

## FLAT GATE VALVE

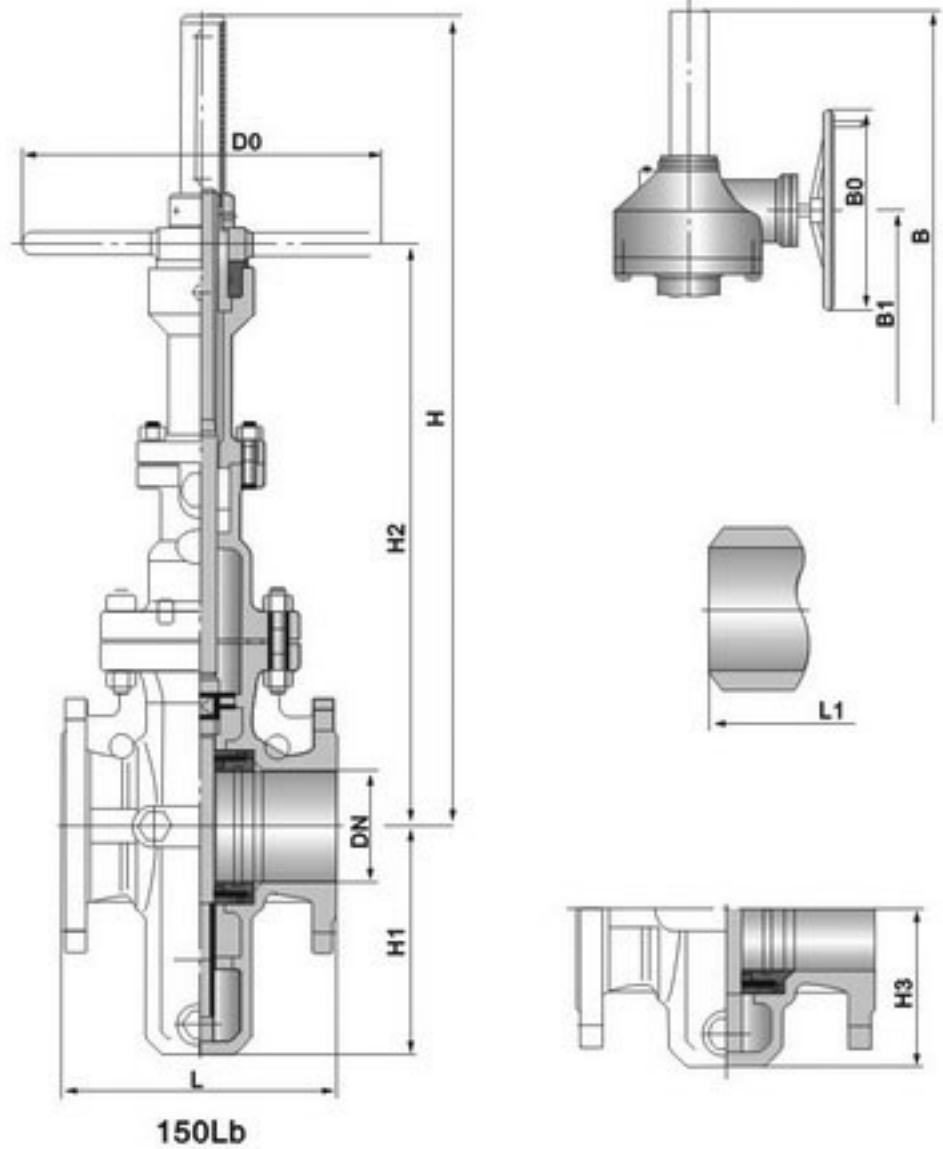
### 150lb/300lb

#### Applicable standards:

STEEL GATE VALVES, AAPI 6D  
 STEEL GATE VALVES, ISO 14313  
 STEEL VALVES, ASME B 16.34  
 FACE TO FACE, ASME B 16.10  
 END FLANGES, ASME B 16.5  
 BUTTWELDING ENDS, ASME B 16.25  
 INSPECTION AND TEST, API 6D

