

**Summary of Test Results**

Reference no. : BC-SUMMARY-2016-76

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 : Globe Type Silent Check Valve  
Nominal pressure (PN) : 16  
Manufacturer : Val-Matic Valve & Manufacturing Corp.  
Brand name : Valmatic  
Body marking : VAL MATIC CORP.  
Series no. : 1800  
Origin : China  
Sample submitted by : Gate Way Valve & Fitting Ltd.  
Test standard : BS EN 12334 : 2001 / BS EN 12266-1 : 2012  
Test period : 08 to 15 September 2016

**A) Sample List**

DN (mm)	Model no.	Specimen no.
65	1825A	BC0160817-002-MISL
80	1803A	BC0160817-003-MISL
100	1804A	BC0160817-004-MISL
150	1806A	BC0160817-005-MISL
200	1808A	BC0160817-006-MISL

**B) Test Item****1) Dimensions Check (In-house method based on Manufacturer requirement)**

DN (mm)	Model no.	Test results	Castco LRN
65	1825A	Passed	BC0160817-001-MISL
80	1803A	Passed	
100	1804A	Passed	
150	1806A	Passed	
200	1808A	Passed	

**2) Coating Thickness Test (WIS 4-52-01 Appendix B)**

DN (mm)	Model no.	Test results	Castco LRN
65	1825A	Passed	BC0160817-001-MISL
80	1803A	Passed	
100	1804A	Passed	
150	1806A	Passed	
200	1808A	Passed	

**3) Hydrostatic Strength Test (BS EN 12334 : 2001 Clause 4.2 / BS EN 12266-1 : 2012 Clause 4 Annex A)**

DN (mm)	Model no.	Test results	Castco LRN
65	1825A	Passed	BC0160817-001-MISL
80	1803A	Passed	
100	1804A	Passed	
150	1806A	Passed	
200	1808A	Passed	

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## B) Test Item (con't)

## 4) Chemical Composition - Disc (BS EN 1982 : 2008 Table 23b Grade CC491K)

DN (mm)	Model no.	Test results	Castco LRN
65	1825A	Passed	MS0160914-1
100	1804A	Passed	MS0160914-3
200	1808A	Passed	MS0160914-5

## 5) Chemical Composition - Seat Ring (BS EN 1982 : 2008 Table 23b Grade CC491K)

DN (mm)	Inch	Test results	Castco LRN
65	1825A	Passed	MS0160914-2
100	1804A	Passed	MS0160914-4
200	1808A	Passed	MS0160914-6

Prepare by :

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Date : 30 September 2016

Review by :

WONG KA MAN  
Laboratory Manager

Date : 30 September 2016