LB       | 450                | 325                    | 325               |
| 300LB       | 1125               | 825                    | 825               |
| 600LB       | 2225               | 1650                   | 1650              |
| 800LB       | 2975               | 2175                   | 2175              |
| 900LB       | 3350               | 2450                   | 2450              |
| 1500LB      | 5575               | 4100                   | 4100              |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type  
★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

## FORGED STEEL FLANGED GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

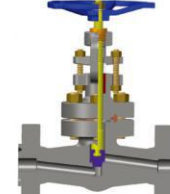
锻钢法兰连接截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 环垫 R-RING       | 304SS         |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type  
★ 明杆支架, 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet ★ 缩径 Reduce Bore  
★ 非升杆式 / 上升手轮 Non-Rising Stem / Rising Handwheel

| 磅级<br>CLASS | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |
|-------------|--------------------|------------------------|-------------------|
|             | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         |
| 1500LB      | 5575               | 4100                   | 4100              |
| 2500LB      | 9275               | 6800                   | 6800              |

## FORGED STEEL CRYOGENIC GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢低温截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS               |
|-----------------|----------------------------|
| 阀体 BODY         | 注释 NOTE①                   |
| 阀盖 BONNET       | 注释 NOTE①                   |
| 阀座 SEAT         | ASTM A276 304(L)/316(L)+HF |
| 阀瓣 DISC         | ASTM A276 304(L)/316(L)    |
| 阀杆 STEM         | ASTM A276 304(L)/316(L)    |
| 垫片 GASKET       | 304+GRAPHITE               |
| 手轮 HANDWHEEL    | ASTM A197                  |
| 填料 PACKING      | GRAPHITE                   |
| 压套 GLAND        | ASTM A276 304(L)/316(L)    |

注释NOTE: ① F304(L); F316(L).



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Down to -196°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★ 加长盖 Long Extended Bonnet ★ 操作: 手轮 Actuator: Handwheel ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)  
★ 防火 / 防静电设计 Fire Safety / Anti-static Design ★ 上升手轮 Rising Handwheel

## FORGED STEEL FLANGED CRYOGENIC GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接低温截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS               |
|-----------------|----------------------------|
| 阀体 BODY         | 注释 NOTE①                   |
| 阀盖 BONNET       | 注释 NOTE①                   |
| 阀座 SEAT         | ASTM A276 304(L)/316(L)+HF |
| 阀瓣 DISC         | ASTM A276 304(L)/316(L)    |
| 阀杆 STEM         | ASTM A276 304(L)/316(L)    |
| 垫片 GASKET       | 304+GRAPHITE               |
| 手轮 HANDWHEEL    | ASTM A197                  |
| 填料 PACKING      | GRAPHITE                   |
| 压套 GLAND        | ASTM A276 304(L)/316(L)    |

注释NOTE: ① F304(L); F316(L).



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS6364, MSS SP-134, ASME B16.34/B16.5  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
 (4) 温度等级 Temperature Rating: Down to -196℃  
 (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
  - ★ 加长盖 Long Extended Bonnet
  - ★ 操作: 手轮 Actuator: Handwheel
  - ★ 卸压设计 (压力平衡设计) Pressure Relief Design (Pressure Balance Design)
  - ★ 防火 / 防静电设计 Fire Safety / Anti-static Design
  - ★ 上升手轮 Rising Handwheel

## FORGED STEEL BELLOWS GLOBE VALVE – Outside Screw &amp; Yoke, Welded Bonnet

锻钢波纹管截止阀 – 明杆支架, 阀盖焊接连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |
| 波纹管 BELLOWS     | ASTM A240 316 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB  
 (4) 温度等级 Temperature Rating: Up to 500℃ (5) 波纹管测试压力 Bellows Test Pressure: 80 psig  
 (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★ 明杆支架, 阀盖焊接连接 Outside Screw & Yoke, Welded Bonnet
  - ★ 缩径 Reduce Bore
  - ★ 升杆式/非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL BELLOWS GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢波纹管截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | GRAPHITE      |
| 压套 GLAND        | ASTM A276 410 |
| 波纹管 BELLOWS     | ASTM A240 316 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 800LB  
 (4) 温度等级 Temperature Rating: Up to 500℃ (5) 波纹管测试压力 Bellows Test Pressure: 80 psig  
 (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded
  - ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
  - ★ 缩径 Reduce Bore
  - ★ 升杆式/非上升手轮 Rising Stem / Non-Rising Handwheel

## FORGED STEEL FLANGED BELLOWS GLOBE VALVE – Outside Screw &amp; Yoke, Bolted Bonnet

锻钢法兰连接波纹管截止阀 – 明杆支架, 阀盖螺栓连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 阀杆 STEM         | ASTM A276 410 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 手轮 HANDWHEEL    | ASTM A197     |
| 填料 PACKING      | 304+GRAPHITE  |
| 压套 GLAND        | ASTM A276 410 |
| 波纹管 BELLOWS     | ASTM A240 316 |

