

# STAD ZERO, balancing valves for pressure class PN25

Holder/Issued to

## IMI Hydronic Engineering AB

524 80 Ljung, Sweden

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Phone: +46513-540 00, Fax: +46513-508 44.

Web: [www.imi-hydronic.com](http://www.imi-hydronic.com)

### Product description

Balancing valves STAD ZERO (PN25) are equipped with female threads in dimensions: G 3/8", G 1/2", G 3/4", G 1", G 1 1/4", G 1 1/2" and G 2". The valves are made of dezincification resistant brass alloy CuZn21Si3P.

### Intended use

Balancing valve for cold and hot tap water and heating and cooling systems where the quality of the water is similar to water from municipal facility. The maximum operating pressure is 25 bar (2,5 MPa), and where the water temperature momentarily not exceed 95 °C or continuously not exceed 70 °C.

### Trade name

STAD ZERO

### Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations

6:62, 1st sentence and 2nd paragraph and general recommendation

Design

6:625, 1st and 4th paragraph

### Associated documents

Technical specification STAD ZERO ed.1 01.2020.

### Control

The factory production control (FPC) is monitored by an independent inspection body.

Control agreement: no. 210-96-0743. Inspection body: RISE Research Institutes of Sweden AB.

When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in accordance with the requirements stated in the approval and the associated documents. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this approval is based.

Type approval C001111 | 2020-02-18

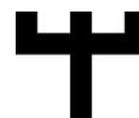
RISE Research Institutes of Sweden AB | Certification

Box 857, SE-501 15 Borås, Sweden

Phone: +46 10-516 50 00

certifiering@ri.se | [www.ri.se](http://www.ri.se)

2017-07-05



### Manufacturing place

Production control includes the following place:  
IMI Hydronic Engineering AB, Ljung, Sweden.  
IMI Hydronic Engineering Olkusz Polen

### Marking

The products are to be marked at the factory.  
The marking consists of a label/text on every product/packing supplied and includes:

#### Product is marked with:

Trade name  
Product type designation  
Dimension  
Pressure class

IMI, TA  
ZERO  
DN  
PN 25/400 WWP

#### Packing is marked with:

Approval holder  
Boverket's registered trademark  
Accreditation number  
Product type designation  
Approval number  
Dimension  
Operator code + week  
Certification and inspection body

IMA TA   
†  
1002  
STAD ZERO  
C001111  
dimension  
no. + week  
RISE

### Basis for judgement/approval

Report 8312,11, 8312,91 and P903085 from SP Technical Institutes of Sweden.  
Report ETz 7P07281 from RISE Research Institutes of Sweden.

### Comments

Balancing valves are approved in accordance with the Nordic Product Rules No. 13 "Product Rules for shut-off valves", dated October, 1989 and some applicable parts of SS-EN 1213.

### Validity

Valid through 2025-02-17.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

*This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.*