

## UVS-M

### Rectangular fire dampers with actuator

Flange F = 20 mm. (30 mm flange is possible upon request).

Certified fire dampers signed with CE mark.

24T/230T – 24V/230V actuator equipped with Thermal tripping device

24TST /230TST – 24V/230V actuator equipped with Thermal tripping device and connection plugs.

Fire resistance information is provided on „Fire dampers booklet“.



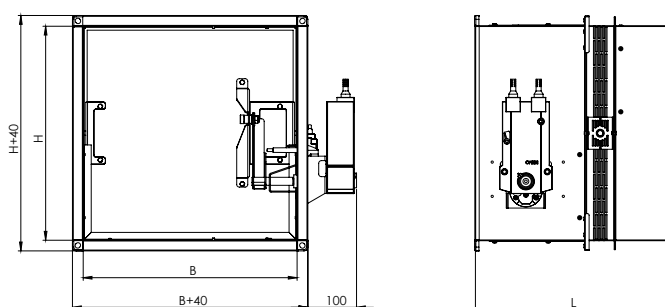
B – width, mm	H – height, mm	L – length, mm
150 ÷ 1200	150 ÷ 1000	370

#### Introduction

Fire dampers are usually a part of HVAC (heating, ventilation, and air conditioning) system and are installed together with ducts. These kinds of dampers are used for passive fire protection by sealing off duct openings in fire-proof construction.

The main aims of fire dampers are:

- to prevent spreading toxic gases, fumes, heat and fire;
- to reduce property damage;
- to increase the effectiveness of other fire protectionsystems.



#### Highlights and facts

- EI120S in solid walls, in light walls, in ceiling
- Most recent one-piece casing production technology
- Casing leakage class C acc. to EN 1751
- Blade leakage class 3 acc. to EN 1751
- Length only 370 mm
- Manufactured in accordance with EN 15650
- Tested for fire resistance properties according to EN 1366-2
- Classified based on EN 13501-3 standard regulations
- Conforms to the requirements of the Construction Products Directive and relevant CE marking
- Easy mountable due low weight
- Perforation used as thermal bridge
- Inspection hatch is integrated directly into casing
- 20 mm high integrated airduct connecting flange or 30 mm high separate flange.

#### Actuators versions

**M24T** - 24 V AC/DC actuator with thermo tripping device.

**M230T** - 230 V AC actuator with thermo tripping device.

**M24TST** - 24V AC/DC actuator with thermo tripping device and connecting plugs for control and monitoring systems.

**M230TST** - 230 V AC actuator with thermo tripping device and connecting plugs for control and monitoring systems.

#### Accessories for TST actuators

**B** - Bracket for Belimo Communication and power supply unit (BKN230)

**BK** - Bracket with Belimo Communication and power supply unit (BKN230-24)

**BKD** - Bracket with Belimo Communication and power supply unit (BKN230-24 -MOD) (MODBUS communication)

**BKP** - Bracket with Belimo Communication and power supply unit (BKN230-24-C-MP) (MP-BUS communication)

#### Materials

The UVS fire damper includes zinc-coated sheet metal, fire-resistant calcium silicate boards, non-aging graphite-based intumescent sealant, a trace amount of brass, and fire silicone. The materials are processed

with advanced equipment in accordance with health and safety regulations. The packaging materials include wood, cardboard, and plastic wrap.