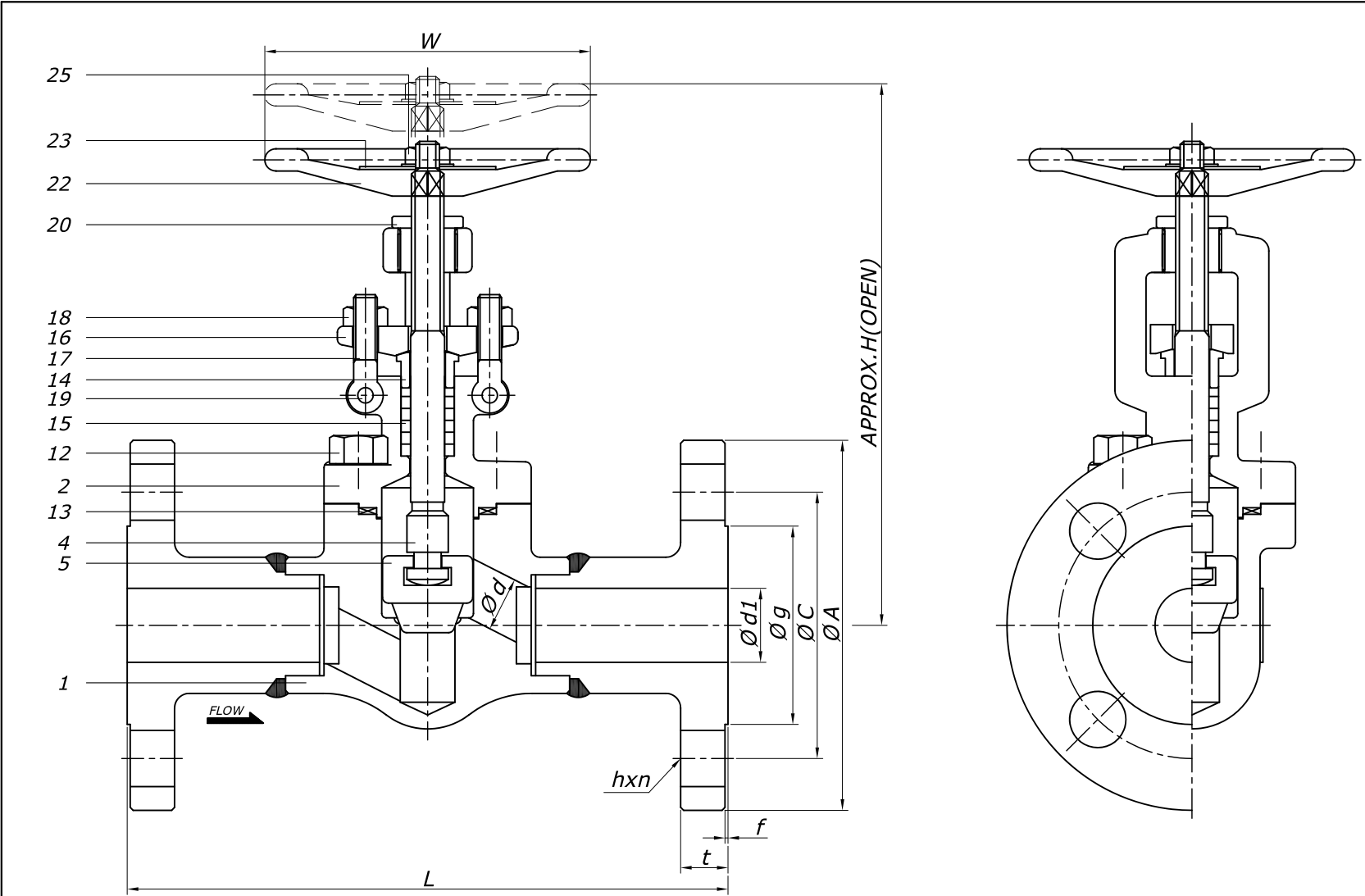
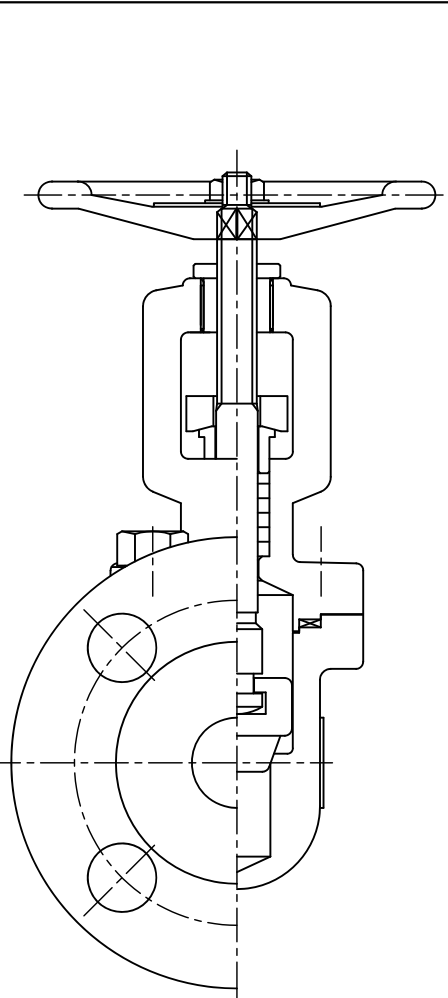




