

## TA-Therm-D, Thermostatic circulation valve

Holder/Issued to

## IMI Hydronic Engineering AB

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**Product description**

Thermostatic circulation valve, DN 15 and DN 20. The valve opens when the temperature of the domestic hot water upstream of the valve is lower than the set temperature and when the supply temperature exceeds the set temperature the valve closes. Temperature setting occurs steplessly. The valve also has a shutdown function.

The valve can be obtained with or without a thermometer or with a measurement. Valve is made of type approved dezincification resistant brass alloy and coating T.E.A. PLUS®.

Connection to pipe is made with internal thread G ½ or G ¾, can be supplemented with clamping ring TA-KOMBI (type approved according to certificate 2176/73).

**Intended use**

Thermostatic circulation valve for automatic adjustment of hot water circulation in housing.

**Trade name**

TA-Therm-D

**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
Hot water temperatures for personal hygiene and household purposes	6:621
Design	6:625, 1st and 4th paragraph

\*The products complies with Boverket's (the National Board of Housing, Building and Planning) updated threshold value for max. amount of dissolved lead as described in BBR 21, 2014-06-17.

**Associated documents**

Installationsmanual, TA-Therm, TA-Therm-D installationsanvisning 2017.07.

Technical specifications, TA-Therm-D SE v.1 01.2017.

Technical specifications, TA-Therm-D EN v.1 06.2017.

Type approval SC1045-17 | 2017-07-12

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7P05025



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## 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, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this approval is based.

## Manufacturing place

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

## Marking

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

### Valves is marked with:

Approval holder  
Arrow for flow direction  
Material  
Dimension  
Nominal pressure

TA  
→  
DR  
DN 15 resp. DN 20  
PN 16

### Packing is marked with:

Approval holder  
Boverket's registered trademark  
Certification body and accreditation number  
Product type designation  
Approval number  
Dimension  
Inspection body

TA  
†  
RISE Certifiering 1002  
TA-Therm-D och productnumber  
SC1045-17  
DN15 resp. DN 20  
RISE

## Basis for judgement/approval

Report no.98E13157, 99E13280 and PX17386 from SP Technical Research Institute of Sweden.  
Report no. 7F011907-1 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.

Test according to NKB 13 is performed on three specimen to verify migration of nickel, results <80µg.

This approval replaces previous approval with number 0990-98 dated 2014-06-12.

### Validity


Valid through 2022-07-11.

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.

Ronald Green

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.*

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