

# HYDROFLOW



## PRODUCT TECHNICAL STATEMENT

Incorporating BPIR requirements as per  
Building Product Information Regulations 2022

### Double Lin Ball Valves

Supplied by Hydroflow

HYDROFLOW DISTRIBUTORS LTD  
221 Bush Road  
Rosedale, Albany, North Shore  
Auckland  
Tel: +64 9 415 6151

#### Double Lin in New Zealand

Double-Lin, which was established in 2000 in China, is a manufacturing company for global market. It is located in Yuhuan Island (the southeast coast of Zhejiang, China), which is the main manufacturing base of China. Our products with self-owned brand are widely distributed to more than 100 countries and regions, and Chinese domestic market. The business are suppliers of comprehensive system solutions, including 4 major areas: public buildings and household water control system solutions, public buildings and home heating system solutions, safe transportation and use of gas system solutions, and family's bathroom hardware solutions. Our products cover nearly 10,000 kinds of products with different sizes.

This PTS covers all of the products supplied by Double Lin, on behalf of MasterTrade, in New Zealand.

Document type	Revision	Revision date
Product Technical Specification & BPIR Double Lin ball valves	v 1	10 November 2023

## Revision control

Revision number	Revision information	Date
v 1	New PTS (BPIR)	10 November 2023

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## Purpose and use

Double Lin ball valves for use in plumbing are suitable for mains pressure.

## Product description

Double Lin ball valves complies with the NZBC as shown below in the BPIR section.

A full product listing is available on the Hydroflow website, specifically for ball valves: [Hydroflow](#)

## Key advantages

Each Double Lin product specification, features and benefits are available on the website as shown above.

## Technical Information, Installation Instructions, Maintenance Instructions

All Double Lin ball valves technical information is available for download at the website:

### [Double Lin](#)

Information available as follows:

- Product description
- Material/product technical specifications
- Applicable compliance certificates

In addition, all compliance certificates can be downloaded and viewed at: [Double Lin Quality](#)

- WaterMark certificates

Double Lin recommends that all installation is done by a registered plumber.

## Double Lin ball valves QA processes

Double Lin ball valves undertake testing and inspections of all products as part of the QA requirements.

Double Lin is an ISO9001 certified manufacturer - See Appendix 1

### *Double Lin quality control processes:*

1. Formulate and implement quality direction, objectives, quality inspection standards, product information feedback and statistical data flow
2. Be responsible for the establishment, improvement, implementation and supervision of quality management system; supervise and inspect the implementation of quality planning scheme
3. Analysis and report of quality cost; establishment of quality cost standard and target; management and control of quality cost

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4. Organize the implementation of total quality management; track and verify the corrective and preventive measures to improve product quality
5. Prepare the annual quality education plan and assist the human resources department to jointly organize and implement the quality education plan
6. Evaluate and assess the effect of quality education and training
7. Organize and implement incoming inspection and test, process inspection and test, final inspection and test, and implement product inspection control procedures
8. Participate in the quality evaluation of the supplier's materials, participate in the review of major contracts, and coordinate to handle quality complaints
9. First sample inspection, patrol inspection, finished product inspection, confirmation and inspection record, use and storage of inspection instruments
10. Analyze and report quality problems, collect quality information and data, formulate and implement quality improvement plans, track, evaluate and assess quality improvement measures, report and promote improvement results
11. Establish and improve quality management systems such as quality reward, responsibility punishment, internal / external loss assessment of quality defect cost, and implement daily management according to payment.

*Double Lin has an extensive range of products that are WaterMark certified to:*

WM 25048 to AS 3718:2021 Water supply – Tapware

WM 25050 to AS 1628:1999 Water supply – Metallic gate, globe and non-return valves

WM 26535 to AS/NZS 2845.1:2022 Water supply – Backflow prevention devices

WM 25049 to WMTS 012:2018 In-line valves for use in plumbing water supply systems

Gas certification

SAI 400397 to AS 4617:2018 Manually operated gas valves

See Appendix 2

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## Contribution to Compliance

Double Lin ball valves are in full compliance with the requirements as set out in the New Zealand Building Code, as follows:

