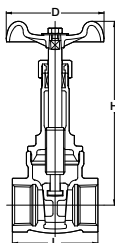


**10K****JIS 10K BRONZE GATE VALVE**Screwed bonnet, Rising stem,  
Designed to JIS B2011,  
Threaded ends to JIS B0203 (also to BS21)

W.O.G -29°C to +120°C (not freezing) 1.4 MPa, Saturated steam pressure 1.0 MPa (See P.17)



Fig. L

**Materials**

| Parts         | Material                        |
|---------------|---------------------------------|
| Body          | Bronze                          |
| Bonnet        | Bronze                          |
| Stem          | Dezincification Resistant Brass |
| Disc          | Bronze                          |
| Gland packing | Non-asbestos Packing            |

⚠ Do not use for flammable gas or toxic gas.

**Dimensions**

| Nominal Size | inch | 1/2 | 3/4 | 1   | 1 1/4 | 1 1/2 | 2   | 2 1/2 | 3   |
|--------------|------|-----|-----|-----|-------|-------|-----|-------|-----|
|              | mm   | 15  | 20  | 25  | 32    | 40    | 50  | 65    | 80  |
| L            |      | 55  | 65  | 70  | 80    | 90    | 100 | 120   | 140 |
| H valve open |      | 126 | 151 | 176 | 219   | 250   | 292 | 376   | 436 |
| D            |      | 60  | 70  | 80  | 90    | 100   | 115 | 155   | 180 |

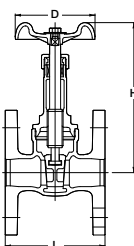
**10K****10K BRONZE GATE VALVE**Screwed bonnet\*, Rising stem,  
Designed to JIS B2011,  
Flanged ends to JIS B2011

Water, non-shock 120°C (1.4 MPa), Oil &amp; water 120°C (1.0 MPa), Saturated steam pressure 0.7 MPa

\*Size 4 : Bolted bonnet



Fig. LB

**Materials**

| Parts         | Material                        |
|---------------|---------------------------------|
| Body          | Bronze                          |
| Bonnet        | Bronze                          |
| Stem          | Dezincification Resistant Brass |
| Disc          | Bronze                          |
| Gland packing | Non-asbestos Packing            |

⚠ Do not use for flammable gas or toxic gas.

**Dimensions**

| Nominal Size | inch | 3/4** | 1   | 1 1/4 | 1 1/2 | 2   | 2 1/2 | 3   | 4**   |
|--------------|------|-------|-----|-------|-------|-----|-------|-----|-------|
|              | mm   | 20**  | 25  | 32    | 40    | 50  | 65    | 80  | 100** |
| L            |      | 90    | 100 | 110   | 125   | 140 | 170   | 190 | 220   |
| H valve open |      | 153   | 178 | 223   | 254   | 302 | 376   | 436 | 327   |
| D            |      | 70    | 80  | 90    | 100   | 115 | 155   | 180 | 225   |
| t*           |      | 10    | 12  | 12    | 14    | 14  | 16    | 16  | 18    |

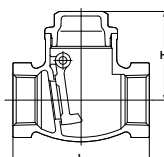
\*t\* Shall not be in accordance with JIS B2011 \*\*3/4 &amp; 4 shall not be in accordance with JIS B2011

**10K****JIS 10K BRONZE SWING CHECK VALVE**Screwed bonnet, Swing type disc,  
Designed to JIS B2011, Threaded  
ends to JIS B0203 (also to BS21)

W.O.G -29°C to +120°C (not freezing) 1.4 MPa, Saturated steam pressure 1.0 MPa (See P.17)



Fig. O

**Materials**

| Parts     | Material |
|-----------|----------|
| Body      | Bronze   |
| Cap       | Brass    |
| Hinge pin | Brass    |
| Disc      | Bronze   |

⚠ Do not use for flammable gas or toxic gas.

**Dimensions**

| Nominal Size | inch | 3/8  | 1/2 | 3/4  | 1    | 1 1/4 | 1 1/2 | 2   | 2 1/2* | 3*  |
|--------------|------|------|-----|------|------|-------|-------|-----|--------|-----|
|              | mm   | 10   | 15  | 20   | 25   | 32    | 40    | 50  | 65     | 80  |
| L            |      | 55   | 65  | 80   | 90   | 105   | 120   | 140 | 180    | 200 |
| H            |      | 38.5 | 43  | 51.5 | 58.5 | 67    | 73.5  | 86  | 97     | 108 |

\*Size 2 1/2 &amp; 3 shall not be in accordance with JIS B2011