

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

High-speed roller door type “EFA-SRT®-ST” with high-performance electromechanical door drive for indoor use without wind load.

TECHNICAL FEATURES

- Equipped as standard with snap-in connections on both sides of the door leaf end to reliably prevent damage caused by accidental collisions: in the event of an unintentional collision, the door leaf end can be pushed out of the guides on both sides. Sensors then report the ‘crash’ to the control system, so that the door movement is stopped immediately and the door system is raised without delay. Triggered by manual control operation, the door moves to the ‘door closed’ position, where it locks automatically. Due to the easily deformable and highly flexible door leaf end, a safety contact strip is not required.
- Door leaf: made of 0.8 mm thick, fabric-reinforced polyester, which is wound onto a horizontally mounted shaft. In addition, the side curtain guides must be equipped with special wind protection buttons.
- 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 integrated frequency converter in a separate plastic control cabinet, 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, 12 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