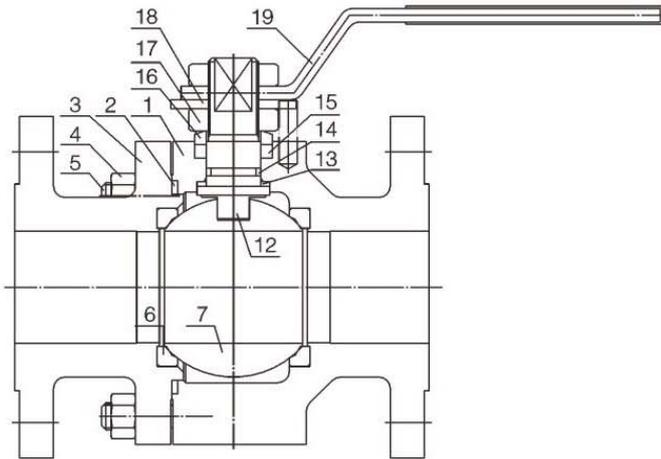


## 浮动球阀 Floating Ball Valve

### Class 150/300 锻钢浮动球阀

### Class 150/300 Forged Steel Floating Ball Valve



### 应用规范

压力-温度等级: ASME B16.34、BS5351

阀体壁厚: ASME B16.34、BS5351

阀门流道直径: API 6D、BS5351

结构长度: ASME B16.10、BS5351

法兰尺寸: ASME B16.5、BS2080

测试检查: API 598、API 6D、BS5146

阀体材料: ASTM A105、A350 LF2、A350 LF3、  
A182 F304、A182 F316、A182 F304L、  
A182 F316L、A182 F11、A182 F22

### Technical Specification

Temp. & pressure: ASME B16.34、BS5351

Wall thickness: ASME B16.34、BS5351

Bore dimension: API 6D、BS5351

Face to face: ASME B16.10、BS5351

Flanges dimensions: ASME B16.5、BS2080

Test & inspection: API 598、API 6D、BS5146

Body material: ASTM A105、A350 LF2、  
A350 LF3、A182 F304、A182 F316、  
A182 F304L、A182 F316L、A182 F11、  
A182 F22

### 主要零部件材料 Form of Major Parts Material

| 序号<br>No. | 零件名称<br>Parts Name | 材料 Materials      |                       |                       |
|-----------|--------------------|-------------------|-----------------------|-----------------------|
|           |                    | 碳钢系列 Carbon Steel | 低温钢系列 Low Temp. Steel | 不锈钢系列 Stainless Steel |
| 1         | 阀体 Body            | ASTM A105         | ASTM A350 LF2         | ASTM A182 F316        |
| 2         | O型密封圈 O-ring       | VTION             | VTION                 | VTION                 |
| 3         | 阀盖 Cap             | ASTM A105         | ASTM A350 LF2         | ASTM A182 F316        |
| 4         | 螺母 Nut             | ASTM A194-2H/2HM  | ASTM A194-4           | ASTM A194-8/8M        |
| 5         | 螺栓 Stud            | ASTM A193-B7/B7M  | ASTM A320-L7          | ASTM A193-B8/B8M      |
| 6         | 阀座 Seat            | PTFE              | PTFE                  | PTFE                  |
| 7         | 球 Ball             | ASTM A105+ENP     | ASTM A350 LF2+ENP     | ASTM A182 F316        |
| 12        | 阀杆 Stem            | ASTM A182-F6a     | ASTM A182 F6a         | ASTM A182 F316        |
| 13        | 阀杆垫片 Stem washer   | 304+PTFE          | 304+PTFE              | 304+PTFE              |
| 14        | O型密封圈 O-ring       | VTION             | VTION                 | VTION                 |
| 15        | 填料 Packing         | PTFE/Graphite     | PTFE/Graphite         | PTFE/Graphite         |
| 16        | 填料压套 Gland         | 碳钢 Carbon Steel   | 碳钢 Carbon Steel       | 不锈钢 Stainless Steel   |
| 17        | 螺母 Nut             | ASTM A194-2H/2HM  | ASTM A194-4           | ASTM A194-8/8M        |
| 18        | 限位块 Stopper plate  | 碳钢 Carbon Steel   | 碳钢 Carbon Steel       | 碳钢 Carbon Steel       |
| 19        | 手柄 Lever           | 碳钢 Carbon Steel   | 碳钢 Carbon Steel       | 碳钢 Carbon Steel       |

