

HIGH-SPEED ROLL-UP DOOR, type „EFA-SRT-L Value®“

Manufacture, delivery and installation of

High-speed roll-up door, type „EFA-SRT-L Value®“, with electro-mechanical high-performance drive unit for permanent industrial application.

For the weight balancing of the door leaf and for manually opening the door in case of power failure (according to DIN EN 12604), a special tension spring mechanism is to be integrated into the lateral frame. This durable and extremely maintenance-friendly counter acting system is obligatory. Constructions using torsion springs are not admissible. Standard door leaf made of 0,8 mm thick PVC-coated polyester fabric, laterally led and wound onto horizontally supported shaft. Steel frame construction, completely sealed, sendizimir-galvanised as standard.

The DOOR is driven by a geared motor which has to be developed as high-frequency motor. The positions of the door are permanently detected by means of non-wearing, inductive proximity switches, with the limits being determined electronically. Electro-mechanical limit switches are not permissible for this.

OPENING SPEED: up to approx. 1.3 m/sec.
Max. DOOR LEAF SPEED: up to approx. 1.7 m/sec.
(depending on door size)
CLOSING SPEED: up to approx. 0.6m/sec.

The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate plastic switch cabinet, protection type IP 54. Connection to 230V / 50 Hz power supply on-site.

The scope of delivery includes an moveable, pre-running light barrier in combination with a stationary light barrier, both systems are located exactly in the door closing line.

Regulations pursuant to DIN EN 13241-1 are complied with;

for clear opening dimensions

Width = mm x Height = mm

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

OPTIONS for high-speed roll-up door, type „EFA-SRT-L Value ®“:

Cover of the winding shaft/motor:
complete covering over motor and shaft

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

or

stainless steel version (V2A) of all visible steel parts, visible surface polished, coarseness 220, incl. switch cabinet made of V2A, e.g. for wet operations

Alternative safety device:

Surcharge for door system with electrical, self-monitoring safety contact edge at the end shield instead of the pre-running light barrier

If necessary:

Automatic interim stop at a height of H = _____ mm

Curtain options:

Surcharge for transparent window made of fully transparent PVC

or

PVC-curtain made of approx. 2 mm fully transparent Material with warning stripes

Colors: red, orange, blue, yellow

or

polyester fibre 2.0 mm thick, transversely stable, FDA approved

red / orange / yellow: non-antistatic, silicone free

blue / moss green / pure white / papyrus white / light grey / signal grey / anthracite grey: antistatic, silicone-free,

as above, but

with transparent window made of fully transparent PVC

(in the case of door curtain with window only partly antistatic and partly approved for the food industry)