

## SWEDISH TYPE APPROVAL 1869 WITH DECISION ON PRODUCTION CONTROL

### Holder: Broen A/S

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### BROEN Ballofix® manually operated stainless steel ball valves

#### Product description

Ballofix® standard valves including angle valves. The ball valve are with a housing made of stainless steel (AISI 316) The valve is opened and closed with a handle.

#### Intended use

Shut-off valve in the distribution of cold and hot tap water and heating/cooling systems, where the maximum allowable operating pressure is 1.0 MPa and where the operating temperature momentarily does not exceed 95 °C or continuously does not exceed 70 °C.

#### Scope

Ballofix® angle ball valve with threaded connections

#### Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, "3. Protection with regard to hygiene, health and the environment", depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Tap water installations	6:62, paragraph 2
Design	6:625, paragraph 1 and 4

#### Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:	BROEN
Product name, and relevant article number:	Ballofix® ball valve (article number)
Production site:	Place of manufacture concerned
Traceability to the production:	(e.g. yyyy-mm-dd or batchnumber)
Information about requirements or class, if relevant:	Dimension
The registered trademark of Boverket No 241 217:	†
Certification Body:	Kiwa Certification AB
Accreditation number:	1913
Type Approval No:	1869
Inspection Body:	Kiwa Certification AB

#### Kiwa Certification AB

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**Production site(s):**

1. Broen A/S, Assens, Denmark
2. Broen Sp. Z.o.o. Poland

**Control**

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **Kiwa Certification AB**

Inspection agreement: **953/2018, updated 25 Aug 2020**

Factory production control shall be carried out in accordance with the current instructions for control.

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to the current agreement and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification AB at the e-mail address [se.annualreporting@kiwa.com](mailto:se.annualreporting@kiwa.com) about continuing surveillance.

**Associated documents**

Installation instructions – BROEN Ballofix® Vinkelkulventil, edition: BFFV-2023-V1-SE

**The assessment basis for the approval**

Test report No. 191294 - Teknologisk Institutt, Danmark (DTI)

Assessment report No. 526/2023, dated 25 Nov 2023 by Kiwa Certification AB.

**Comments**

- BROEN Ballofix® ball valves are tested according to EN 13828

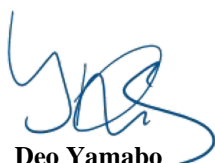
The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Certification AB.

Date of decision: 30 Nov. 2023

Registration number: 526/2023

Valid until: 29 Nov. 2028

Previous registration number:



Deo Yamabo



Johnny Ostenfeldt