

# D237 Gate Valve (1/2" to 3") PN20



WRAS  
APPROVED  
PRODUCT

CRANE®

FLUID SYSTEMS

## Bronze Gate Valve with Lockshield

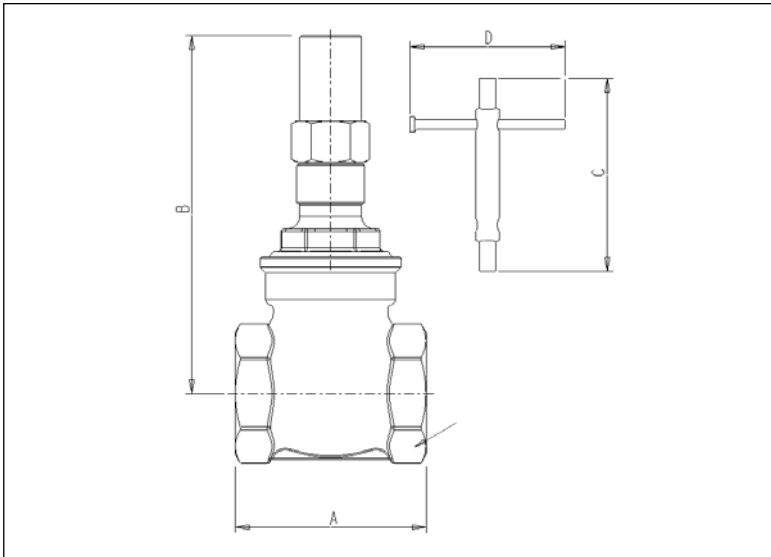
Crane gate valves offer the ultimate in dependable service wherever minimum pressure drop is important. The D237 carries the British Standards Institution Kitemark - your assurance of exacting quality standards. In addition the D237 is WRAS approved.

### Materials

| Part          | Material                   | Sizes     |
|---------------|----------------------------|-----------|
| Body          | Bronze BSEN1982 CC491K     | 1/2 - 3   |
| Bonnet        | Bronze BSEN1982 CC491K     | 1/2 - 3   |
| Disc          | Bronze BSEN1982 CC491K     | 1/2 - 3   |
| Stem          | DZR Brass BSEN12164 CW602N | 1/2 - 3   |
| Stuffing Box  | DZR Brass BSEN12164 CW602N | 2.1/2 & 3 |
| Stem Retainer | DZR Brass BSEN12164 CW602N | 1/2 - 2   |
| Gland         | Brass BSEN12164 CW614N     | 1 - 3     |
| Packing       | Asbestos Free              | 1/2 - 3   |
| Lockshield    | Brass BSEN12164 CW614N     | 1/2 - 3   |
| Box Spanner   | Mild Steel                 | 1/2 - 3   |



### Dimensional Drawing



### Dimensions and Weights

| Size   | Weight (kg) | A (mm) | B (mm) | C (mm) | D (mm) |
|--------|-------------|--------|--------|--------|--------|
| 1/2"   | 0.276       | 50     | 78     | 90     | 100    |
| 3/4"   | 0.389       | 54     | 87     | 90     | 100    |
| 1"     | 0.593       | 62     | 106    | 125    | 100    |
| 1.1/4" | 0.831       | 71     | 116    | 125    | 100    |
| 1.1/2" | 1.248       | 77.5   | 132    | 125    | 100    |
| 2"     | 1.882       | 87.5   | 156    | 125    | 100    |
| 2.1/2" | 4.15        | 96     | 218    | -      | -      |
| 3"     | 6.24        | 105    | 253    | -      | -      |

**Pressure Rating:** PN20

**End Connection:** BSEN10226 formerly BS21 Taper

**Operator:** Lockshield

Gate valves are best for services that require infrequent valve operation, and where the disk is kept either fully opened or fully closed. They are not practical for throttling.

#### Specification:

Solid wedge disk, non-rising stem, screwed in bonnet.

Valves are manufactured in accordance with BSEN12288 PN20 series B and are BSI Kitemark approved.

This valve is not suitable for use on group 1 gasses or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.

Temperature operating range: -10 to 180°C.

#### Available Options:

P103 lockshield key 1/2" - 2"

P100 lockshield key 2.1/2" - 3"