Building code	Requirement	Compliance evidence
<p>B2 (Durability)</p> <p>B2.3.1 (c) applies</p>	<p>(B2.3.1 Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:</p> <p>(c) 5 years if:</p> <p>(i) The building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and</p> <p>(ii) Failure of those building elements to comply with the building code would be easily detected during normal use of the building.</p>	<p>As part of a plumbing system for supply of cold, hot or mixed water temperatures.</p> <p>These products can be used in residential and/or commercial buildings where cold, hot or mixed water temperatures water is required to be supplied.</p> <p>Not suitable for use in areas which are being permanently concealed such as behind concrete.</p> <p>Maintenance required is shown in the Maintenance and Installation Instructions.</p> <p>Proof of durability – Service history Double Lin products have been manufactured and supplied worldwide since 2000.</p> <p>Warranty calls are at a minimum and within the quality principles of Double Lin. All Warranty claims are investigated, and corrective/preventive actions are implemented.</p>

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		Products that are WaterMark certified are subject to various performance testing, including endurance.
G12 (Water supplies)		
G12.3.2	G12.3.2 A potable water supply system shall be– (a) protected from contamination; and (b) installed in a manner which avoids the likelihood of contamination within the system and the water main; and (c) installed using components that will not contaminate the water.	Double Lin products has a variety of international product certifications, including WaterMark.  All Double Lin products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to contamination of water testing (AS/NZS 4020, where applicable). Where products are WaterMarked, this will include compliance with AS/NZS 4020 as mentioned in AS1
G12.3.7	G12.3.7 Water supply systems must be installed in a manner that– (a) pipes water to sanitary fixtures and sanitary appliances flow rates that are adequate for the correct functioning of those fixtures and appliances under normal conditions; and (b) avoids the likelihood of leakage; and (c) allows reasonable access to components likely to need maintenance; and (d) allows the system and any backflow prevention devices to be isolated for testing and maintenance.	All Double Lin products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to flow rates testing that is within the limitation set by the AS/NZS 3500 (NZBC) and the WELS regulations.  All backflow prevention products comply with the WaterMark requirements.  Refer Appendix 2.

#### NOTE Re WaterMark

WaterMark is not compulsory for the New Zealand market. The products listed in these WaterMark certificates, as shown below.

It must be noted that all Double Lin products complies with the various requirements as stated above for the NZBC.

Products supplied into the New Zealand market might not be listed on these certificates but can be imported and used within the New Zealand building industry.

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## Refer WaterMark certificate and schedule of products

WM 25048 to AS 3718:2021 Water supply – Tapware  
[SAI Global - Certification Register - Schedule](#) for WM 25048

WM 25050 to AS 1628:1999 Water supply – Metallic gate, globe and non-return valves  
[SAI Global - Certification Register - Schedule](#) for WM 25050

WM 26535 to AS/NZS 2845.1:2022 Water supply – Backflow prevention devices  
[SAI Global - Certification Register - Schedule](#) for WM 26535

WM 25049 to WMTS 012:2018 In-line valves for use in plumbing water supply systems  
[SAI Global - Certification Register - Schedule](#) for WM 25049

## Design, construction and installation instructions

### Installation Instructions

Double Lin ball valves installation is to be done by registered plumbers. Installation Instructions are supplied with the product.

Please refer: [Double Lin](#)

### Maintenance requirements

Service/cleaning instructions are available for download as mentioned above for all Double Lin ball valves.

Please refer: [Double Lin](#)

### Warranty

Refer warranty statement (Terms and Conditions) as shown in Appendix 3

### Limitations

Limitations and use are specified in the technical information sheets obtainable from the website and differs by product.

### Quality assurance

The following certifications has been accredited to the product and/or manufacturer.

Double Lin has a variety of certifications including:

- ISO 9001 Quality Management
- WRAS certification
- WaterMark certification

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## Product support

Product data available are as shown above in section: Technical Information, Installation Instructions, Maintenance Instructions.

Full product support can be found at:

HYDROFLOW DISTRIBUTORS LTD  
221 Bush Road  
Rosedale, Albany, North Shore  
Auckland  
Tel: +64 9 415 6151

## Manufacturer

All Double Lin products are manufactured by Double Lin USA: [Quality Brass Ball Valves & Brass Gas Valves factory from China \(double-lin.com\)](https://www.double-lin.com) and imported and distributed by Hydroflow.

