

# HIGH-SPEED TURBO DOOR, Type „EFA-STR®“

**High-speed turbo door type “EFA-STR®”** with high-performance electro-mechanical door drive for continuous industrial use.

## TECHNICAL FEATURES

- Self-supporting, lateral steel frames; steel parts generally galvanised, spiral-shaped door leaf mounting. Force is transmitted on both sides: a synchronous shaft is installed for this purpose. Precision roller assemblies with ball bearings must be used to ensure precise, smooth and quiet guidance of the hinge strips. A sufficiently dimensioned tension spring mechanism is also installed in the door frames, which ensures weight compensation of the door leaf in accordance with DIN EN 12604 and guarantees manual opening of the door (e.g. in the event of a power failure).
- Door leaf: made of wear-free, single-walled PVC fabric and moved upwards or downwards by friction. Four standardised segment fields are connected to form individual modules that can be replaced quickly and easily. Available curtain colours: blue, red, yellow and grey. A transparent viewing panel with a nominal height of approx. 900 mm is available on request at no extra charge. The curtain is guided precisely at the sides to prevent longitudinal stretching. Anodised aluminium bars reinforce the door leaf. The modular design ensures quick and inexpensive replacement of individual sections.
- Spiral body: disc guide completely contact-free – for low-wear and low-noise operation.
- High-frequency gear motor brake with inductive proximity switches and electronic limit position control (without mechanical limit switches)
- Opening speed up to 3.6 m/s; closing speed up to 1.0 m/s
- EFA-TRONIC® with integrated frequency converter in plastic control cabinet (IP65), power connection 230V at 50 Hz (on site)

## PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, up to Class 3

**Manufacturer:** EFAFLEX Tor- und Sicherheitssystem GmbH & Co. KG | [www.efaflex.com](http://www.efaflex.com)

Stand 04/2025 – Subject to technical changes

## **DIMENSIONS OF THE CLEAR OPENING**

Width = ..... mm

Height = ..... mm