

# D237

## Bronze Gate Valve with Lockshield Non rising stem



PN20

D237

GENERAL VALVES



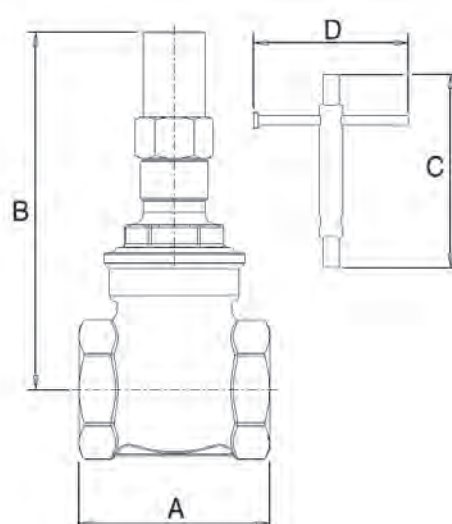
### Features & Benefits

- 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
- WRAS approved for use on wholesome (potable) water in sizes 1/2" - 2" only
- WRAS approval temperature 85°C max
- Conforms with BS EN12288:2010 and generally conforms with MSS SP 80.

### Materials

PART	MATERIAL	SIZES
Body	Bronze BS EN 1982 CC491K	1/2 - 3
Bonnet	Bronze BS EN 1982 CC491K	1/2 - 3
Disc	Bronze BS EN 1982 CC491K	1/2 - 3
Stem	DZR Brass BS EN 12164 CW602N	1/2 - 3
Stuffing Box	DZR Brass BS EN 12164 CW602N	2 1/2 & 3
Stem Retainer	DZR Brass BS EN 12164 CW602N	1/2 - 2
Gland	Brass BS EN 12164 CW614N	1 - 3
Packing	Asbestos Free	1/2 - 3
Lockshield	Brass BS EN 12164 CW614N	1/2 - 3
Box Spanner	Mild Steel	1/2 - 3

### Dimensional Drawing



### Dimensions & Weights

SIZE (inch)	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/Temperature Ratings

TEMPERATURE (°C)	-10 to 100	180
PRESSURE (BAR)	20	9

Intermediate pressure ratings shall be determined by interpolation.

**PRESSURE RATING:** PN20

**TEMPERATURE OPERATING RANGE:**  
-10 to 180°C

**END CONNECTION:** Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21

**US END CONNECTION:** ANSI B1.20.1

**OPERATOR:** Lockshield.

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

**SPECIFICATION:** Bronze Gate Valve, Non-Rising Stem, Solid Wedge, Screwed Bonnet, in accordance with BS EN 12288:2010, PN20 rated. Body, Bonnet and disc to Bronze to BS EN 1982 CC491K. DZR Brass Stem to CW602N. PTFE packing ring complete with Brass packing gland and nut design. WRAS approved and BSI Kitemark approved.

**MSS SP80 CONFORMANCE:** D237 meets the essential requirements of the Standard such as pressure temperature rating, functional attributes, material of construction, wall thickness and thread depth. D237.AT complies with threaded end connections as well.

The Valve is suitable for use in group 2 gases, group 1 and group 2 liquids, as defined by the Pressure Equipment Directive 2014/68/EU.\*

**AVAILABLE OPTIONS:** P103 lockshield key 1/2" - 2"  
P100 lockshield key 2 1/2" - 3"

\* See page 159 for more information

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