

Balancing valves STAD, STAD-R and STS for pressure class PN25

Holder/Issued to

IMI Hydronic Engineering AB

524 80 Ljung, Sweden

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Product description

Balancing valves STAD (PN25) and STS (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".

Balancing valve STAD-R (PN25) for renovation, with reduced throughput is equipped with female threads in dimensions: G 1/2", G 3/4" and G 1".

STS is a version with plugged measuring sockets close to the shut-off, otherwise similar STAD.

Balancing valves are made of dezincification resistant brass alloy.

Intended use

Balancing valve for 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, STAD-R and STS.

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 7 PBL, in respect to and under conditions stated in this certificate.

Associated documents

STAD Balancing valves DN 10-50, PN 25 EN, 10 pages, ref. no. 5-5-10 STAD (PN 25) ed.2 07.2018.

STAD-R Balancing valves DN 10-50 with reduced Kv, 8 pages, ref. no. 5-5-10 STAD-R (PN 25) ed.1 07.2018.

STS Globe Valves Shut-off valve with measuring point, 4 pages, ref.no. 5-5-10 STS (PN 25) 07.2018.

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 SC1415-17 | 2018-04-24

RISE Research Institutes of Sweden AB | Certification
Box 857, SE-501 15 Borås, Sweden
Phone: +46 10-516 50 00
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2017-07-05



7P08853



Manufacturing place

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

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	IMI, TA
Dimension	DN
Pressure class	PN 25/400 WWP

Packing is marked with:

Approval holder	IMA TA
Boverket's registered trademark	†
Certification body and accreditation number	RISE Certifiering 1002
Product type designation	according to trade name
Approval number	SC1415-17
Dimension	dimension
Operator code + week	no. + week
Inspection body	RISE

Basis for judgement/approval

Report 8312,11 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 2023-04-23.

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.

Marcus Tillman

Ingvar Pettersson

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.