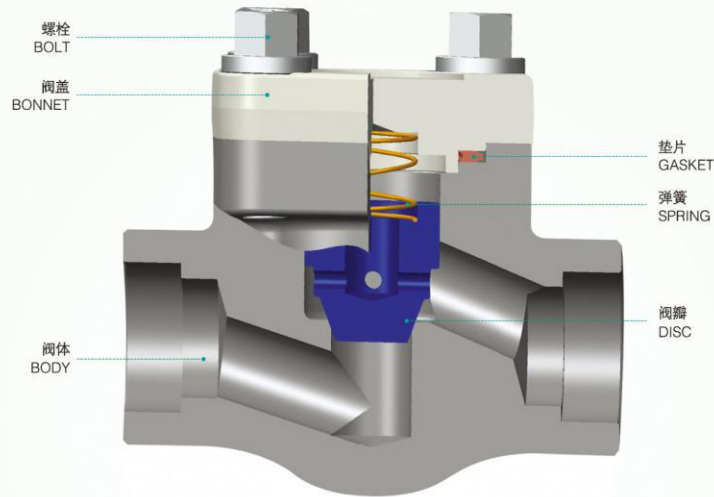
注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, MSS-SP 117, ASME B16.34/B16.5  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 600LB  
 (4) 温度等级 Temperature Rating: Up to 500℃ (5) 波纹管测试压力 Bellows Test Pressure: 80 psig  
 (6) 结构特征 Structure Features:
- ★ 连接端类型 End Connection: 法兰连接端 Flanged Type
  - ★ 明杆支架, 阀盖螺栓连接 Outside Screw & Yoke, Bolted Bonnet
  - ★ 缩径 Reduce Bore
  - ★ 升杆式/非上升手轮 Rising Stem / Non-Rising Handwheel

## 止回阀 Check Valve



瑞兴锻钢止回阀有三种阀盖设计形式:

- (1) 螺栓式阀盖, 其阀体与阀盖用螺栓连接, 缠绕式垫片(304夹柔性石墨制造)密封。根据客户要求可采用金属环连接;
- (2) 焊接式阀盖, 其阀体与阀盖用螺栓连接, 全焊密封;
- (3) 压力自紧式阀盖, 其阀体与阀盖用螺栓连接, 内压自密封环密封。

锻钢止回阀存在三种不同的设计结构, 它们是升降式止回阀、球式止回阀和旋启式止回阀。

Ruixing forged steel check valve is available in three kinds of bonnet designs:

- (1) Bolted Bonnet: The body and bonnet is connected by bolts with spiral wound gasket (304+graphite) or metal rings sealed. Metal ring connected is available on customer's request;
- (2) Welded Bonnet: The body and bonnet is screwed and sealed by welding;
- (3) Pressure Sealed Bonnet: The body and bonnet is screwed and sealed by inside pressure self-sealed ring.

The check valves are designed with three different kinds of structure. They are Lift Check Valve, Ball Check Valve and Swing Check Valve.

**DERVOS**

厦门德沃斯进出口有限公司  
Xiamen Dervos Valves Industry Co., Ltd.



ExxonMobil's Forged Valve Supplier  
埃克森美孚锻钢阀供应商

### FORGED STEEL LIFT CHECK VALVE – Bolted Cover

锻钢升降式止回阀 – 螺栓固定盖

#### 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

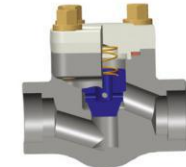
注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:

★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★螺栓固定盖 Bolted Cover ★缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 150LB                               | 450                |                        |                   | 325        |
| 300LB                               | 1125               |                        |                   | 825        |
| 600LB                               | 2225               |                        |                   | 1650       |
| 800LB                               | 2975               |                        |                   | 2175       |
| 900LB                               | 3350               |                        |                   | 2450       |
| 1500LB                              | 5575               |                        |                   | 4100       |

### FORGED STEEL LIFT CHECK VALVE – Welded Cover

锻钢升降式止回阀 – 阀盖焊接连接

#### 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

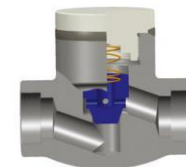
#### 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25
- (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB
- (4) 温度等级 Temperature Rating: Up to 500°C
- (5) 结构特征 Structure Features:

★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded

★阀盖焊接连接 Welded Cover

★缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 150LB                               | 450                |                        |                   | 325        |
| 300LB                               | 1125               |                        |                   | 825        |
| 600LB                               | 2225               |                        |                   | 1650       |
| 800LB                               | 2975               |                        |                   | 2175       |
| 900LB                               | 3350               |                        |                   | 2450       |
| 1500LB                              | 5575               |                        |                   | 4100       |
| 2500LB                              | 9275               |                        |                   | 6800       |

## FORGED STEEL LIFT CHECK VALVE – Pressure-Seal Cover

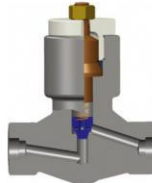
锻钢升降式止回阀 – 压力自紧式密封阀盖

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 密封阀座 P.S SEAT   | 304SS         |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★压力自紧式密封阀盖 Pressure-Seal Cover  
 ★缩径 / 全径 Reduce Bore / Full Bore

| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 5575               | -                      | -                 | 4100       |
| 2500LB                              | 9275               | -                      | -                 | 6800       |

