



## Z600B

### BRONZE GATE VALVE

Inside Screw - Non Rising Stem - Bronze Trim

An AS 2129 E flanged, non-rising stem cast bronze valve with inside screw, bolted cover and integral seats.

Note: Sizes 32 - 100mm have brass stuffing boxes, gland followers and gland nuts.

#### PRESSURE/TEMPERATURE RATING

Max Service Temp 170°C (338°F)

Water, Oil or Gas up to 1400KPA (200PSI)

#### OPTIONS

Open and Shut Indicator.

Valves manufactured in other flange and body material specifications on request.

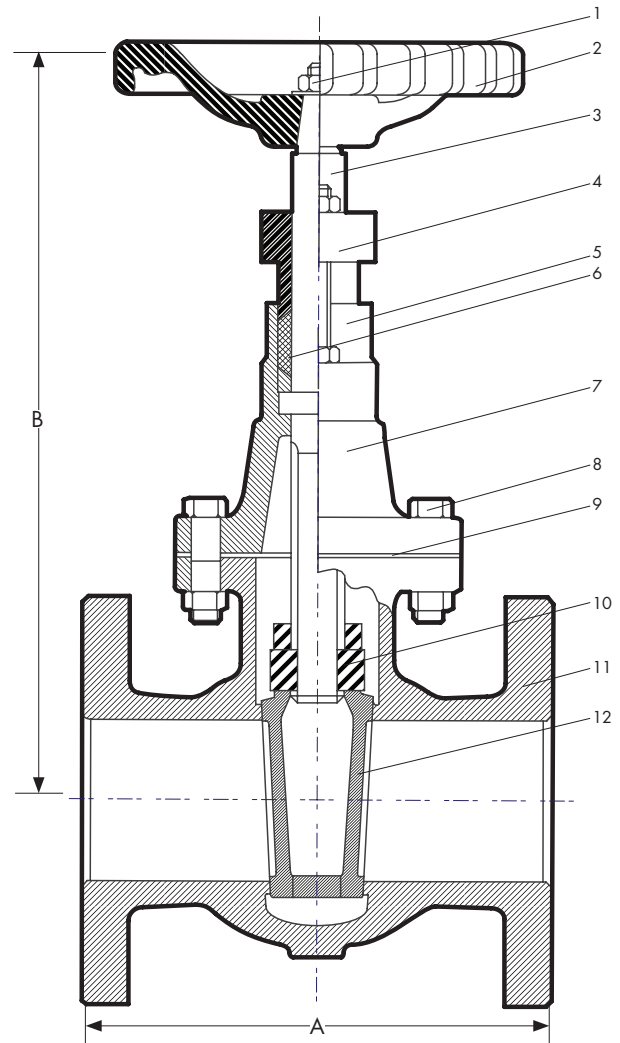
#### DIMENSIONS - mm

Size	32	40	50	65	80	100	125	150	200	250
A	114	114	143	156	171	210	215	215	292	330
B	175	180	280	280	309	357	420	500	580	705
Mass kg	6.6	7	12	14	18	35	47	63	89	135

Dimensions for larger sizes are available on request.

#### MATERIAL SPECIFICATIONS

REF	Component	Material	AS or BS Specification
1	Handwheel Nut	Stainless Steel	-
2	Handwheel	Cast Iron	As 1830
3	Spindle	DR: Brass	AS 1567-352
4	Gland	Cast Bronze LG2	AS 1565- C83600
5	Stuffing Box	Cast Bronze LG2	AS 1565- C83600
6	Packing	PTFE	Klinger K10
7	Cover	Cast Bronze LG2	AS 1565- C83600
8	Fasteners	Stainless Steel	-
9	Gasket	Klinger	K'Sil 4430
10	Wedge Block	Cast Bronze LG2	AS 1565- C83600
11	Body	Cast Bronze LG2	AS 1565- C83600
12	Wedge	Cast Bronze LG2	AS 1565- C83600




**BUREAU VERITAS Section .....02214J**  
**REVIEWED**

subject to the observations in red  
and only for parts concerning Classification.  
All particulars not shown on this drawing and concerning  
Classification to be as per Rules.

