

HIGH-SPEED ROLLING DOOR, Type „EFA-SRT® -FR” (escape and rescue routes)

High-speed roller door type “EFA-SRT® -FR” with high-performance electromechanical door drive for continuous industrial use. The door system has a TÜV certificate, which must be submitted to the relevant building authority when installing the door system in escape and rescue routes. A reliable motion detector must be provided and installed in the direction of escape.

TECHNICAL FEATURES

- A special tension spring mechanism must be integrated into the side door frames to balance the weight of the door leaf and enable the door to be opened (in an emergency) in the event of a power failure. This durable and maintenance-friendly counterbalance device is mandatory. Designs with torsion springs are not permitted.
- Door leaf: Standard 2 mm thick PVC, fully transparent, guided at the sides and wound onto a horizontally mounted shaft; PVC door leaves generally feature vertical warning stripes. A maintenance-free door leaf tensioning system must be provided to keep the door leaf under constant tension when closing. In addition, the side CURTAIN GUIDES must be designed with special guide devices to ensure smooth winding and unwinding even under wind load. All-round sealed steel frame construction, sendzimir galvanised as standard.
- The **DOOR DRIVE** is powered by a gear motor brake, which must be designed as a high-frequency motor and equipped with a working current brake. The door positions are continuously monitored by wear-free, inductive proximity switches, with the end positions determined electronically. Electromechanical limit switches are not permitted for this purpose.
- Opening speed up to 1.6 m/s; closing speed up to 0.75 m/s
- The **MICROPROCESSOR CONTROL** is installed together with the integrated frequency converter in a separate control cabinet, protection class IP 65. Connection to 230V/50 Hz power supply provided by the customer. An additional input for the customer's fire alarm system signal must be provided.

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, up to Class 3
- Watertightness: DIN EN 12425, Class 0
- Air permeability: DIN EN 12426, Class 0

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

Stand 04/2025 – Subject to technical changes

DIMENSIONS OF THE CLEAR OPENING

Width = mm

Height = mm