

FIRELOCK® B120E

- 30/60/90/120 minutes fire resistant
- Physical fire shutter
- EW classification (EN 1634-1)
- Suitable for baggage handling systems & conveyor belts
- Customized control options
- GFS – Gravity Fail Safe available
- Easy to install, use and maintain



FIRELOCK® B120E are engineered and constructed to combine fire protection and quality.

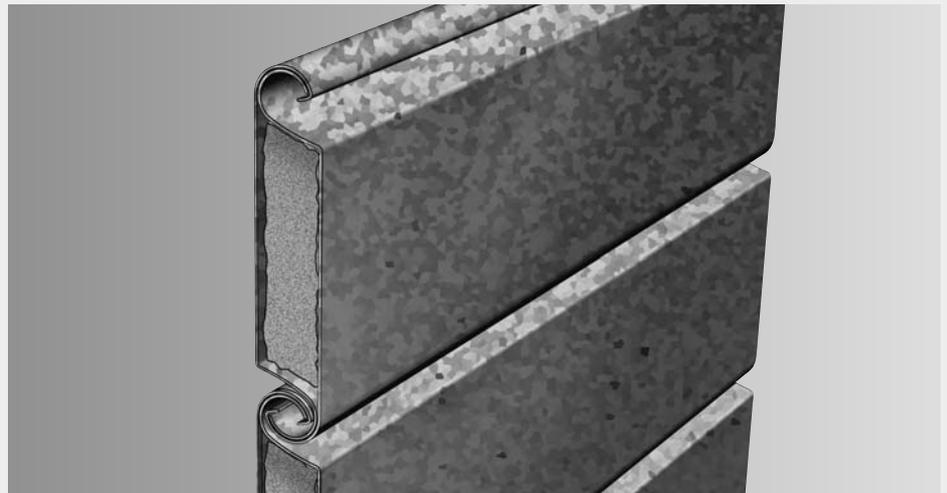


Hoefnagels Branddeuren bv

Zevenheuvelenweg 50
P.O. Box 5036
5004 EA Tilburg
The Netherlands

Tel. +31 (0)13 462 59 59
Fax +31 (0)13 467 03 71

info@hoefnagels.com
www.hoefnagels.com



Fire rated roller shutter

The primary objective of a fire shutter is to prevent fire from spreading. Firelock® B120E fire shutter can be connected to the fire alarm system, so it will close on receipt of an alarm signal. The fire shutter is constructed from a double wall galvanized steel section and reinforced with a rock wool insulation.

Controls

Firelock® B120E fire shutter is standard equipped with a push-button control and dead-man's handle.

Key features

Installation	: To the wall.
Application	: Airports, retail, food processing, petrochemical, underground stations and storage units.
Purpose	: Designed for improved protection from fire and smoke for a specific period of time.
Fire resistance	: In accordance with EN 1634-1; and complies with criteria; <ul style="list-style-type: none"> - Integrity E 132 minutes - Heat radiation limitation W 132 minutes
Test results	: IFC (FTR/9741/02) according to EN 1634-1:2001
Maximum Size	: - 120 minutes, 3200mm x 3200mm (wxh) - 30,60, 90 minutes, 4000mm x 4250mm (wxh)
Material	: Double wall galvanized steel reinforced with a rock wool insulation.
Lath thickness	: 22 mm.
Lath height	: 100 mm.
Sheet thickness	: 0.8 mm double wall.
Weight / m ²	: 30 kg / m ² .
Safety device	: According to EN 12604 and EN 12605.
Side guides	: Galvanized steel with intumescent insulating material (119 x 79 x 119mm).
Bottom rail	: Steel U-profile.

Operation

Firelock® B120E fire shutter can be equipped with a ⁽¹⁾230/380 volt tubular motor with external safety brake device, an ⁽²⁾external chain drive with integrated safety brake, or a ⁽³⁾special Gravity Fail Safe (GFS) chain motor so that the fire shutter will also close upon loss of power.