## FORGED STEEL BALL CHECK VALVE – Bolted Cover

锻钢球式止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS



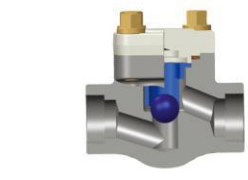
| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 球体 BALL         | ASTM A276 316 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 1500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★螺栓固定盖 Bolted Cover ★缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 450                | -                      | -                 | 325        |
| 3000LB                              | 1125               | -                      | -                 | 825        |
| 6000LB                              | 2225               | -                      | -                 | 1650       |
| 8000LB                              | 2975               | -                      | -                 | 2175       |
| 9000LB                              | 3350               | -                      | -                 | 2450       |
| 15000LB                             | 5575               | -                      | -                 | 4100       |

## FORGED STEEL LIFT CHECK VALVE – Bolted Cover

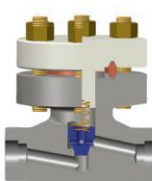
锻钢升降式止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS



| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 环垫 R-RING       | 304SS         |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.



## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~2" (3) 应用等级 Applicable Rating: Class 1500LB ~ 2500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★螺栓固定盖 Bolted Cover  
 ★缩径 / 全径 Reduce Bore / Full Bore

| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 5575               | -                      | -                 | 4100       |
| 2500LB                              | 9275               | -                      | -                 | 6800       |

## FORGED STEEL Y-CHECK VALVE – Bolted Cover

锻钢Y型止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS



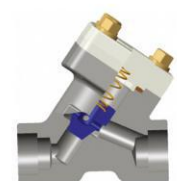
| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55; Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 1500LB ~ 1500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★螺栓固定盖 Bolted Cover ★缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |                   |            |
|-------------------------------------|--------------------|------------------------|-------------------|------------|
| 磅级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 阀座<br>SEAT (psig) |            |
|                                     | 水<br>WATER         | 水<br>WATER             | 空气<br>AIR         | 水<br>WATER |
| 1500LB                              | 450                | -                      | -                 | 325        |
| 3000LB                              | 1125               | -                      | -                 | 825        |
| 6000LB                              | 2225               | -                      | -                 | 1650       |
| 8000LB                              | 2975               | -                      | -                 | 2175       |
| 9000LB                              | 3350               | -                      | -                 | 2450       |
| 15000LB                             | 5575               | -                      | -                 | 4100       |

## FORGED STEEL Y-CHECK VALVE – Welded Cover

锻钢Y型止回阀 – 阀盖焊接连接



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR |
|-------------|----------------------------------|--------------------------------------|--------------------------------|
| 150LB       | 450                              |                                      | 325                            |
| 300LB       | 1125                             |                                      | 825                            |
| 600LB       | 2225                             |                                      | 1650                           |
| 800LB       | 2975                             | -                                    | 2175                           |
| 900LB       | 3350                             |                                      | 2450                           |
| 1500LB      | 5575                             |                                      | 4100                           |
| 2500LB      | 9275                             |                                      | 6800                           |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 2500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★阀盖焊接连接 Welded Cover  
★缩径 / 全径 Reduce Bore / Full Bore

## FORGED STEEL Y-TYPE STRAINER VALVE – Bolted Cover

锻钢Y型过滤器 – 螺栓固定盖



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES  | 材料 MATERIALS  |
|------------------|---------------|
| 阀体 BODY          | 注释 NOTE①      |
| 阀盖 BONNET        | 注释 NOTE①      |
| 垫片 GASKET        | 304+GRAPHITE  |
| 螺栓 COVER BOLT    | ASTM A193 B7  |
| 滤网 FILTER SCREEN | ASTM A240 304 |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR |
|-------------|----------------------------------|--------------------------------------|--------------------------------|
| 150LB       | 450                              |                                      | 325                            |
| 300LB       | 1125                             |                                      | 825                            |
| 600LB       | 2225                             |                                      | 1650                           |
| 800LB       | 2975                             | -                                    | 2175                           |
| 900LB       | 3350                             |                                      | 2450                           |
| 1500LB      | 5575                             |                                      | 4100                           |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B1.20.1/B16.25  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
★螺栓固定盖 Bolted Cover  
★缩径 / 全径 Reduce Bore / Full Bore

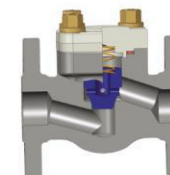
## FORGED STEEL FLANGED LIFT CHECK VALVE – Bolted Cover

锻钢法兰连接升降式止回阀 – 螺栓固定盖



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR |
|-------------|----------------------------------|--------------------------------------|--------------------------------|
| 150LB       | 450                              |                                      | 325                            |
| 300LB       | 1125                             |                                      | 825                            |
| 600LB       | 2225                             |                                      | 1650                           |
| 800LB       | 2975                             | -                                    | 2175                           |
| 900LB       | 3350                             |                                      | 2450                           |
| 1500LB      | 5575                             |                                      | 4100                           |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 法兰连接端 Flanged Type ★螺栓固定盖 Bolted Cover  
★缩径 Reduce Bore