#### Design description:

FULL PATH DESIGN  
 OS & Y, OUTSIDE SCREW AND YOKE  
 BB, BOLTED BONNET  
 PARALLEL SINGLE OR DOUBLE DISC TYPE  
 "K" TYPE OR "V" TYPE OPEN DOUBLE WEDGE DISC  
 RENEWABLE SEAT RINGS  
 FORGED T-HEAD STEM  
 RISING STEM AND NON-RISING HANDWHEEL  
 FLANGED OR BUTTWELDING ENDS  
 AVAILABLE WITH BG OPERATOR  
 CONDUCTION CURRENT OR NO CONDUCTION CURRENT PATTEN



#### Dimensions data

| NPS<br>DN | 1<br>25 | 1¼<br>32 | 1½<br>40 | 2<br>50 | 2½<br>65 | 3<br>80 | 4<br>100 | 6<br>150 | 8<br>200 | 10<br>250 | 12<br>300 | 14<br>350 | 16<br>400 | 18<br>450 | 20<br>500 | 24<br>600 | 28<br>700 | 32<br>800 | 36<br>900 | 40<br>1000 |
|-----------|---------|----------|----------|---------|----------|---------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
|-----------|---------|----------|----------|---------|----------|---------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|

#### ANSI Class 150Lb

|                |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L              | 127 | 14  | 165 | 178 | 190 | 203 | 229  | 267  | 292  | 330  | 356  | 381  | 406  | 432  | 457  | 508  | 610  | 660  | 711  | 811  |
| L1             | 127 | 140 | 165 | 216 | 241 | 283 | 305  | 403  | 419  | 457  | 502  | 572  | 610  | 660  | 711  | 813  | 914  | 965  | 1016 | -    |
| L2             | -   | -   | -   | -   | -   | -   | 150  | 150  | 180  | 180  | 200  | 200  | 218  | 218  | 229  | 248  | 286  | 286  | -    | -    |
| H              | 360 | 375 | 410 | 450 | 550 | 610 | 700  | 895  | 1130 | 1290 | 1480 | 1660 | 1850 | 2080 | 2300 | 2680 | 3080 | 3491 | 3897 | 4317 |
| H2             | 250 | 260 | 290 | 315 | 420 | 428 | 494  | 625  | 784  | 937  | 1080 | 1283 | 1417 | 1489 | 1672 | 2012 | 2250 | 2550 | 2850 | 3250 |
| D0             | 180 | 180 | 250 | 250 | 300 | 300 | 300  | 350  | 350  | 400  | 450  | 500  | 500  | 600  | 700  | 800  | 800  | 1000 | 1000 | 1200 |
| B              | -   | -   | -   | -   | -   | -   | 770  | 965  | 1200 | 1360 | 1560 | 1740 | 1930 | 2160 | 2420 | 2800 | 3200 | 3640 | 4050 | 4467 |
| B1             | -   | -   | -   | -   | -   | -   | 650  | 800  | 960  | 1080 | 1200 | 1350 | 1500 | 1680 | 1850 | 2120 | 2450 | 2800 | 3080 | 3400 |
| B0             | -   | -   | -   | -   | -   | -   | 310  | 310  | 310  | 310  | 310  | 460  | 460  | 460  | 460  | 460  | 460  | 460  | 600  | 600  |
| Geared driving | -   | -   | -   | -   | -   | -   | BA-0 | BA-0 | BA-0 | BA-0 | BA-0 | BA-1 | BA-1 | BA-1 | BA-1 | BA-2 | BA-2 | BA-2 | BA-3 | BA-3 |
| H3             | 60  | 71  | 75  | 85  | 91  | 109 | 121  | 178  | 211  | 215  | 245  | 280  | 310  | 346  | 363  | 442  | 505  | 560  | 610  | 715  |
| H1             | 85  | 103 | 115 | 122 | 154 | 169 | 193  | 283  | 352  | 440  | 514  | 602  | 678  | 785  | 855  | 1045 | 1190 | 1350 | 1510 | 1715 |