

Test Report
Dimensions Check of Check Valves
(BS 5154 : 1991 Clause 8 Table 5)

Date of issue : 19 September 2017

Page 1 of 3 page(s)

Castco LRN : BC0170824-001-MISL

Details as supplied by customer

Customer : Gate Way Valve & Fitting Ltd.

Customer's ref. no. : - -

Address : Flat A1, 4/F., Galaxy Factory Building, 25-27 Luk Hop Street, San Po Kong, Kowloon, H. K. Contract no. : - -

Job title : - -

Sample description : Bronze Swing Check Valve

Nominal pressure (PN) : 63

Manufacturer : Kitz (Thailand) Ltd.

Brand name : Toyo

Body marking : RED-WHITE TOYO 300-1 →

Model no. : Fig. 360

Origin : Thailand

Sample submitted by : Gate Way Valve & Fitting Ltd.

Laboratory test results

Date of sample received : 24 August 2017

Date of test : 31 August 2017

Specimen no.		BC0170824-002-MISL
DN (mm)		25
Inch		1"
Outside diameter of sealing face (mm)	Measured mean value	44
	Requirement	min. 39
Wall thickness (mm)	Measured mean value	4.64
	Requirement	N/A

Remark(s) :

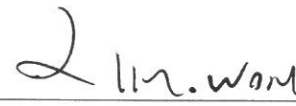
1. Test results relate only to the specimen tested.
2. Test results of sample comply with the requirement of BS 5154 : 1991 Clause 8 Table 5.
3. The thread connections are suitable for BS EN 10226 (BS 21).

Checked by : _____



FU HO MAN
Assistant Technical Officer

Certified by : _____



WONG KA MAN
Senior Manager

Test Report

Hydrostatic Strength Test of Check Valves

(BS 5154 : 1991 Clause 11 / BS EN 12266-1 : 2012 Clause 4 Annex A)

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Laboratory test results

Date of sample received : 24 August 2017

Date of test : 31 August 2017

A. Shell Tightness (BS EN 12266-1 : 2012 Annex A.3)

Specimen no.	DN (mm)	Apply pressure (bar)	Test duration (s)	Visually detectable leakage	Requirement	Test results
BC0170824-002-MISL	25	94.5	60	No	Visually detectable leakage is not permitted	Passed

B. Seat Tightness (BS EN 12266-1 : 2012 Annex A.4)

Specimen no.	DN (mm)	Side	Apply pressure (bar)	Test duration (s)	Visually detectable leakage	Leakage rates (m ³ /s)	Requirement	Test results
BC0170824-002-MISL	25	A	69.3	60	No	0	The leakage rate shall not exceed specified in BS EN 12266-1 : 2012 Annex A.4.3 Table A.5	Passed

Remark(s) :

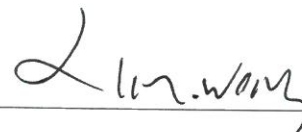
1. Test results relate only to the specimen tested.
2. Test results of sample comply with the requirement of BS EN 12266-1 : 2012 Clause 4 Annex A.

Checked by :



FU HO MAN
Assistant Technical Officer

Certified by :



WONG KA MAN
Senior Manager

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Appendix A



BC0170824-002-MISL(1)



BC0170824-002-MISL(2)

End of Report