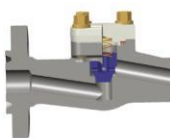
## FORGED STEEL FLANGED LIFT CHECK VALVE – Bolted Cover

锻钢法兰连接升降式止回阀 – 螺栓固定盖



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 垫片 GASKET       | 304+GRAPHITE  |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.压力试验 (A105)  
PRESSURE TEST (A105)

| 磅级<br>CLASS | 壳体<br>SHELL (psig)<br>水<br>WATER | 上密封<br>BACKSEAT (psig)<br>水<br>WATER | 阀座<br>SEAT (psig)<br>空气<br>AIR |
|-------------|----------------------------------|--------------------------------------|--------------------------------|
| 150LB       | 450                              |                                      | 325                            |
| 300LB       | 1125                             |                                      | 825                            |
| 600LB       | 2225                             |                                      | 1650                           |
| 800LB       | 2975                             | -                                    | 2175                           |
| 900LB       | 3350                             |                                      | 2450                           |
| 1500LB      | 5575                             |                                      | 4100                           |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:

- ★连接端类型 End Connection: 法兰连接端 Flanged Type ★螺栓固定盖 Bolted Cover  
★缩径 Reduce Bore

## FORGED STEEL FLANGED LIFT CHECK VALVE – Bolted Cover

锻钢法兰连接升降式止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS  |
|-----------------|---------------|
| 阀体 BODY         | 注释 NOTE①      |
| 阀盖 BONNET       | 注释 NOTE①      |
| 阀座 SEAT         | ASTM A105+HF  |
| 阀瓣 DISC         | ASTM A276 420 |
| 环垫 R-RING       | 304SS         |
| 螺栓 COVER BOLT   | ASTM A193 B7  |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:  
 ★ 连接端类型 End Connection: 法兰连接端 Flanged Type ★ 螺栓固定盖 Bolted Cover  
 ★ 缩径 Reduce Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 1500LB                              | 5575            | -                   | -              | 4100    |
| 2500LB                              | 9275            | -                   | -              | 6800    |

## FORGED STEEL SWING CHECK VALVE – Bolted Cover

锻钢旋启式止回阀 – 螺栓固定盖

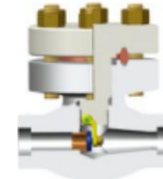
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 阀瓣 DISC         | ASTM A276 420    |
| 垫片 GASKET       | 304SS            |
| 螺栓 COVER BOLT   | ASTM A193 B7     |
| 摇臂 ROCKER       | ASTM A351 CF8    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B16.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:  
 ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★ 螺栓固定盖 Bolted Cover ★ 缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 1500LB                              | 5575            | -                   | -              | 4100    |
| 2500LB                              | 9275            | -                   | -              | 6800    |

## FORGED STEEL SWING CHECK VALVE – Bolted Cover

锻钢旋启式止回阀 – 螺栓固定盖

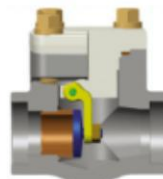
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 阀瓣 DISC         | ASTM A276 420    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 螺栓 COVER BOLT   | ASTM A193 B7     |
| 摇臂 ROCKER       | ASTM A351 CF8    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B16.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:  
 ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★ 螺栓固定盖 Bolted Cover ★ 缩径 / 全径 Reduce Bore / Full Bore



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 150LB                               | 450             | -                   | -              | 325     |
| 300LB                               | 1125            | -                   | -              | 825     |
| 600LB                               | 2225            | -                   | -              | 1650    |
| 800LB                               | 2975            | -                   | -              | 2175    |
| 900LB                               | 3350            | -                   | -              | 2450    |
| 1500LB                              | 5575            | -                   | -              | 4100    |

## FORGED STEEL SWING CHECK VALVE – Pressure-Seal Cover

锻钢旋启式止回阀 – 压力自紧式密封阀盖

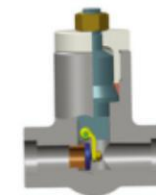
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 阀瓣 DISC         | ASTM A276 420    |
| 密封阀座 P.S SEAT   | 304SS            |
| 摇臂 ROCKER       | ASTM A351 CF8    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.11/B16.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 1500LB – 2500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features:  
 ★ 连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★ 压力自紧式密封阀盖 Pressure-Seal Cover ★ 缩径 / 全径 Reduce Bore / Full Bore



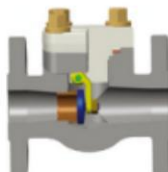
| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 1500LB                              | 5575            | -                   | -              | 4100    |
| 2500LB                              | 9275            | -                   | -              | 6800    |