# 球阀系列/BALL VALVE SERIES

## 浮动球阀 Floating Ball Valve

**Class 150尺寸表 Dimension Chart**

(mm)

| Norm. Dia.        | in | 1/2 | 3/4 | 1   | 1 1/2 | 2   | 2 1/2 | 3   | 4   | 5   | 6    | 8   | 10  |
|-------------------|----|-----|-----|-----|-------|-----|-------|-----|-----|-----|------|-----|-----|
|                   | mm | 15  | 20  | 25  | 40    | 50  | 65    | 80  | 100 | 125 | 150  | 200 | 250 |
| 流孔直径<br>Ball Bore |    | 15  | 20  | 25  | 40    | 50  | 65    | 80  | 100 | 125 | 150  | 200 | 250 |
| L                 |    | 108 | 117 | 127 | 165   | 178 | 190   | 203 | 229 | 356 | 394  | 457 | 533 |
| H                 |    | 84  | 88  | 95  | 120   | 140 | 160   | 180 | 208 | 220 | 335  |     |     |
| W                 |    | 130 | 130 | 140 | 250   | 250 | 400   | 400 | 450 | 450 | 1050 |     |     |

1/2" ~ 4": 手柄操作 Lever operation

6" ~ 8": 手柄操作、蜗轮操作供客户选择 Lever or gear operation

10": 蜗轮操作 Gear operation

试验压力 Test pressure

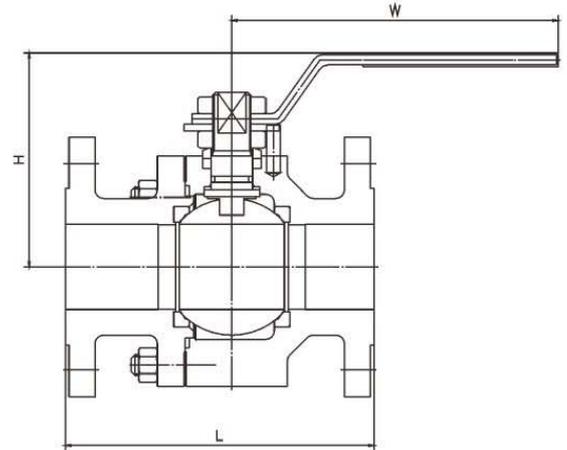
强度(液) Shell(Hydrostatic): 3.10MPa(450psi)

密封(气) Seat(Air): 0.55MPa(80psi)

密封(液) Seat(Hydrostatic): 2.17MPa(310psi)

填料和密封垫片材料按客户要求  
Packing and gasket accordance with the requirements of clients.

球体和阀杆按客户要求 Ball and stem accordance with the requirements of clients.



Class 150

**Class 300尺寸表 Dimension Chart**

(mm)

| Norm. Dia.        | in | 1/2 | 3/4 | 1   | 1 1/2 | 2   | 2 1/2 | 3   | 4   | 5   | 6    | 8   |
|-------------------|----|-----|-----|-----|-------|-----|-------|-----|-----|-----|------|-----|
|                   | mm | 15  | 20  | 25  | 40    | 50  | 65    | 80  | 100 | 125 | 150  | 200 |
| 流孔直径<br>Ball Bore |    | 15  | 20  | 25  | 40    | 50  | 65    | 80  | 100 | 125 | 150  | 200 |
| L                 |    | 140 | 152 | 165 | 191   | 216 | 241   | 283 | 305 | 381 | 403  | 502 |
| H                 |    | 84  | 88  | 95  | 120   | 140 | 160   | 180 | 208 | 220 | 335  |     |
| W                 |    | 130 | 130 | 140 | 250   | 250 | 400   | 400 | 450 | 450 | 1050 |     |

1/2" ~ 4": 手柄操作 Lever operation

6" ~ 8": 手柄操作、蜗轮操作供客户选择 Lever or gear operation

10": 蜗轮操作 Gear operation

试验压力 Test pressure

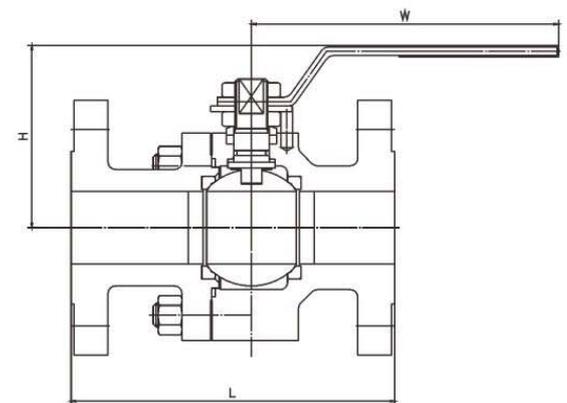
强度(液) Shell(Hydrostatic): 7.76MPa(1125psi)

密封(气) Seat(Air): 0.55MPa(80psi)

密封(液) Seat(Hydrostatic): 5.62MPa(815psi)

填料和密封垫片材料按客户要求  
Packing and gasket accordance with the requirements of clients.

球体和阀杆按客户要求 Ball and stem accordance with the requirements of clients.



Class 300