

HIGH-SPEED ROLL-UP DOOR, type "EFA-SRT®-L Soft Touch"

Manufacture, delivery and installation of:

High-speed roll-up door type "EFA-SRT®-Soft Touch", with electro-mechanical high-performance door drive for indoor use that is not exposed to wind.

Equipped as standard with snap-in connections on both sides at the end of the door leaf to reliably prevent damage caused by accidental movement: In the event of an unintentional collision, the end of the door leaf can be pushed out of the guides on both sides. Sensors then report the "crash" to the controller so that the door movement is stopped immediately and the door system is opened without delay. Triggered by manual control actuation, the door moves to the "door closed" position, in which it engages automatically. Due to the easily deformable and highly flexible door leaf closure, a safety contact edge is not required.

To balance the weight of the door leaf, the door leaf tension and the manual opening of the door in the event of a power failure, a special tension spring mechanism must be integrated into the side door frames. This durable and extremely maintenance-friendly counter-traction device is mandatory. Constructions with torsion springs are not permitted.

Steel frame construction sendzimir galvanised as standard.

The door leaf is made of 0.8 mm thick, fabric-reinforced polyester, which is wound onto a horizontally mounted shaft. In addition, the side curtain guides are to be designed with special wind safety buttons.

The DOOR DRIVE is carried out by means of a geared brake motor, which is to be designed as a high-frequency motor. The door positions are permanently recorded using non-wearing, inductive proximity switches, with the end positions being determined electronically. Electromechanical limit switches are not permitted for this.

OPENING SPEED: Up to approx. 1.5 m/sec.
Max. DOOR LEAF SPEED: Up to approx. 1.8 m/sec.
(depending on door size)

CLOSING SPEED: Up to approx. 0.75 m/sec.

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.

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®-Soft Touch"

Cover of the Winding Shaft/ Motor:

Complete coverage of motor and shaft

Surface:

Powder coating of all visible 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

Curtain Variants:

Allowance for viewing window made of transparent PVC material

or

PVC curtain made of approx. 2 mm thick, fully transparent material with warning stripes

Warning stripes colours: red, orange, blue, yellow

or

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)