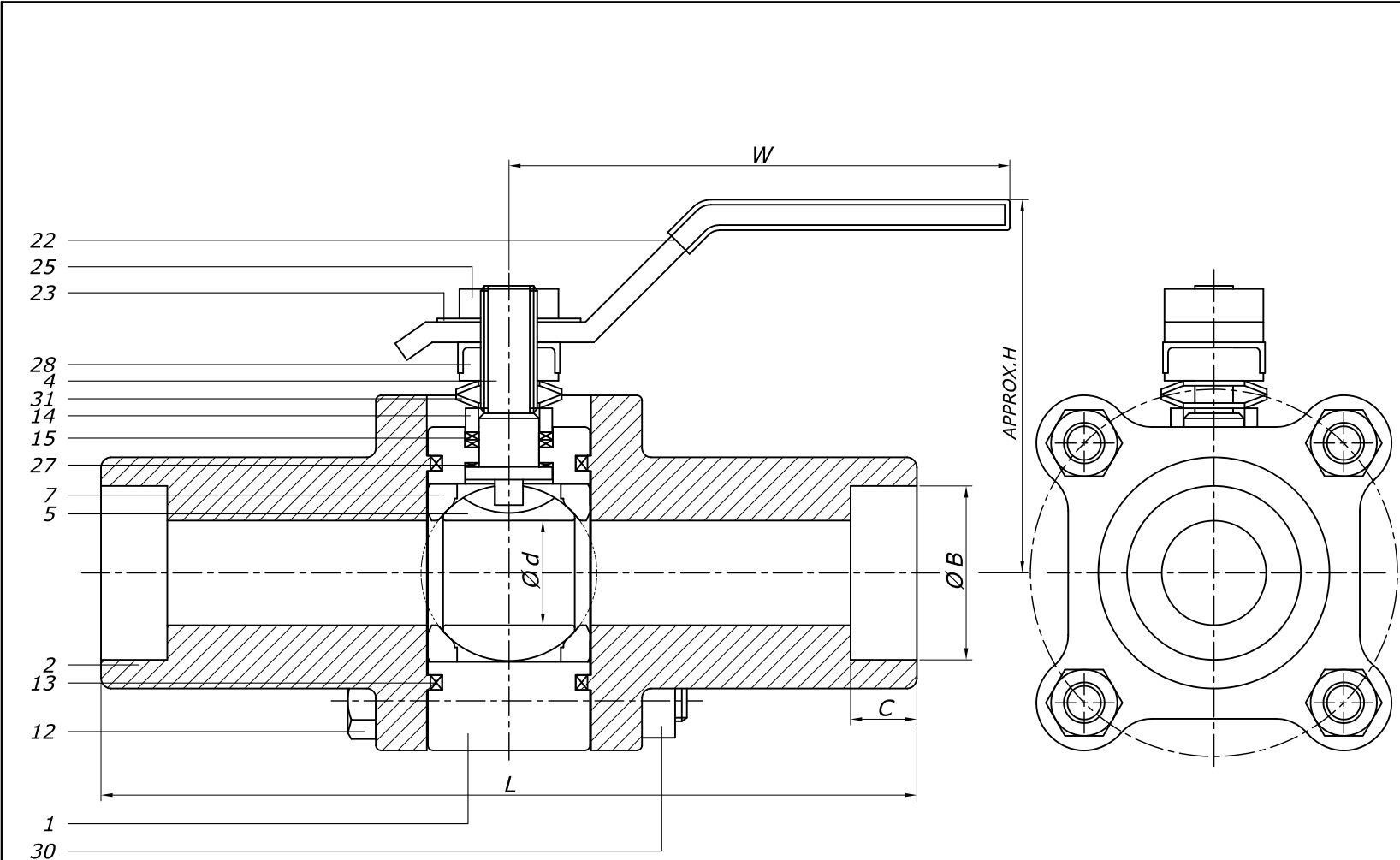




DIMENSIONS (UNIT: mm)

| SIZE   |     | L   | H  | W   | Ød   | ØB    | C  |  | WEIGHT(kg) | Q'TY |
|--------|-----|-----|----|-----|------|-------|----|--|------------|------|
| 1/2"   | 15A | 150 | 62 | 150 | 14.2 | 22.00 | 10 |  | 1.6        |      |
| 3/4"   | 20A | 150 | 62 | 150 | 14.2 | 27.40 | 13 |  | 1.6        |      |
| 1"     | 25A | 160 | 74 | 180 | 20.5 | 34.10 | 13 |  | 2.7        |      |
| 1 1/4" | 32A | 180 | 88 | 255 | 31.6 | 42.90 | 13 |  | 5.3        |      |
| 1 1/2" | 40A | 180 | 88 | 255 | 31.6 | 49.00 | 13 |  | 5.2        |      |
| 2"     | 50A | 190 | 93 | 255 | 38.0 | 61.45 | 16 |  | 6.9        |      |

|                    |                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------|
|                    |                                                                                                                     |
|                    |                                                                                                                     |
|                    |                                                                                                                     |
|                    |                                                                                                                     |
|                    |                                                                                                                     |
| PAINING OR COATING | <input type="checkbox"/> PHOSPHATIZED<br><input checked="" type="checkbox"/> NONE<br><input type="checkbox"/> OTHER |

| BILL OF MATERIALS |                |           |      |        |
|-------------------|----------------|-----------|------|--------|
| NO.               | PART NAME      | MATERIAL  | Q'TY | REMARK |
| 1                 | Body           | A182-F316 | 1    | -      |
| 2                 | Body Cap       | A182-F316 | 2    | -      |
| 4                 | Stem           | A276-316  | 1    | -      |
| 5                 | Ball           | A276-316  | 1    | -      |
| 7                 | Seat           | PTFE      | 2    | -      |
| 12                | Cap Bolt       | A193-B8   | 1Set | or EQ  |
| 13                | Gasket         | PTFE      | 2    | -      |
| 14                | Gland          | A276-316  | 1    | -      |
| 15                | Gland Packing  | RTFE      | 1Set | -      |
| 22                | Handle         | 304SS     | 1    | -      |
| 23                | Nameplate      | ALUMINIUM | 1    | -      |
| 25                | Handle Nut     | A276-304  | 1    | -      |
| 27                | Thrust Bearing | RTFE      | 1    | -      |
| 28                | Stem Nut       | A276-304  | 1    | -      |
| 30                | Cap Nut        | A194-8    | 1Set | or EQ  |
| 31                | Conical Spring | A240-304  | 2    | -      |
|                   |                |           |      |        |
|                   |                |           |      |        |
|                   |                |           |      |        |
|                   |                |           |      |        |
|                   |                |           |      |        |

NOTE

1. VALVE DESIGN: ASME B16.34  
2. END CONNECTION: ASME B16.11  
3. HYDROSTATIC TEST (API 598)  
Shell: 149 Bar  
Pneumatic Seat Test: 6 Bar

| NO.      | DATE     | DESCRIPTION                                                      | DRA.    | CHK.              | APP. |
|----------|----------|------------------------------------------------------------------|---------|-------------------|------|
| TITLE    |          | CLASS 600 , A182-F316/316 , SW 3-PIECE BALL VALVE(FLOATING TYPE) |         |                   |      |
| APP.     | CHK.     | DRA.                                                             | SCALE   | NON               |      |
| S.J.BANG | J.Y.JANG | W.G.LEE                                                          | DATE    | 2025.07.01        |      |
|          |          |                                                                  | DWG NO. | DEV-BM600-F316-SW |      |