DIMENSIONS (UNIT: mm)

| SIZE   |     | L ±1.5 | H   | W   | ØA  | ØC    | hxn  | Øg   | f   | t    | Ød   | Ød1  |  | WEIGHT(kg) | Q'TY |
|--------|-----|--------|-----|-----|-----|-------|------|------|-----|------|------|------|--|------------|------|
| 1/2"   | 15A | 152    | 134 | 90  | 95  | 66.7  | 16x4 | 34.9 | 1.6 | 14.2 | 9.5  | 15.7 |  | 3.0        |      |
| 3/4"   | 20A | 178    | 146 | 90  | 117 | 82.5  | 19x4 | 42.9 | 1.6 | 15.7 | 12.5 | 20.8 |  | 4.8        |      |
| 1"     | 25A | 203    | 177 | 105 | 124 | 88.9  | 19x4 | 50.8 | 1.6 | 17.5 | 18.5 | 26.7 |  | 6.3        |      |
| 1 1/4" | 32A | 216    | 205 | 125 | 133 | 98.4  | 19x4 | 63.5 | 1.6 | 19.1 | 24   | 35.1 |  | 9.0        |      |
| 1 1/2" | 40A | 229    | 215 | 125 | 156 | 114.3 | 22x4 | 73.0 | 1.6 | 20.6 | 29   | 40.9 |  | 12.3       |      |
| 2"     | 50A | 267    | 248 | 150 | 165 | 127.0 | 19x8 | 92.1 | 1.6 | 22.4 | 36   | 52.6 |  | 17.0       |      |



BILL OF MATERIALS

| NO. | PART NAME      | MATERIAL       | Q'TY | REMARK |
|-----|----------------|----------------|------|--------|
| 1   | Body           | A105           | 1    | -      |
| 2   | Bonnet         | A105           | 1    | -      |
| 4   | Stem           | A276/A479-410  | 1    | -      |
| 5   | Disc           | A217-CA15      | 1    | -      |
| 12  | Bonnet Bolt    | A193-B7        | 4    | or EQ  |
| 13  | Gasket         | 304SS+GRAPHITE | 1    | -      |
| 14  | Gland          | A276-304       | 1    | -      |
| 15  | Gland Packing  | GRAPHITE       | 1Set | -      |
| 16  | Gland Flange   | A105           | 1    | -      |
| 17  | Gland Bolt     | A193-B7        | 2    | or EQ  |
| 18  | Gland Bolt Nut | A194-2H        | 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          | 1    | -      |
| -   | Seat(Integral) | STELLITE       | 1    | -      |
|     |                |                |      |        |
|     |                |                |      |        |
|     |                |                |      |        |

NOTE

- 1.VALVE DESIGN: API 602  
2.END CONNECTION: ASME B16.10,ASME B16.5  
3.HYDROSTATIC TEST(API 598)  
Shell: 77 Bar  
Seat: 57 Bar

| NO.      | DATE     | DESCRIPTION                                           | DRA.    | CHK.              | APP. |
|----------|----------|-------------------------------------------------------|---------|-------------------|------|
| TITLE    |          | CLASS 300 , A105/13CR<br>GLOBE 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-GL300-A105-RF |      |



PAINTING OR COATING

■ PHOSPHATIZED  
□ NONE  
□ OTHER