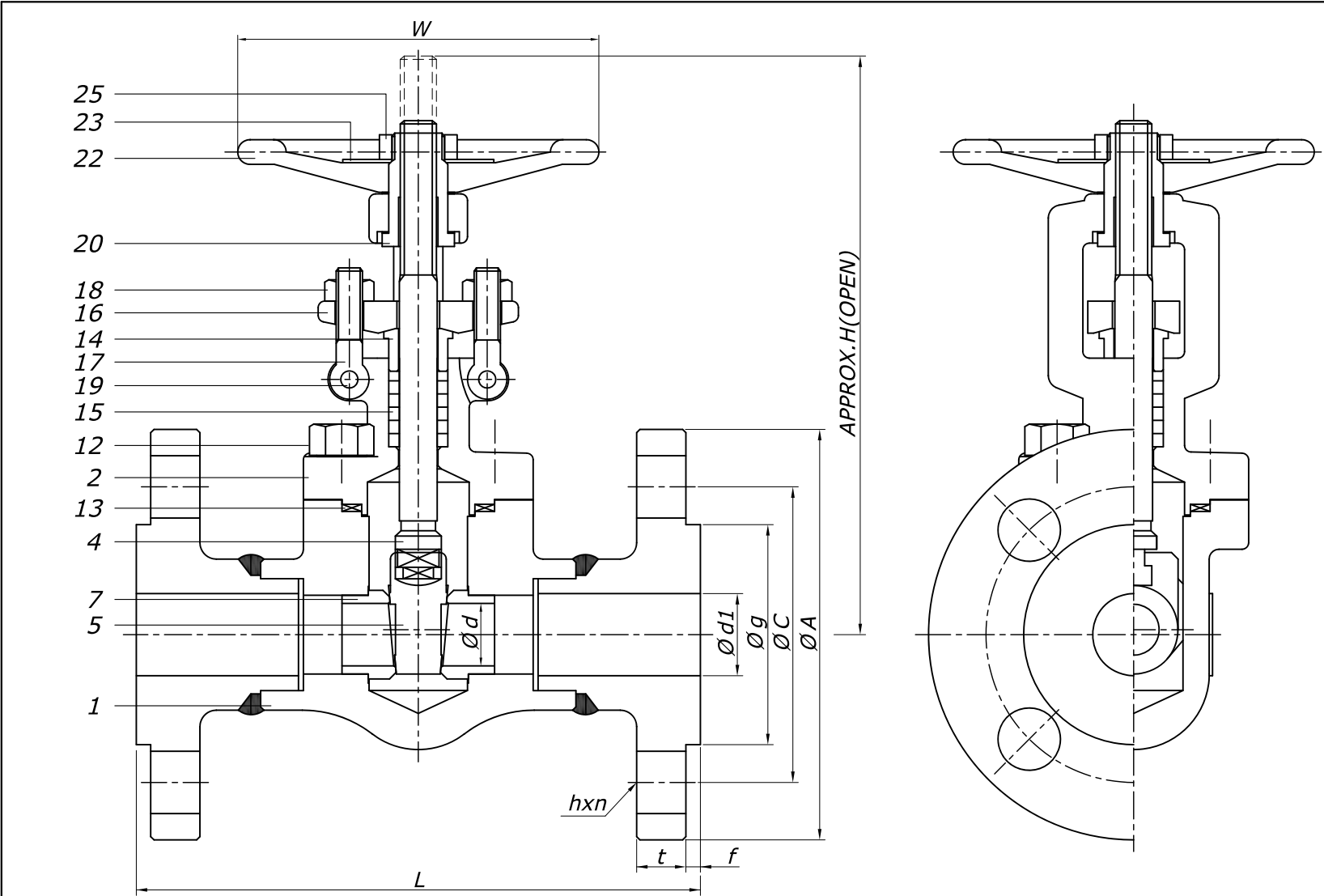




DIMENSIONS (UNIT: mm)

| SIZE   |     | L ±1.5 | H   | W   | ØA  | ØC    | hxn  | Øg   | f   | t    | Ød | Ød1  |  | WEIGHT(kg) | Q'TY |
|--------|-----|--------|-----|-----|-----|-------|------|------|-----|------|----|------|--|------------|------|
| 1/2"   | 15A | 165    | 133 | 90  | 95  | 66.7  | 16x4 | 34.9 | 6.4 | 14.3 | 10 | 15.7 |  | 3.4        |      |
| 3/4"   | 20A | 190    | 149 | 90  | 117 | 82.5  | 19x4 | 42.9 | 6.4 | 15.9 | 13 | 20.8 |  | 5.0        |      |
| 1"     | 25A | 216    | 178 | 105 | 124 | 88.9  | 19x4 | 50.8 | 6.4 | 17.5 | 19 | 26.7 |  | 6.5        |      |
| 1 1/4" | 32A | 229    | 210 | 125 | 133 | 98.4  | 19x4 | 63.5 | 6.4 | 20.7 | 25 | 35.1 |  | 10.0       |      |
| 1 1/2" | 40A | 241    | 222 | 125 | 156 | 114.3 | 22x4 | 73.0 | 6.4 | 22.3 | 30 | 40.9 |  | 13.0       |      |
| 2"     | 50A | 292    | 257 | 150 | 165 | 127.0 | 19x8 | 92.1 | 6.4 | 25.4 | 37 | 52.6 |  | 18.6       |      |

PAINTING  
OR  
COATING

- ☐ PHOSPHATIZED  
☒ NONE  
☐ OTHER

BILL OF MATERIALS

| NO. | PART NAME      | MATERIAL       | Q'TY | REMARK   |
|-----|----------------|----------------|------|----------|
| 1   | Body           | A182-F304      | 1    | -        |
| 2   | Bonnet         | A182-F304      | 1    | -        |
| 4   | Stem           | A276-304       | 1    | -        |
| 5   | Disc           | A351-CF8       | 1    | STELLITE |
| 7   | Seat Ring      | A276-304       | 2    | STELLITE |
| 12  | Bonnet Bolt    | A193-B8        | 4    | or EQ    |
| 13  | Gasket         | 304SS+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 B16.10, ASME B16.5  
3. HYDROSTATIC TEST (API 598)  
Shell: 149 Bar  
Pneumatic Seat Test: 6 Bar

| NO.      | DATE     | DESCRIPTION                                              | DRA.    | CHK.             | APP. |
|----------|----------|----------------------------------------------------------|---------|------------------|------|
| TITLE    |          | CLASS 600 , A182-F304/304<br>GATE VALVE , B.B., OS&Y, RF |         |                  |      |
| APP.     | CHK.     | DRA.                                                     | SCALE   | NON              |      |
| S.J.BANG | J.Y.JANG | W.G.LEE                                                  | DATE    | 2025.07.01       |      |
|          |          |                                                          | DWG NO. | DEV-G600-F304-RF |      |

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