

Summary of Test Results

Reference no. : BC-SUMMARY-2017-105

Customer : Gate Way Valve & Fitting Ltd.
Address : Flat A1, 4/F., Galaxy Factory Building, 25-27 Luk Hop Street, San Po Kong, Kowloon, H. K.
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.
Test standard : BS 5154 : 1991 / BS EN 12266-1 : 2012
Test period : 31 August to 09 September 2017

A) Sample List

DN (mm)	Inch	Specimen no.
25	1"	BC0170824-002-MISL

B) Test Item

1) Dimensions Check (BS 5154 : 1991 Clause 8 Table 5)

DN (mm)	Inch	Test results	Castco LRN
25	1"	Passed	BC0170824-001-MISL

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


DN (mm)	Inch	Test results	Castco LRN
25	1"	Passed	BC0170824-001-MISL

3) Chemical Composition - Body (BS EN 1982 : 2008 Table 23a Grade CC499K)

DN (mm)	Inch	Test results	Castco LRN
25	1"	The chemical composition of the tested specimen complies with Grade CC499K in Table 23a of BS EN 1982 : 2008 except for Bismuth, Tin & Copper content, which are higher than the upper limit 0.02, 6.0 & 88.0 of the specification	MS0170901-61

4) Chemical Composition - Seat (BS EN 1982 : 2008 Table 23a Grade CC499K)

DN (mm)	Inch	Test results	Castco LRN
25	1"	The chemical composition of the tested specimen complies with Grade CC499K in Table 23a of BS EN 1982 : 2008 except for Phosphorus content, which is higher than the upper limit 0.04 of the specification	MS0170901-62

Prepare by :  **FU HO MAN**
Assistant Technical Officer

Date : 19 September 2017

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Senior Manager

Date : 19 September 2017

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