

Summary of Test Results

Reference no. : BC-SUMMARY-2022-130

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) : 25

Manufacturer : Val-matic Valve & Manufacturing Corp

Brand name : Valmatic

Body marking : Valmatic (DN) PN25

Origin : USA

Sample submitted by : Gate Way Valve & Fitting Ltd.

Test standard : BS EN 12334 : 2001 / WIS 4-52-01 Dec. 1992 : Issue 1 / BS EN 1561 : 2011 / BS EN 1982 : 2008

Test period : 05 August to 12 October 2022

A) Sample List

DN (mm)	Model no.	Specimen no.
80	1853AX003	220729-2175-001
100	1854AX003	220729-2175-002
150	1856AX003	220729-2175-003

B) Test Item**1) Dimensions Check (BS EN 12334 : 2001 Clause 4.1.3)**

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	220729-2175
100	1854AX003	Passed	
150	1856AX003	Passed	

2) Coating Thickness Test (WIS 4-52-01 Dec. 1992 : Issue 1 Appendix B)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	220729-2175
100	1854AX003	Passed	
150	1856AX003	Passed	

3) Pressure Test (BS EN 12334 : 2001 Clause 5.1)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	220729-2175
100	1854AX003	Passed	
150	1856AX003	Passed	

4) Tensile Test (BS EN 1561 : 2011 Clause 7.2.1 Table 1 (Grade EN-GJL-250) and Clause 9.1)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	220729-2175
100	1854AX003	Passed	
150	1856AX003	Passed	

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B) Test Item (con't)

5) Chemical Composition (Disc) (BS EN 1982 : 2008 Table 23b Grade CC491K)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	221005-2153
100	1854AX003	Passed	221005-2155
150	1856AX003	Passed	221005-2157

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

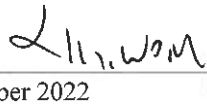
DN (mm)	Model no.	Test results	Castco LRN
80	1853AX003	Passed	221005-2154
100	1854AX003	Passed	221005-2156
150	1856AX003	Passed	221005-2158

Prepare by :

 **FU HO MAN**
Assistant Technical Manager

Date : 21 October 2022

Review by :

 **WONG KA MAN**
Senior Manager

Date : 21 October 2022

Summary of Test Results

Reference no. : BC-SUMMARY-2022-131

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) : 25

Manufacturer : Val-matic Valve & Manufacturing Corp

Brand name : Valmatic

Body marking : Valmatic (DN) PN25

Origin : USA

Sample submitted by : Gate Way Valve & Fitting Ltd.

Test standard : BS EN 12334 : 2001 / WIS 4-52-01 Dec. 1992 : Issue 1 / BS EN 1561 : 2011 / BS EN 10213 : 2007 + A1 : 2016

Test period : 05 August to 07 September 2022

A) Sample List

DN (mm)	Model no.	Specimen no.
80	1853AX004	220729-2175-001
100	1854AX004	220729-2175-002
150	1856AX004	220729-2175-003

B) Test Item**1) Dimensions Check (BS EN 12334 : 2001 Clause 4.1.3)**

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220729-2175
100	1854AX004	Passed	
150	1856AX004	Passed	

2) Coating Thickness Test (WIS 4-52-01 Dec. 1992 : Issue 1 Appendix B)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220729-2175
100	1854AX004	Passed	
150	1856AX004	Passed	

3) Pressure Test (BS EN 12334 : 2001 Clause 5.1)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220729-2175
100	1854AX004	Passed	
150	1856AX004	Passed	

4) Tensile Test (BS EN 1561 : 2011 Clause 7.2.1 Table 1 (Grade EN-GJL-250) and Clause 9.1)

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220729-2175
100	1854AX004	Passed	
150	1856AX004	Passed	

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B) Test Item (con't)**5) Chemical Composition (Disc) (BS EN 10213 : 2007 + A1 : 2016 Table 2 Grade 1.4408 (316))**

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220818-2112
100	1854AX004	Passed	220818-2114
150	1856AX004	Passed	220818-2116

6) Chemical Composition (Seat Ring) (BS EN 10213 : 2007 + A1 : 2016 Table 2 Grade 1.4408 (316))

DN (mm)	Model no.	Test results	Castco LRN
80	1853AX004	Passed	220818-2113
100	1854AX004	Passed	220818-2115
150	1856AX004	Passed	220818-2117

Prepare by : _____


FU HO MAN
Assistant Technical Manager

Date : 21 October 2022

Review by : _____


WONG KA MAN
Senior Manager

Date : 21 October 2022