

Hagab Inert gas damper IRBB and ICBB

Holder/Issued to

Hagab Industri AB

Box 135, 562 02 Taberg, Sweden

Product description

Hagab Inert gas damper IRBB, pressure relief damper, is a rectangular insulated damper with insulated damper blade. Max. dimension $B \times H 1000 \times 800$ mm.

Hagab Inert gas damper ICBB, pressure relief damper, is a circular insulated damper with insulated damper blade. Max. dimension Ø 630 mm.

Intended use

Inert gas damper is installed as pressure relief damper in rooms equipped with stationary extinguishing systems, this to prevent damage to building structures due to pressure increase from the extinguishing system. Normally the damper is closed and protects the room from fire / fire gases in case of fire in adjacent areas. In case of fire, the inert gas damper is activated with a built-in drive unit and is opened by the pressure in the extinguishing system. When the atmospheric pressure and the extinguishing agent concentration have been calculated, the damper closes.

Trade name

IRBB and ICBB

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 2 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR) issued by the National Board of Housing, Building and Planning.

Fire resistance class EI 60 / EI 120

5:231

Applies to mounting on concrete or concrete floors, as well as concrete, light concrete, brick or flexible wall (metal stud gypsum plasterboard wall) and ventilation ducts.

Associated documents

"Inertgasspjäll ICBB Installation, drift och skötsel", dated 2017. "Inertgasspjäll ICBB Datablad", dated 2017. "Inertgasspjäll IRBB Datablad", dated 2018-11. "Inertgasspjäll IRBB Installation, drift och skötsel", dated 2018-11. "Inertgasspjäll ICBB IRBB Produktblad", dated 2018-11.

Control

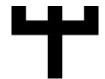
The factory production control (FPC) is monitored by an independent inspection body.

Type Approval SC0001-13 | 2023-11-17 RISE Research Institutes of Sweden AB | Certification

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Page 1 (2)



Type Approval and decision on production control

Control plan "till Inertgasspjäll IRBB, ICBB och Backströmningsskydd Basic". 1999-01-18, Rev 2016-12-09, Inspection body: RISE

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 type 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 type approval is based.

Manufacturing place

Production control includes the following place: Hagab Industri AB, Taberg, Sweden.

Marking

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

Holder and manufacturing place Product type designation Consecutive manufacture no./date of production Type approval number Properties Boverket's registered trade mark RISE Accreditation number Certification body and Inspection body Hagab Industri AB, Taberg, Sweden IRBB or ICBB no./date SC0001-13 EI60 / EI120 **+** 1002 RISE

Basis for approval

Report P204868B and C, PX01502, P906140, P906144, P906146, PX01504, PX03837, 94E20484, 94E20542, 94R12500, 94R12482, 96R12800 A, 96R12800 C, 96E2 1162, P006620, 99R12496 and 3P03571 from SP Sweden Technical Research Institute. Drawings for ICBB according to drawing list dated 2018-11-21. Drawings for IRBB according to drawing list dated 2018-11-23.

Comments

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2013-11-25.

Validity

Valid through 2025-11-24.

The validity of this type approval can be verified at RISE homepage. The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Martin Tillander

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

Type Approval SC0001-13 | 2023-11-17

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