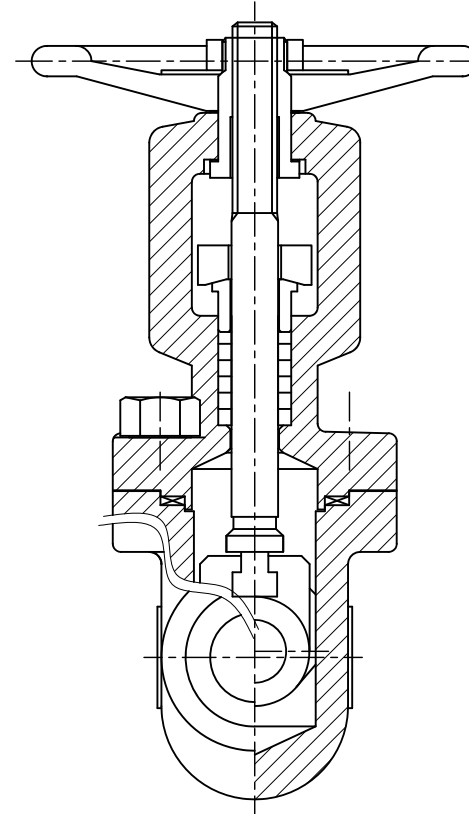
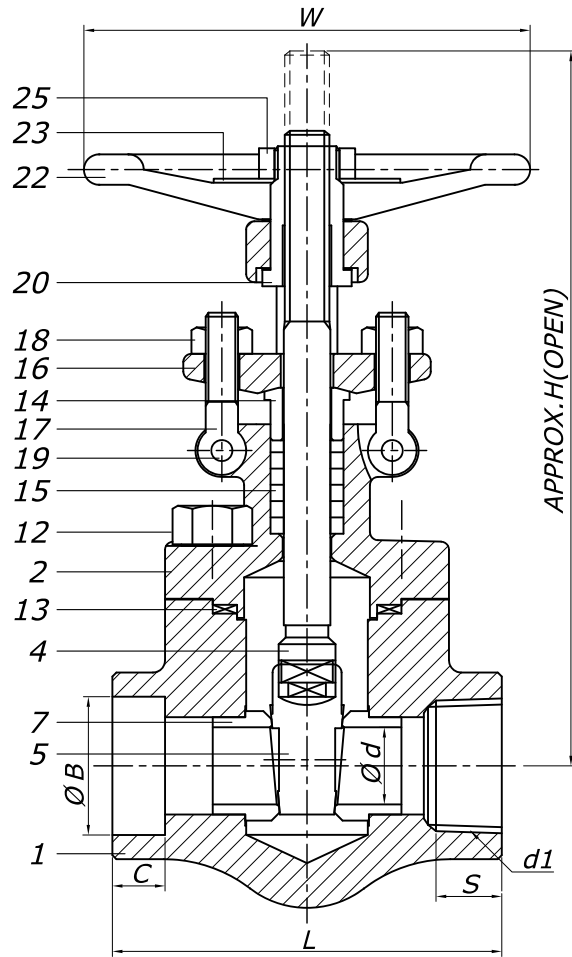




## BILL OF MATERIALS

| NO. | PART NAME      | MATERIAL       | Q'TY | REMARK   |
|-----|----------------|----------------|------|----------|
| 1   | Body           | A182-F316      | 1    | -        |
| 2   | Bonnet         | A182-F316      | 1    | -        |
| 4   | Stem           | A276-316       | 1    | -        |
| 5   | Disc           | A351-CF8M      | 1    | STELLITE |
| 7   | Seat Ring      | A276-316       | 2    | STELLITE |
| 12  | Bonnet Bolt    | A193-B8        | 4    | or EQ    |
| 13  | Gasket         | 316SS+GRAPHITE | 1    | -        |
| 14  | Gland          | A276-304       | 1    | -        |
| 15  | Gland Packing  | GRAPHITE       | 1Set | -        |
| 16  | Gland Flange   | A182-F304      | 1    | -        |
| 17  | Gland Bolt     | A193-B8        | 2    | or EQ    |
| 18  | Gland Bolt Nut | A194-8         | 2    | or EQ    |
| 19  | Gland Bolt Pin | A276-304       | 2    | -        |
| 20  | Sleeve         | A276/A479-410  | 1    | -        |
| 22  | Hand Wheel     | A197           | 1    | -        |
| 23  | Name Plate     | ALUMINUM       | 1    | -        |
| 25  | Hand Wheel Nut | SS400+Zn PLATE | 1    | -        |
|     |                |                |      |          |
|     |                |                |      |          |
|     |                |                |      |          |

## NOTE

1. VALVE DESIGN: API 602
2. END CONNECTION: ASME B16.11
3. HYDROSTATIC TEST(API 598)  
Shell: 373 Bar  
Pneumatic Seat Test: 6 Bar

## DIMENSIONS (UNIT: mm)

| SIZE   |     | L   | H   | W   | Ød | S    | d1              | ØB    | C  |  | WEIGHT(kg) | Q'TY |
|--------|-----|-----|-----|-----|----|------|-----------------|-------|----|--|------------|------|
| 1/2"   | 15A | 96  | 178 | 105 | 13 | 13.6 | 1/2-14NPT       | 22.00 | 10 |  | 2.5        |      |
| 3/4"   | 20A | 96  | 178 | 105 | 13 | 13.9 | 3/4-14NPT       | 27.40 | 13 |  | 2.5        |      |
| 1"     | 25A | 121 | 210 | 125 | 19 | 17.3 | 1-11 1/2NPT     | 34.10 | 13 |  | 4.7        |      |
| 1 1/4" | 32A | 141 | 222 | 125 | 25 | 18.0 | 1 1/4-11 1/2NPT | 42.90 | 13 |  | 6.0        |      |
| 1 1/2" | 40A | 161 | 257 | 150 | 30 | 18.4 | 1 1/2-11 1/2NPT | 49.00 | 13 |  | 9.5        |      |
| 2"     | 50A | 172 | 292 | 150 | 37 | 19.2 | 2-11 1/2NPT     | 61.45 | 16 |  | 11.8       |      |

PAINTING  
OR  
COATING

- ☐ PHOSPHATIZED  
☒ NONE  
☐ OTHER

| NO.      | DATE     | DESCRIPTION                                                 | DRA.    | CHK.                  | APP. |
|----------|----------|-------------------------------------------------------------|---------|-----------------------|------|
| TITLE    |          | CLASS 1500 , A182-F316/316<br>GATE VALVE , B.B, OS&Y,SWxNPT |         |                       |      |
| APP.     | CHK.     | DRA.                                                        | SCALE   | NON                   |      |
| S.J.BANG | J.Y.JANG | W.G.LEE                                                     | DATE    | 2025.07.01            |      |
|          |          |                                                             | DWG NO. | DE-CLASS-1500-316-001 |      |


**동은밸브(주)**  
**DONG EUN VALVE CO.,LTD.**  
 (주)  **DONG KANG METAL CO.,LTD.**