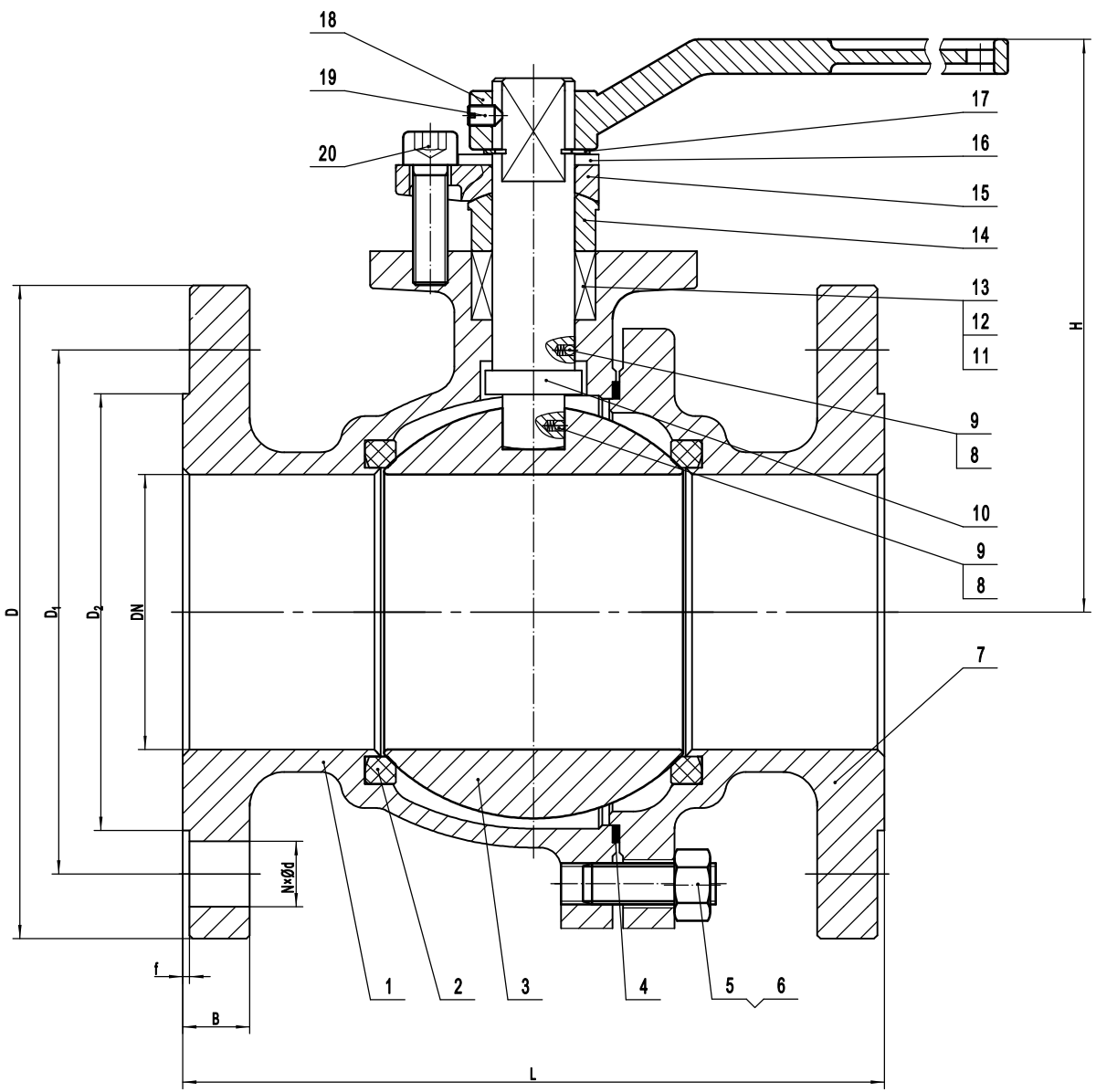


## SPECIFICATION

| | | |
|---|---|---|
| SIZE(INCH) | $\frac{1}{2}$"~6" | |
| PRESSURE | 150Lb | |
| SUIT TEMP ℃ | ≤150 | |
| TEST PRESSURE MPa | SEAL(WATER) | 2.2 |
| | SHELL(WATER) | 3 |
| | BACK SEAL(WATER) | |
| | LOW PRESSURE SEAL (GAS) | 0.4~0.7 |
| SUIT MEDIUM | WATER,VAPOUR,OIL AND NITRIC ACID CORROSIVE LIQUIDS | |

