

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

High-speed roller door type “EFA-SRT® PREMIUM”, with high-performance electro-mechanical door drive for continuous industrial use.

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 manual opening of the door in the event of a power failure (in accordance with DIN EN 12604). This durable and extremely low-maintenance counterbalance device is mandatory. Designs with torsion springs are not permitted.
- Door leaf: Standard 2 or 3 mm thick PVC, fully transparent, guided at the sides and wound onto a horizontally mounted shaft; PVC door leaves generally have vertical warning strips. A maintenance-free door leaf tensioning system must be provided to keep the door leaf under tension at up to 800 N when closed. In addition, the side CURTAIN GUIDES must be designed with special guide devices to ensure flawless 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. 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 2.0 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, up to Class 3
- Watertightness: DIN EN 12425, npd
- Air permeability: DIN EN 12426, npd
- Sound insulation: DIN EN ISO 717-1, up to 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