

# SPACE

## OS&Y GATE VALVE

### 150 LB

### BRONZE TRIM

#### APPLICABLE STANDARDS

Steel Valves, ANSI B16.34-1977, Standard Class

Face-to-face, End-to-end, ANSI B16.10

End Flanges, ANSI B16.5

Weld Ends, ANSI B16.25

| PART                 | MATERIALS           | ASTM SPEC.       |
|----------------------|---------------------|------------------|
| Body                 | Carbon steel        | A216 Gr. WCB     |
| Bonnet               | Carbon steel        | A216 Gr. WCB     |
| Yoke                 | Carbon steel        | A216 Gr. WCB     |
| Wedge                | Carbon steel        | A216 Gr. WCB     |
| Wedge facing         | Aluminum Bronze     | ASTM B150/C62400 |
| Seat ring            | Aluminum Bronze     | ASTM B150/C62400 |
| Stem                 | Aluminum Bronze     | ASTM B505/C95400 |
| Yoke nut             | Ductile Iron        | A439 TY D2       |
| Yoke nut retainer    | Carbon steel        | A216 Gr. WCB     |
| Back-seat bushing    | Aluminum Bronze     | ASTM B505/C95400 |
| Gland                | Carbon steel        | ASTM A276-420    |
| Gland flange         | Carbon steel        | A105             |
| Gland eyebolt        | Steel               | A193-B7          |
| Gland eyebolt nut    | Steel               | A194-2H          |
| Bonnet stud bolt     | Steel               | A193-B7          |
| Bonnet stud bolt nut | Steel               | A194-2H          |
| Bonnet gasket        | Reinforced Graphite | Commercial       |
| Stem packing         | Graphite            | Commercial       |
| Handwheel            | Ductile Iron        | A395             |
| Handwheel nut        | Carbon steel        | A194-2H          |

#### DIMENSIONS IN INCHES:

| SIZE              | 2"    | 2-1/2" | 3"   | 3-1/2" | 4"   | 5"   | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"   | 24"  |
|-------------------|-------|--------|------|--------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| L Face to Face RF | 7     | 7.5    | 8    | 8.5    | 9    | 10   | 10.5  | 11.5  | 13    | 14    | 15    | 16    | 17    | 18    | 20   |
| H Height (Open)   | 15.37 | 17.25  | 19   | 21     | 23   | 25.5 | 30.12 | 37.65 | 45.25 | 53.25 | 59.4  | 67    | 74.5  | 83.5  | 98.5 |
| H Height (Closed) | 13    | 15     | 15.5 | 17.6   | 18.6 | 22   | 23.75 | 29    | 34.6  | 40.5  | 45.3  | 51    | 56.3  | 63.25 | 74   |
| W Handwheel Diam. | 8     | 8      | 10   | 10     | 10   | 12   | 12    | 14    | 15.75 | 18    | 19.75 | 21.65 | 23.62 | 26.75 | 30   |
| Weight (lbs)      | 44    | 62     | 79   | 98     | 108  | 181  | 221   | 322   | 485   | 706   | 948   | 1191  | 1502  | 1940  | 3109 |



FIGURE 15011B