## Warnings and Bans

There is no warning or ban applicable on any Double Lin products, subject to the Building Act 2004, Section 26.

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## Appendix 1 – ISO 9001 certificate



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## Quality Management System Certificate of Approval

This is to certify that the QMS of

**Zhejiang Double-Lin Valves Co., Ltd.**

Unified Social Credit Code:9133102169125878XA

(Yanpan Village) Hardware Industrial Function Area, Ganjiang Town, Yuhuan City, Zhejiang, China

Has been assessed and found to meet the requirements of

**GB/T 19001-2016/ISO 9001:2015**

This certificate is valid for the following scope of operations:

Manufacture of Brass Valves, Plumbing Pipe Fittings, Stainless Steel Gas Hoses, Braided Flexible Hoses,  
Heating System (Hot Water Heating System), Drainers

Date of Certificate Issue: Mar, 19, 2019

Certificate Valid Until: Mar, 18, 2022

Certificate Number: **QM171903039**

Initial Certificate Issue: Apr, 03, 2013

The validity of the registration will be continued only when the organisation pass the annual surveillance audit.

Check the validity of certificate at [www.cnca.gov.cn](http://www.cnca.gov.cn) or [www.das-china.com](http://www.das-china.com)

Surveillance Audits:



Authorized by:

Chief Executive



**Shanghai DAS Certification Co., Ltd. , member of SN Registrars(Holdings) Ltd.**

Add:505, Tower. 2, Guoson Center, No. 388, Zhongjiang Road, Shanghai, P.R.China, 200062

Tel: 0086-21-62773910 Fax:0086-21-62080319

Web:<http://www.das-china.com>

Email: [info@das-china.com](mailto:info@das-china.com)

UK Head Office: **DAS Certification Limited (On Behalf of SN Registrars (Holdings) Limited)**

ADD: Registration House, 22b Church Street, Rushden,

Northamptonshire, NN10 9YT, UK

Tel:+44(0)1933 381859

Email: [info@dascertification.co.uk](mailto:info@dascertification.co.uk)

Web: [www.dascertification.co.uk](http://www.dascertification.co.uk)

Company Number: 07659067



## Appendix 2 – WaterMark certificates

WM 25048 to AS 3718:2021 Water supply – Tapware  
[SAI Global - Certification Register - Schedule](#) for WM 25048

WM 25050 to AS 1628:1999 Water supply – Metallic gate, globe and non-return valves  
[SAI Global - Certification Register - Schedule](#) for WM 25050

WM 26535 to AS/NZS 2845.1:2022 Water supply – Backflow prevention devices  
[SAI Global - Certification Register - Schedule](#) for WM 26535

WM 25049 to WMTS 012:2018 In-line valves for use in plumbing water supply systems  
[SAI Global - Certification Register - Schedule](#) for WM 25049



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# CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

## Zhejiang Double-Lin Valves Co., Ltd.

Yanpan Hardware Industry Area, Ganjiang Town, Yuhuan, Zhejiang China

### WaterMark Certificate of Conformity

Evaluated to:

**AS 3718:2021 - Water supply - Tap ware**

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on [www.saiglobal.com](http://www.saiglobal.com) which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions.

This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

**Certificate No:** WMKA25048

**Issued :** 3 May 2023  
**Expires :** 23 June 2026

**Originally Certified :** 24 June 2011  
**Current Certification :** 2 May 2023

Calin Moldovean  
President, Business Assurance  
SAI Global Assurance



**WaterMark**



[WWW.JAS-ANZ.ORG/REGISTER](http://WWW.JAS-ANZ.ORG/REGISTER)



**ABCB**

\* For details of manufacture, refer to the licensee

The WaterMark is a registered certification trademark of Australian Building Codes Board ABN 74 599 608 295 and is issued under licence by SAI Global Certification Services Pty Limited (ACN 108 716 669) ("SAI Global") 650 Lorimer Street, Port Melbourne VIC 3207, GPO Box 5420 Sydney NSW 2001.

