

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

High-speed turbo door type “EFA-STT®” 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 two outer rails made of anodised aluminium and a central section made of transparent, single-shell acrylic glass. The visible surface area of the door leaf must be at least 70%, and permanent transparency must be guaranteed.
- 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 2.5 m/s; closing speed up to 1.0 m/s
- EFA-TRONIC® with integrated frequency converter in plastic control cabinet (IP65), power connection 230V/400V at 50Hz (on site).

## PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, up to Class 4

**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