

BSV-EI

Fire curtain



The BSV-EI is an automatic fire protection curtain that effectively limits and controls fire in the event of an emergency. With EI60 and EI120 classifications, it provides maximum safety and insulating properties to protect people and assets.

Material

Five-layer structure made of fiberglass and intumescent materials:

Two outer layers: fiberglass fabric with intumescent coating

Two intermediate layers: fiberglass fabric with intumescent coating and wire reinforcement

One central layer: silica fabric with aluminum coating on both sides

Casing

Galvanized steel, 1.2 mm thick, adaptable to architectural requirements

Side Guides

Galvanized steel, 1.5 to 3 mm thick

Roller

Galvanized steel, 3 mm thick, 85 mm diameter

Drive Unit

230 V tubular motor, max. output 435 W / 120 Nm, speed 0.11 m/s

Control System

CBM control panel, including UPS system for emergency operation

CE CERTIFIED
EN 1634-1
EN 13501-2
EN 16034

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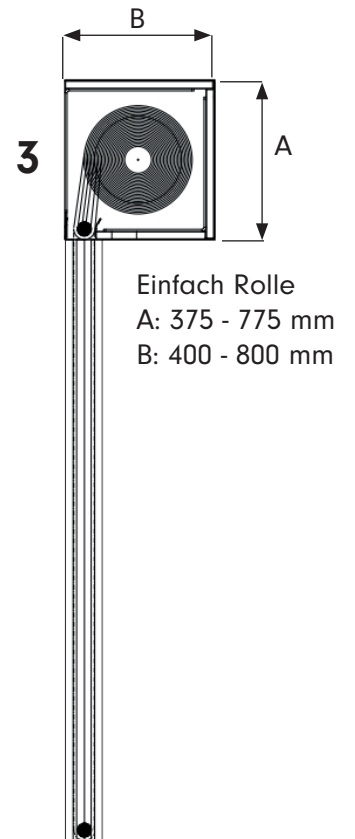
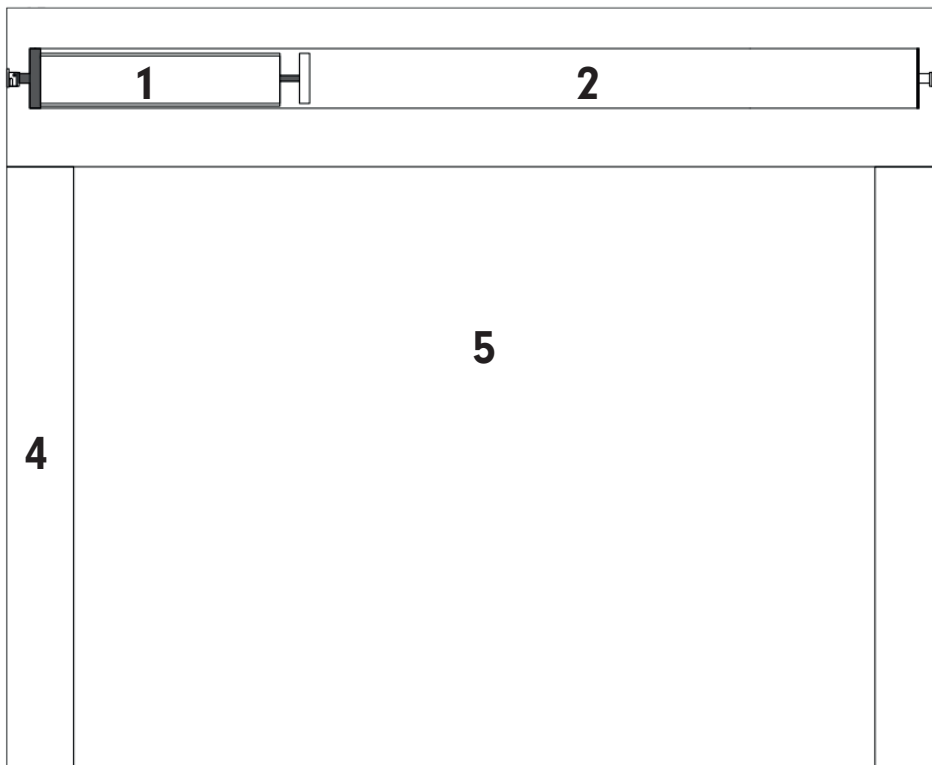
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1. 230 V tubular motor
2. Roller made of galvanized steel
3. Casing made of galvanized steel
4. Side guides made of galvanized steel
5. Fire-resistant fabric with five-layer construction:
 - Two outer layers of fiberglass fabric with intumescent coating
 - Two intermediate layers of fiberglass fabric with wire-reinforced intumescent coating
 - One central layer of silica fabric with aluminum coating on both sides

Fire resistance rating: **EI60, EI120**

E ... Integrity: The component prevents the passage of flames and smoke.

I ... Insulation: Heat transfer remains below defined limits
(typically < 140 °C on the side not exposed to fire).

60 ... Minutes: The component maintains above properties for 60 minutes (1 hours).

120 ... Minutes: The component maintains above properties for 120 minutes (2 hours).