

HIGH-SPEED ROLLER DOOR, Type „EFA-SRT®-EC“

High-speed roller door type “EFA-SRT®-EC”, preferred for wet-cleaned indoor areas, with high-performance electromechanical door drive for indoor use without wind load. Surfaces made of **V2A stainless steel**, material 1.4301.

TECHNICAL FEATURES

- The **frame covers** can be **folded forward and locked in place** for cleaning purposes. The frame covers are locked manually using a hand wheel during operation. The frames must have a **continuous drain opening** approx. 60 mm high in the base area, e.g. for condensate, cleaning media or water. The motor and winding roll must be completely **covered with a stainless steel cover**. This cover can **be folded up and locked** in two different positions, thus allowing easy cleaning of the winding roll.
- **Weight compensation** is achieved by maintenance-free and wear-free **counterweights**, which are galvanised and additionally coated against corrosion and integrated into both side frames. This design makes it easy to quickly **open the door in an emergency at any time**, for example in the event of a power failure. All you need to do is pull the standard pull cord. This releases the brake and the door opens automatically.
- Door leaf: Standard made of approx. 2 mm thick, transversely stable polyester fabric without viewing strips and must be approved in accordance with FDA regulations.
- The **DOOR DRIVE** is powered by a gear motor brake, which must be designed as a high-frequency motor. The door positions are continuously monitored by wear-free, inductive proximity switches, with the end positions being determined electronically. Electromechanical limit switches are not permitted for this purpose.
- Opening speed up to 1.5 m/s; closing speed up to 0.75 m/s
- The **MICROPROCESSOR CONTROL** is installed together with the frequency converter in a separate control cabinet made of V2A stainless steel (protection class IP 65). Connection to 230V/50 Hz power supply provided by the customer.

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, npd
- Watertightness: DIN EN 12425, npd
- Air permeability: DIN EN 12426, npd
- Sound insulation: DIN EN ISO 717-1, up to 11 dB(A)
- Thermal insulation: DIN EN 12428, npd

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