

HIGH-SPEED ROLL-UP DOOR, type "EFA-SRT® FR"

Manufacture, delivery and installation of:

The high-speed roller door type "EFA-SRT® FR" contains all the basic features of modern door technology, such as **dynamic door leaf tension and a counter-tension** device using springs. The standard door leaf is made from an approx. 2mm thick, transparent PVC curtain with warning strips and wind protection.

Appropriate **additional equipment**, such as a **motion detector in the direction of escape** and a **work current brake, which are included**, allow the door system to be **used in escape and rescue routes**. A corresponding **TÜV certificate** enables **unproblematic individual acceptance** by the responsible authority!

OPENING SPEED: Up to approx. 1.6 m/s
Max. DOOR LEAF SPEED: Up to 2.0 m/s
(depending on door size)

CLOSING SPEED: Up to approx. 0.75 m/s

The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate plastic switch cabinet, protection Class IP 65. Connection to electricity 230V/ 50 Hz on site.

The scope of delivery includes an electrical **safety contact edge** according to DIN EN12453, self-monitoring: the supply cable must be routed in a protected energy chain within the door frame.

Regulations according to DIN EN 13241-1 are fulfilled;

for clear passage opening

Width = mm x Height = mm

Manufacturer Proof:

EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG
www.efaflex.com

OPTIONS for High-Speed Roll-Up Door "EFA-SRT®-ECO"

Cover of the winding shaft/ motor:

Engine cover

Complete coverage of motor and shaft

Surface:

Powder coating of all galvanised steel parts in a colour according to RAL _____ (metallic colours are not available)

or

Stainless steel version (V2A) of all visible steel parts, visible surface ground, grit 220,

incl. control cabinet made of V2A, e.g. for wet operation

Alternative Security System:

Supplement for self-monitoring, TÜV-tested **DOOR LIGHT GRID** (EFA-TLG®), fully protected and integrated in the side frames of the door. The light curtain acts directly on the door closing level and creates an almost full-surface infrared light curtain up to a height of 2.5 m. Obstacles are detected without contact. The closing movement then stops immediately. This means that reverse operation can be initiated at a much earlier point in time. Contact edge and/or light barrier(s) are omitted.

Special Curtains:

Polyester fabric 2.0 mm thick, laterally stable, FDA approved

red / orange / yellow: not antistatic, silicone-free

blue / grey-white: antistatic, silicone-free,

as before, however

with sight strips made of fully transparent PVC

(in the case of a door curtain with a viewing window, only partially antistatic and partially approved for food industry)

Alternatively:

Polyester fabric 2.0 mm thick, black-grey, laterally stable, urethane-impregnated,

Flame retardant B1 (SE) according to DIN EN 20340 **antistatic, silicone-free**