FORGED STEEL FLANGED SWING CHECK VALVE – Bolted Cover  
锻钢法兰连接旋启式止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 阀瓣 DISC         | ASTM A276 420    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 螺栓 COVER BOLT   | ASTM A193 B7     |
| 摇臂 ROCKER       | ASTM A351 CF8    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |            |                   |
|-------------------------------------|--------------------|------------------------|------------|-------------------|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 水<br>WATER | 阀座<br>SEAT (psig) |
| 150LB                               | 450                |                        |            | 325               |
| 300LB                               | 1125               |                        |            | 825               |
| 600LB                               | 2225               |                        |            | 1650              |
| 800LB                               | 2975               |                        |            | 2175              |
| 900LB                               | 3350               |                        |            | 2450              |
| 1500LB                              | 5575               |                        |            | 4100              |

## 技术参数 SPECIFICATIONS

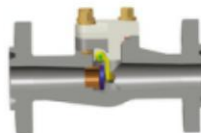
- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type ★ 螺栓固定盖 Bolted Cover  
★ 缩径 Reduce Bore

FORGED STEEL FLANGED SWING CHECK VALVE – Bolted Cover  
锻钢法兰连接旋启式止回阀 – 螺栓固定盖

## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES | 材料 MATERIALS     |
|-----------------|------------------|
| 阀体 BODY         | 注释 NOTE①         |
| 阀盖 BONNET       | 注释 NOTE①         |
| 阀座 SEAT         | ASTM A276 410+HF |
| 阀瓣 DISC         | ASTM A276 420    |
| 垫片 GASKET       | 304+GRAPHITE     |
| 螺栓 COVER BOLT   | ASTM A193 B7     |
| 摇臂 ROCKER       | ASTM A351 CF8    |

注释NOTE: ① A105; LF2; F5; F11; F22; F304(L); F316(L); F347; F321; F51; F55;  
Inconel; Monel; Hastelloy; etc.

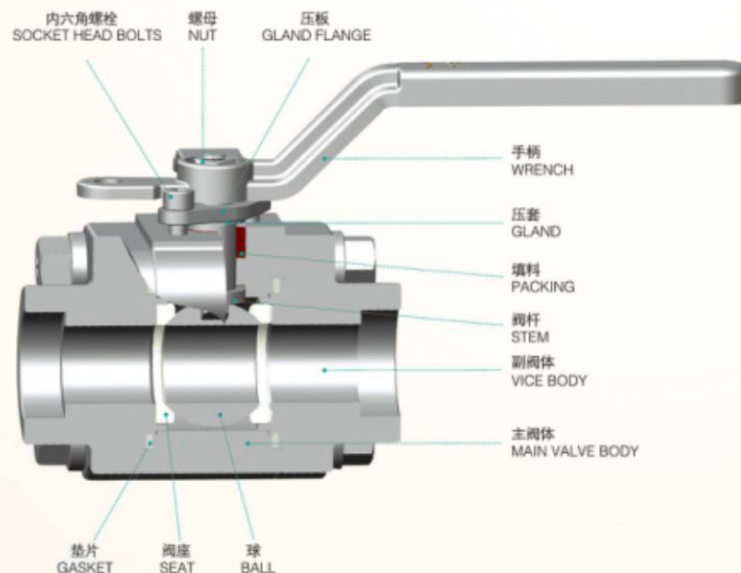


| 压力试验 (A105)<br>PRESSURE TEST (A105) |                    |                        |            |                   |
|-------------------------------------|--------------------|------------------------|------------|-------------------|
| 等级<br>CLASS                         | 壳体<br>SHELL (psig) | 上密封<br>BACKSEAT (psig) | 水<br>WATER | 阀座<br>SEAT (psig) |
| 150LB                               | 450                |                        |            | 325               |
| 300LB                               | 1125               |                        |            | 825               |
| 600LB                               | 2225               |                        |            | 1650              |
| 800LB                               | 2975               |                        |            | 2175              |
| 900LB                               | 3350               |                        |            | 2450              |
| 1500LB                              | 5575               |                        |            | 4100              |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 602, BS5352, ASME B16.34/B16.5  
(2) 阀门尺寸 Valve Size: 1/2"~4" (3) 应用等级 Applicable Rating: Class 150LB ~ 1500LB  
(4) 温度等级 Temperature Rating: Up to 500°C  
(5) 结构特征 Structure Features:  
★ 连接端类型 End Connection: 法兰连接端 Flanged Type ★ 螺栓固定盖 Bolted Cover  
★ 缩径 Reduce Bore

## 球阀 Ball Valve



## 瑞兴锻钢球阀有两种设计形式:

- (1) 二片式结构, 其中部螺纹连接, 以RPTFE或PEEK密封;  
(2) 三片式结构, 中部用螺栓连接。根据所选的阀座与垫片和填料的材料不同, 适应不同的工作温度和介质。

Ruixing forged steel ball valve is available in two different kinds of structure:

- (1) 2 Piece structure: Threaded bonnet, RPTFE or PEEK sealed;  
(2) 3 Piece structure: Bolted bonnet, different kinds of material for seats, gaskets and packing can be chosen according to different using conditions.