Neuilly-sur-Seine, 30-Oct-2012

[Electronic document]  
The plan approval office  
See Letter

Document Version | April 2014

 <b>BUREAU</b> <b>VERITAS</b>	<b>Technical Comments Letter</b>		<b>30 Oct 2012</b>
	<b>Marine Division</b>		O. Mail Ref. : <b>DT2/12/03349</b>
	BV Reg. No : <b>02214J</b> Project : <b>HMAS SUCCESS</b>		Hull No :
	Yard(s) :		

**Machinery – Drawings**

Drawing No	Rev.	Title
Z63G	0	BRONZE STORM VALVE
Z600B	0	BRONZE GATE VALVE


**Machinery - Comments on drawings**

Drawing number **Z600B** Rev **0**  
**BRONZE GATE VALVE**

<b>ID : LPO695406</b> <i>To be dealt with</i>	<b>Inspection and testing at works for the valves ... :</b> Inspection and testing at works for the valves are to be carried out in accordance with BV Rules, Pt C, Ch 1, Sec 10-Table 38.
<b>ID : LPO695407</b> <i>To be dealt with</i>	<b>Since the material of the valves is bronze, ple... :</b> Since the material of the valves is bronze, please note on the drawing that the valves are not allowed to be used as boiler blow-down valves connected to the shell plating. (Pt C, Ch 1, Sec 10-Table 5)

**Note :**

Meaning of comment type	
Comment type	Meaning
<b>To be dealt with</b>	the manufacturer or shipyard should reply the issued comments to the satisfaction of our attending Surveyor.
<b>To be re-submitted</b>	the manufacturer or shipyard should reply the issued comments to the satisfaction of our Plan Approval Office, without which the survey at works or shipyards cannot be completed.
<b>Note</b>	For information. No reply expected.

 <b>BUREAU</b> <b>VERITAS</b>	<b>Technical Comments Letter</b>		<b>30 Oct 2012</b>
	<b>Marine Division</b>		O. Mail Ref. : <b>DT2/12/03349</b>
	BV Reg. No : <b>02214J</b> Project : <b>HMAS SUCCESS</b>		Hull No :
	Yard(s) :		

**Machinery - Comments on drawings**

Drawing number **Z63G Rev 0**

**BRONZE STORM VALVE**

**ID : LPO695408**

***Inspection and testing at works for the valves ... :***

*To be dealt with*

Inspection and testing at works for the valves are to be carried out in accordance with BV Rules, Pt C, Ch 1, Sec 10-Table 38.

**ID : LPO695409**

***Since the intention is to fit the valve on the ... :***

*To be dealt with*

Since the intention is to fit the valve on the shell plate, then the valves should be provided with positive means of closing, i.e. with geared hand wheel.

**ID : LPO695410**

***Valves fitted on the ship side are to be provid... :***

*To be dealt with*

Valves fitted on the ship side are to be provided with indicator showing whether it is open or closed.

**ID : LPO695411**

***Valves and distance pieces intended to be fitte... :***

*To be dealt with*

Valves and distance pieces intended to be fitted on the ship side below the load waterline are to be subjected to hydrostatic tests under a pressure not less than 0.5 MPa. (Pt C, Ch 1, Sec 10-20.4.3.b)  
The test pressure on the drawing is to be amended accordingly.

**ID : LPO695412**

***Since the material of the valves is bronze, ple... :***

*To be dealt with*

Since the material of the valves is bronze, please note on the drawing that the valves are not allowed to be used as boiler blow-down valves connected to the shell plating. (Pt C, Ch 1, Sec 10-Table 5)

**Note :**

<b>Meaning of comment type</b>	
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<b>Note</b>	For information. No reply expected.