

Description

IKA laminated thermoinsulated wrapping insulation is an insulation system used for insulation of valves and other fittings in order to reduce heat loss, provide personal protection against burns and prevent valve actuators from excessive temperature increases.

IKA insulation is produced in two versions. IKA 150 is made of non-absorbing polyester with reduced flammability and is used at temperatures of the insulated surface up to 150 °C. IKA 220 is made of glass fibre provided with silicone coating and is intended for use on insulated surfaces with temperatures up to 220 °C. The central thermal insulating layer in both versions is made of mineral fibre felt laminated with reflective aluminium foil. For easy installation, the insulation is provided with Velcro flaps. Drawstrings at the ends allow proper tightening to the surface of the insulated equipment.

Use

IKA thermoinsulated wrapping is used especially for insulation of valves of steam-condensate and hot water piping systems. It is mainly used in power engineering, heat engineering, boiler and heat exchanger stations and wherever heat transfer media are distributed and it is desirable to prevent excessive heat loss.

The product provides personal protection against burns according to ČSN 07 0620, Article 413 (maximum temperature of the insulation surface does not exceed ambient temperature by more than 25 °C).

The product stands out for its fast and easy application. The insulation can be installed in any position.

Installation of the insulation

Wrap the insulation around the equipment to be insulated so that the drawstrings are on the side of the flanges. Press the Velcro flaps against the retaining strap. We recommend to initially tack the Velcro pads lightly to the strap and after tightening the strings fit and attach the flaps accurately and straighten the insulation.

Valve actuators and manual wheels must not be covered with the insulation. These control elements must protrude out of the insulation through a gap between the flaps.

When installing or removing hot fittings it is necessary to take extra care and wear appropriate protective equipment to prevent burns.

Note!

- Do not remove the insulating material from the insulation
- It is necessary to ensure that the outer surface of the insulation is not in permanent contact with not insulated items with a temperature exceeding 70 °C - there is a risk of damage to the Velcro flaps
- Use in outdoor environment and in chemical industry must be consulted with the manufacturer
- The product must not be exposed to flying cinders or sparks from grinding or cutting of materials or inappropriate mechanical stress
- It is also recommended, e.g. for steam distributors, to thoroughly insulate all piping components so that the laminated thermal insulation is not exposed to external thermal radiation from non-insulated fittings
- The product is intended for installation and use in standard environment (no explosion hazard)

Maintenance

The product does not require any special maintenance. Clean the inner fabric from dust and other contaminants with a damp soft brush. To be stored in a dry place.

Warranty terms and conditions

The product is warranted by the manufacturer for 24 months from the date of shipment. In case of defect, the product must be send to the manufacturer's address, where it will be determined whether it is eligible for warranty, and repaired or replaced. The warranty does not cover defects caused by mechanical damage, normal wear, or use of the product in a manner inconsistent with technical documentation.

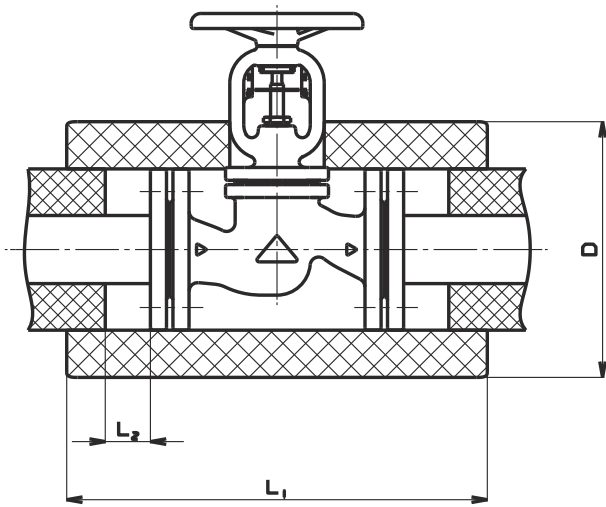
The manufacturer is not liable for the function and safety of the product under conditions other than specified in these instructions for installation and maintenance and the data sheet of the product. For any use of the product under different conditions, please consult the manufacturer.

Waste disposal

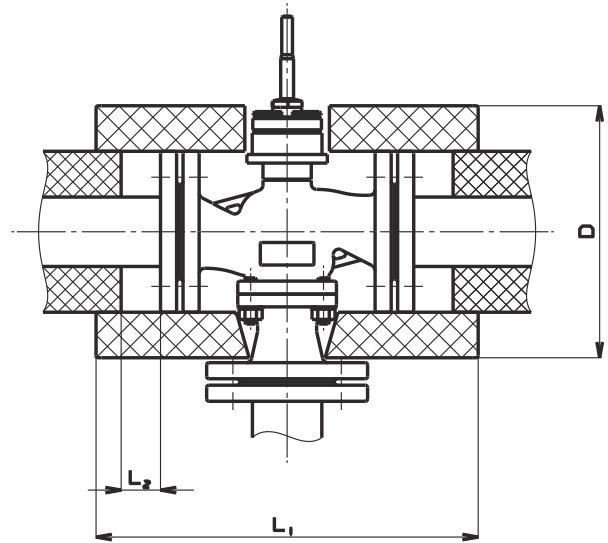
Products after they are disposed of in normal manner, for example by handover to a specialized company, or to a municipal waste collection point.

Summary of insulation versions and method of installation

IKA xxx V2

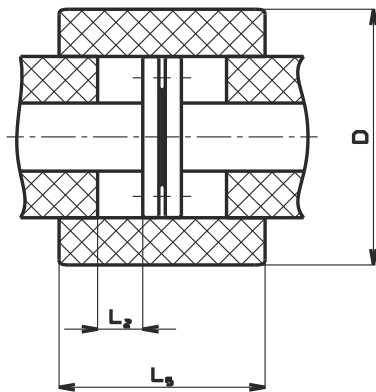


IKA xxx V3

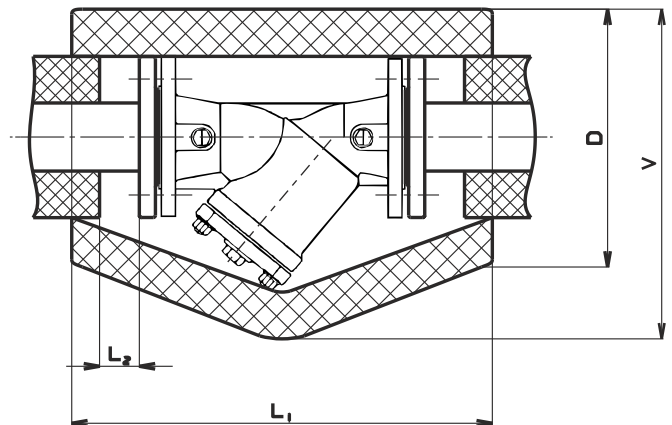


Execution V2 is suitable for the valves series RV/UV/HU 2x0, 2x1, 2x2, 2x3; UV 116, 216, 226, 236
 Execution V3 is suitable for the valves series RV 2x4, 2x5

IKA xxx PR



IKA xxx FP



Execution PR is suitable for flange connections and angle of three-way valves series RV 2x4, 2x5
 Execution FP is suitable for flanged strainers series FP 110, 210, 220



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