## TECHNICAL REQUIREMENT

1.DESIGN AND MANUFACTURE: API 6D;
2.FACE TO FACE: ASME B16.10;
3.FLANGE END: ASME B16.5;
4.TEST AND INSPECT: API 598;

| SIZE \ ITEM | DN | $D_2$ | $D_1$ | D | f | B | N×Ød | T | H | L |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/2" | 15 | 35 | 60.5 | 89 | 1.6 | 12.8 | 4×16 | 3.7 | 76 | 108±2 |
| 3/4" | 20 | 43 | 70 | 98 | 1.6 | 14.3 | 4×16 | 4 | 84 | 117±2 |
| 1" | 25 | 51 | 79.5 | 110 | 1.6 | 14.3 | 4×16 | 4.2 | 90 | 127±2 |
| 1 1/4" | 32 | 64 | 89 | 115 | 1.6 | 15.9 | 4×16 | 4.8 | 103 | 140±2 |
| 1 1/2" | 40 | 73 | 98.5 | 125 | 1.6 | 17.5 | 4×16 | 4.8 | 113 | 165±2 |
| 2" | 50 | 92 | 120.4 | 150 | 1.6 | 19.1 | 4×19 | 5 | 125 | 178±2 |
| 2 1/2" | 65 | 105 | 139.7 | 180 | 1.6 | 22.5 | 4×19 | 5.5 | 148 | 190±2 |
| 3" | 80 | 127 | 152.4 | 190 | 1.6 | 24 | 4×19 | 5.5 | 167 | 203±2 |
| 4" | 100 | 157 | 190.5 | 230 | 1.6 | 24.5 | 8×19 | 6 | 213 | 229±2 |
| 5" | 125 | 186 | 215.9 | 255 | 1.6 | 24.5 | 8×22 | 6.4 | 267 | 356±2 |
| 6" | 150 | 216 | 241.3 | 280 | 1.6 | 26 | 8×22 | 7 | 275 | 394±2 |

| NO. | | NAME | | MATERIAL | REMARK |
|---|---|---|---|---|---|
| 20 | | SCREW | | ASTM A276 304 | |
| 19 | | SCREW | | STEEL #35 | |
| 18 | | LEVER | | ASTM A536 65-45-12/WCB | |
| 17 | | SHAFT RING | | ASTM A276 304 | |
| 16 | | 限位板 | | ASTM A276 304 | |
| 15 | | 填料压板 | | ASTM A 351/A 351M CF8 | |
| 14 | | GLAND | | ASTM A 965/A 965M F304 | |
| 13 | | PACKING | | PTFE | |
| 12 | | PACKING | | PTFE | |
| 11 | | PACKING | | PTFE | |
| 10 | | STEM | | ASTM A 965/A 965M F304 | |
| 9 | | SPRING | | ASTM A 965/A 965M F304 | |
| 8 | | STEEL BALL | | ASTM A 965/A 965M F304 | |
| 7 | | BODY | | ASTM A 351/A 351M CF8 | |
| 6 | | STUD BOLT | | ASTM A276 304 | |
| 5 | | NUT | | ASTM A276 304 | |
| 4 | | BONNET GASKET | | PTFE | |
| 3 | | BALL | | ASTM A 965/A 965M F304 | |
| 2 | | SEAL RING | | PTFE | |
| 1 | | BODY | | ASTM A 351/A 351M CF8 | |

YUANDA VALVE GROUP CO.,LTD.

API STAINLESS STEEL BALL VALVE

YDBA SS-150Lb(P)