## FORGED STEEL SIDE ENTRY BALL VALVE – Free Floating Ball (3 Piece)

锻钢侧入口球阀 – 三片式自由浮动式

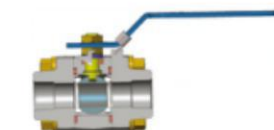
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS  |
|------------------------|---------------|
| 阀体 BODY                | 注释 NOTE①      |
| 阀盖 BONNET              | 注释 NOTE①      |
| 阀座 SEAT                | R-PTFE        |
| 球体 BALL                | ASTM A276 316 |
| 阀杆 STEM                | ASTM A276 316 |
| 垫片 GASKET              | 316+GRAPHITE  |
| 上密封垫片 BACK SEAT GASKET | PTFE          |
| 填料 PACKING             | GRAPHITE      |
| 手柄 WRENCH              | CARBON STEEL  |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB  
 (4) 温度等级 Temperature Rating: Up to 250°C  
 (5) 结构特征 Structure Features: ★3片式球体 3 Piece Body  
 ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating



| 等级 CLASS | 壳体 SHELL (psig) |        | 上密封 BACKSEAT (psig) |        | 阀座 SEAT (psig) |        |
|----------|-----------------|--------|---------------------|--------|----------------|--------|
|          | 水 WATER         | 空气 AIR | 水 WATER             | 空气 AIR | 水 WATER        | 空气 AIR |
| 150LB    | 450             |        |                     |        | 325            |        |
| 300LB    | 1125            |        |                     |        | 825            |        |
| 600LB    | 2225            |        |                     |        | 1650           |        |
| 800LB    | 2975            |        |                     | 90     | 2175           |        |
| 900LB    | 3350            |        |                     |        | 2450           |        |
| 1500LB   | 5575            |        |                     |        | 4100           |        |

## FORGED STEEL SIDE ENTRY BALL VALVE – Free Floating Ball (3 Piece)

锻钢侧入口球阀 – 三片式自由浮动式

## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS      |
|------------------------|-------------------|
| 阀体 BODY                | 注释 NOTE①          |
| 阀盖 BONNET              | 注释 NOTE①          |
| 阀座 SEAT                | ASTM A276 316+STL |
| 球体 BALL                | ASTM A276 316+STL |
| 阀杆 STEM                | ASTM A276 316     |
| 垫片 GASKET              | 316+GRAPHITE      |
| 上密封垫片 BACK SEAT GASKET | PTFE              |
| 填料 PACKING             | GRAPHITE          |
| 手柄 WRENCH              | CARBON STEEL      |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB  
 (4) 温度等级 Temperature Rating: Up to 500°C  
 (5) 结构特征 Structure Features: ★3片式球体 3 Piece Body  
 ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating



| 等级 CLASS | 壳体 SHELL (psig) |        | 上密封 BACKSEAT (psig) |        | 阀座 SEAT (psig) |        |
|----------|-----------------|--------|---------------------|--------|----------------|--------|
|          | 水 WATER         | 空气 AIR | 水 WATER             | 空气 AIR | 水 WATER        | 空气 AIR |
| 150LB    | 450             |        |                     |        | 325            |        |
| 300LB    | 1125            |        |                     |        | 825            |        |
| 600LB    | 2225            |        |                     |        | 1650           |        |
| 800LB    | 2975            |        |                     | 90     | 2175           |        |
| 900LB    | 3350            |        |                     |        | 2450           |        |
| 1500LB   | 5575            |        |                     |        | 4100           |        |

## FORGED STEEL SIDE ENTRY BALL VALVE – Free Floating Ball (2 Piece)

锻钢侧入口球阀 – 两片式自由浮动式

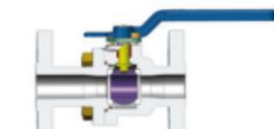
## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS  |
|------------------------|---------------|
| 阀体 BODY                | 注释 NOTE①      |
| 阀盖 BONNET              | 注释 NOTE①      |
| 阀座 SEAT                | R-PTFE        |
| 球体 BALL                | ASTM A276 316 |
| 阀杆 STEM                | ASTM A276 316 |
| 垫片 GASKET              | 316+GRAPHITE  |
| 上密封垫片 BACK SEAT GASKET | PTFE          |
| 填料 PACKING             | GRAPHITE      |
| 手柄 WRENCH              | CARBON STEEL  |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 1500LB  
 (4) 温度等级 Temperature Rating: Up to 250°C  
 (5) 结构特征 Structure Features: ★2片式球体 2 Piece Body ★连接端类型 End Connection: 法兰连接端 Flanged Type  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating



| 等级 CLASS | 壳体 SHELL (psig) |        | 上密封 BACKSEAT (psig) |        | 阀座 SEAT (psig) |        |
|----------|-----------------|--------|---------------------|--------|----------------|--------|
|          | 水 WATER         | 空气 AIR | 水 WATER             | 空气 AIR | 水 WATER        | 空气 AIR |
| 150LB    | 450             |        |                     |        | 325            |        |
| 300LB    | 1125            |        |                     |        | 825            |        |
| 600LB    | 2225            |        |                     |        | 1650           |        |
| 800LB    | 2975            |        |                     | 90     | 2175           |        |
| 900LB    | 3350            |        |                     |        | 2450           |        |
| 1500LB   | 5575            |        |                     |        | 4100           |        |