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# CERTIFICATE OF CONFORMITY

SAI Global hereby grants:

## Zhejiang Double-Lin Valves Co., Ltd.

Yanpan Hardware Industry Area, Ganjiang Town, Yuhuan, Zhejiang China

### WaterMark Certificate of Conformity

Evaluated to:

**AS 1628-1999 - Water supply-Metallic gate, globe and non-return valves**

"the WaterMark Licensee" the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on [www.saiglobal.com](http://www.saiglobal.com) which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions.

This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

**Certificate No:** WMKA25050

**Issued :** 28 April 2023  
**Expires :** 23 June 2026

**Originally Certified :** 24 June 2011  
**Current Certification :** 28 April 2023

Calin Moldovean  
President, Business Assurance  
SAI Global Assurance



**WaterMark**



[WWW.JAS-ANZ.ORG/REGISTER](http://WWW.JAS-ANZ.ORG/REGISTER)



**ABCB**

\* For details of manufacture, refer to the licensee

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SAI Global hereby grants

## Zhejiang Double-Lin Valves Co., Ltd.

Yanpan Hardware Industry Area, Ganjiang Town, Yuhuan, Zhejiang China

### Watermark Certificate of Conformity - Level 1

Evaluated to: **AS/NZS 2845.1:2022 - Water supply - Backflow prevention devices - Materials, design and performance requirements**

“the WaterMark Licensee” the right to use or arrange the use of the WATERMARK as shown below only in respect of the goods described and detailed on the product schedule identified on [www.saiglobal.com](http://www.saiglobal.com) which are produced by the WaterMark Licensee or on behalf of the WaterMark Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the WATERMARK and the Terms and Conditions for certification. The WaterMark Licensee covenants to comply with all the Rules and Terms and Conditions

**Certificate No: WMK26535**

**Issued: 27 June 2023**

**Expires: 11 May 2025**

**Originally Certified: 12 May 2020**

**Current Certification: 24 June 2023**

Calin Moldovean  
President, Business Assurance  
SAI Global Assurance



**\* For details of manufacture, refer to the licensee**

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# CERTIFICATE OF CONFORMITY

SAI Global hereby grants

## Zhejiang Double-Lin Valves Co., Ltd.

Yanpan Hardware Industry Area, Ganjiang Town, Yuhuan, Zhejiang China

### Watermark Certificate of Conformity

Evaluated to: **WMTS 012:2018 - In-line valves for use in plumbing water supply systems - Miscellaneous types metallic and non-metallic**

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This Certificate is issued by a JAS-ANZ accredited certification body. The Scheme Owner, Administering Body and Accreditation Body do not in any way warrant, guarantee or represent that the product the subject of this Certificate conforms to the WaterMark Certification Scheme Rules, nor accepts any liability arising out of the use of the product. The Scheme Owner disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.

**Certificate No: WMKA25049**

**Issued: 7 March 2023**

**Expires: 23 June 2026**

**Originally Certified: 24 June 2011**

**Current Certification: 4 March 2023**

Calin Moldovean  
President, Business Assurance  
SAI Global Assurance



**\* For details of manufacture, refer to the licensee**

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## Appendix 3 – AU & NZ Warranty (Terms and Conditions)



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浙江达柏林阀门有限公司  
ZHEJIANG DOUBLE-LIN VALVES CO., LTD.  
GENERAL WARRANTY

Date: Nov-06-2023

We, ZHEJIANG DOUBLE-LIN VALVES CO., LTD, certify through this document the general warranty granted for our products:

Product Name	Warranty ( time )
BRASS VALVES	3 years counted from date of shipment or from installation, whichever occurs first.

Our commitment is to comply with above terms of warranty of the supplied products.

With thanks & Warm regards we are giving this document duly signed and stamped.

COMPANY'S FULL NAME **ZHEJIANG DOUBLE-LIN VALVES CO.,LTD**

SIGNATURE OF PERSON IN CHARGE

NAME OF THE PERSON IN CHARGE **LinHailin**

JOB POSITION OF PERSON IN CHARGE **Chairman**

浙江达柏林阀门有限公司  
ZHEJIANG DOUBLE-LIN VALVES CO.,LTD  
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