Smart Control

Smart Control box can be connected to the central fire alarm system and offers the following control options:

- Main control
- Smoke- and temperature detection
- Universal interlock function
- Bottom rail safety device / Photocell safety beam sensors
- Various control options can be designed for your needs

Options

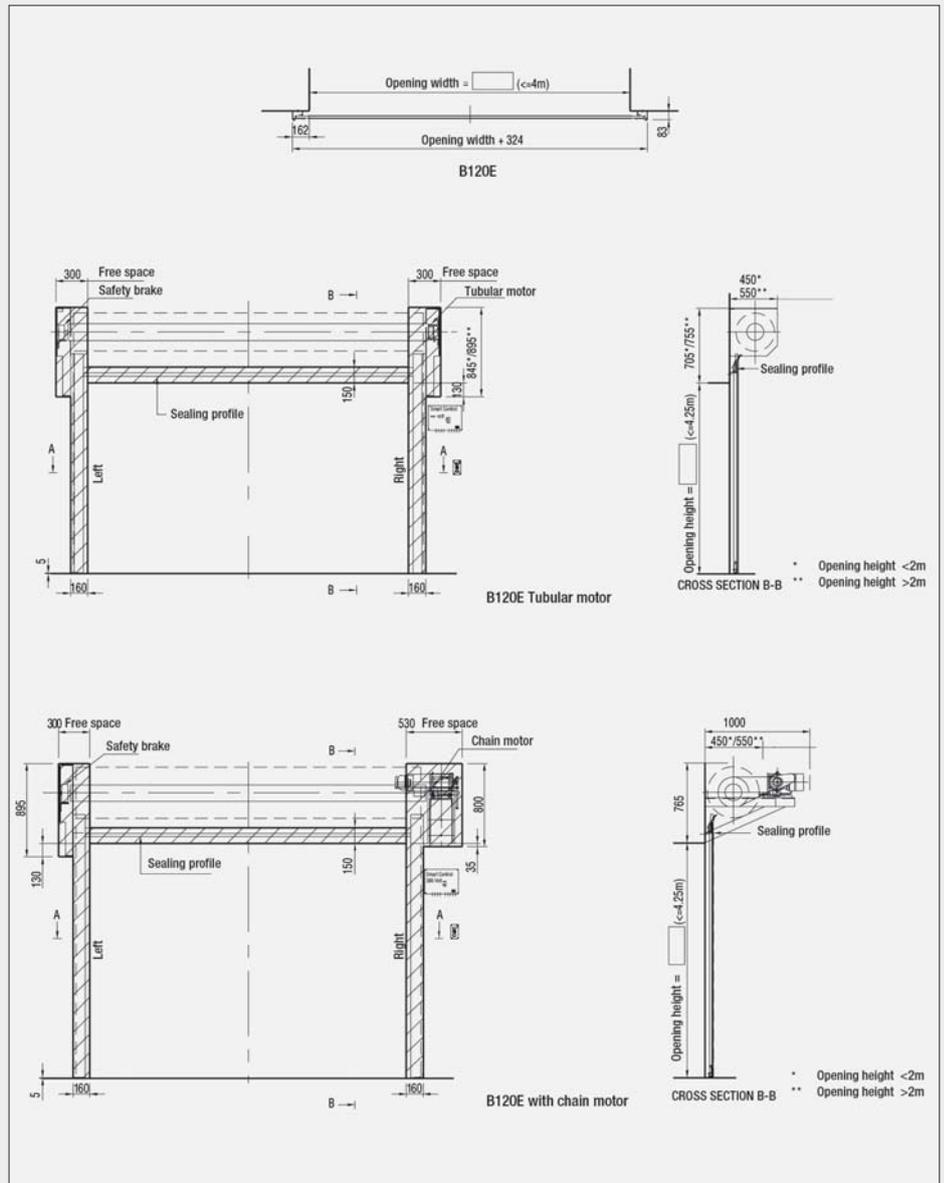
Battery backup	: A 24Volt battery backup system is available as an option in the event of a power failure. The shutter is retained in its retracted position for a set period. (Only available with ⁽³⁾ GFS chain motor).
Emergency manual control	: Detachable handle, chain hoist or by means of flywheel. (Only available with ⁽³⁾ GFS chain motor).
Powder coating	: Side guides, headbox and consoles in RAL color.
Headbox	: One-, two-, three-, or four-sided, with or without hood.
Stainless steel	: Side guides, headbox and consoles in stainless steel - Grade 304. (No brush finish).
Detectors	: Smoke- and temperature detectors.
Warning signs	: Lights and sounders.

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Typical applications; baggage handling systems, conveyor belts & food processing areas.



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 The Netherlands

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 Fax +31 (0)13 467 03 71

info@hoefnagels.com
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