## FORGED STEEL SIDE ENTRY CRYOGENIC BALL VALVE – Free Floating Ball (3 Piece)

锻钢侧入口低温球阀 – 三片式自由浮动式

## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS  |
|------------------------|---------------|
| 阀体 BODY                | 注释 NOTE①      |
| 阀盖 BONNET              | 注释 NOTE①      |
| 阀座 SEAT                | PTFE          |
| 球体 BALL                | ASTM A276 316 |
| 阀杆 STEM                | ASTM A276 316 |
| 垫片 GASKET              | 316+GRAPHITE  |
| 上密封垫片 BACK SEAT GASKET | PTFE          |
| 填料 PACKING             | GRAPHITE      |
| 手柄 WRENCH              | CARBON STEEL  |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 2500LB  
 (4) 温度等级 Temperature Rating: Down To –196°C  
 (5) 结构特征 Structure Features: ★3片式球体 3 Piece Body  
 ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating



| 等级 CLASS | 壳体 SHELL (psig) |        | 上密封 BACKSEAT (psig) |        | 阀座 SEAT (psig) |        |
|----------|-----------------|--------|---------------------|--------|----------------|--------|
|          | 水 WATER         | 空气 AIR | 水 WATER             | 空气 AIR | 水 WATER        | 空气 AIR |
| 150LB    | 450             |        |                     |        | 325            |        |
| 300LB    | 1125            |        |                     |        | 825            |        |
| 600LB    | 2225            |        |                     |        | 1650           |        |
| 800LB    | 2975            |        |                     | 90     | 2175           |        |
| 900LB    | 3350            |        |                     |        | 2450           |        |
| 1500LB   | 5575            |        |                     |        | 4100           |        |
| 2500LB   | 9275            |        |                     |        | 6800           |        |

## FORGED STEEL SIDE ENTRY BALL VALVE – Free Floating Ball (3 Piece)

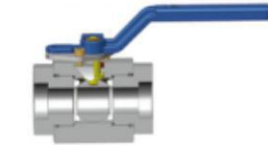
锻钢侧入口球阀 – 三片式自由浮动式



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS  |
|------------------------|---------------|
| 阀体 BODY                | 注释 NOTE:①     |
| 阀盖 BONNET              | 注释 NOTE:①     |
| 阀座 SEAT                | R-PTFE        |
| 球体 BALL                | ASTM A276 316 |
| 阀杆 STEM                | ASTM A276 316 |
| O型密封圈 O-RING           | NBR           |
| 上密封垫片 BACK SEAT GASKET | PTFE          |
| 填料 PACKING             | GRAPHITE      |
| 手柄 WRENCH              | CARBON STEEL  |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 150LB                               | 450             |                     |                | 325     |
| 300LB                               | 1125            |                     |                | 825     |
| 600LB                               | 2225            |                     |                | 1650    |
| 800LB                               | 2975            | -                   | 90             | 2175    |
| 900LB                               | 3350            |                     |                | 2450    |
| 1500LB                              | 5575            |                     |                | 4100    |
| 2500LB                              | 9275            |                     |                | 6800    |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 2500LB  
 (4) 温度等级 Temperature Rating: Up to 250°C  
 (5) 结构特征 Structure Features: ★3片式体型 3 Piece Body  
 ★连接端类型 End Connection: 螺纹, 承插焊或对焊连接端 Threaded, Socket-Welded or Butt-Welded  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating

## FORGED STEEL SIDE ENTRY BALL VALVE – Free Floating Ball (2 Piece)

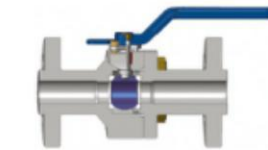
锻钢侧入口球阀 – 两片式自由浮动式



## 材料标准 STANDARD MATERIALS

| 零件名称 PART NAMES        | 材料 MATERIALS  |
|------------------------|---------------|
| 阀体 BODY                | 注释 NOTE:①     |
| 阀盖 BONNET              | 注释 NOTE:①     |
| 阀座 SEAT                | R-PTFE        |
| 球体 BALL                | ASTM A276 316 |
| 阀杆 STEM                | ASTM A276 316 |
| O型密封圈 O-RING           | NBR           |
| 上密封垫片 BACK SEAT GASKET | PTFE          |
| 填料 PACKING             | GRAPHITE      |
| 手柄 WRENCH              | CARBON STEEL  |

注释NOTE: ① A105, LF2, F5, F11, F22, F304(L), F316(L), F347, F321, F51, F55, Inconel, Monel, Hastelloy, etc.



| 压力试验 (A105)<br>PRESSURE TEST (A105) |                 |                     |                |         |
|-------------------------------------|-----------------|---------------------|----------------|---------|
| 等级 CLASS                            | 壳体 SHELL (psig) | 上密封 BACKSEAT (psig) | 阀座 SEAT (psig) |         |
|                                     | 水 WATER         | 水 WATER             | 空气 AIR         | 水 WATER |
| 150LB                               | 450             |                     |                | 325     |
| 300LB                               | 1125            |                     |                | 825     |
| 600LB                               | 2225            |                     |                | 1650    |
| 800LB                               | 2975            | -                   | 90             | 2175    |
| 900LB                               | 3350            |                     |                | 2450    |
| 1500LB                              | 5575            |                     |                | 4100    |
| 2500LB                              | 9275            |                     |                | 6800    |

## 技术参数 SPECIFICATIONS

- (1) 设计制造标准 Design & Manufacture Conform to: API 608, BS5351, ASME B16.34/B16.11/B1.20.1/B16.25  
 (2) 阀门尺寸 Valve Size: 1/2"–4" (3) 应用等级 Applicable Rating: Class 150LB – 2500LB  
 (4) 温度等级 Temperature Rating: Up to 250°C  
 (5) 结构特征 Structure Features: ★2片式体型 2 Piece Body ★连接端类型 End Connection: 法兰连接端 Flanged Type  
 ★自由浮动式 Floating Ball Type ★缩径/全径 Reduce Bore / Full Bore  
 ★防火结构 Fire Safety Construction (API 607) ★手动操作 Manual Operating

## 位号对照表 Number Chart

示例: 球阀, 1", 800LB, 阀盖螺栓连接, 承插焊连接, 阀体材料A105, 内件NO.8  
 Example: Gate, 1", 800LB, Bolted Bonnet, Socket-Welded, Body material A105, Trim NO.8

|   |    |   |   |   |      |   |
|---|----|---|---|---|------|---|
| G | 25 | 8 | B | S | A105 | 8 |
| ① | ②  | ③ | ④ | ⑤ | ⑥    | ⑦ |

## ① 阀门类型 Valve Type

| 类型 Type | 闸阀 Gate Valve | 截止阀 Globe Valve | 升降式止回阀 Lift Check Valve | 旋启式止回阀 Swing Check Valve | Y型截止阀 Y-Globe Valve | Y型止回阀 Y-Check Valve | 球阀 Ball Valve | 过滤器 Strainer |
|---------|---------------|-----------------|-------------------------|--------------------------|---------------------|---------------------|---------------|--------------|
| 代号 Code | G             | GL              | P                       | S                        | YGL                 | YP                  | Q             | R            |

## ② 阀门尺寸 Valve size

| 英寸 Inch | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4"  |
|---------|------|------|------|------|----|--------|--------|----|--------|----|-----|
| 代号 Code | 8    | 10   | 15   | 20   | 25 | 32     | 40     | 50 | 65     | 80 | 100 |

## ③ 公称压力 Nominal Pressure

| 等级 Class | 150 | 300 | 600 | 800 | 900 | 1500 | 2500 |
|----------|-----|-----|-----|-----|-----|------|------|
| 代号 Code  | 1   | 3   | 6   | 8   | 9   | 15   | 25   |

## ④ 结构形式 Structural Type

| 类型 Type | 阀盖螺栓连接 Bolted Bonnet | 阀盖焊接连接 Welded Bonnet | 自密封连接 Pressure-Seal Bonnet |
|---------|----------------------|----------------------|----------------------------|
| 代号 Code | B                    | W                    | P                          |

## ⑤ 端部类型 End Connection

| 类型 Type | 承插焊连接 Socket-Welded | 螺纹连接 Threaded | 对焊连接 Butt-Welded | 螺纹承插焊连接 Threaded x Socket-Welded | 凸面法兰 Rise Flange | RTJ法兰 RTJ Flange |
|---------|---------------------|---------------|------------------|----------------------------------|------------------|------------------|
| 代号 Code | S                   | T             | B                | ST                               | R                | J                |

## ⑥ 阀体材料 Body Material

|      |     |     |     |     |      |       |            |    |
|------|-----|-----|-----|-----|------|-------|------------|----|
| A105 | LF2 | F11 | F22 | F91 | F304 | F304L | F316/F316L | 其他 |
|------|-----|-----|-----|-----|------|-------|------------|----|

## ⑦ 内件材料 Trim Material

| 密封材料代号 Surface Material Code | 阀座密封面 Disc Surface | 阀座密封面 Seat Surface | 阀杆 Stem  |
|------------------------------|--------------------|--------------------|----------|
| 1                            | A276 420           | A276 410           | A276 410 |
| 2                            | A276 304           | A276 304           | A276 304 |
| 2H                           | CoCrA              | CoCrA              | A276 304 |
| 2S                           | A276 304           | CoCrA              | A276 304 |
| 5                            | CoCrA              | CoCrA              | A276 410 |
| 8                            | A276 420           | CoCrA              | A276 410 |
| 9                            | Monel              | Monel              | Monel    |
| 10                           | A276 316           | A276 316           | A276 316 |
| 10H                          | CoCrA              | CoCrA              | A276 316 |
| 11                           | Monel              | CoCrA              | Monel    |
| 12                           | A276 316           | CoCrA              | A276 316 |
| 13                           | Alloy 20           | Alloy 20           | Alloy 20 |
| 14                           | Alloy 20           | Alloy 20+CoCrA     | Alloy 20 |