

# HIGH-SPEED SPIRAL DOOR, Type „EFA-SST®-PS“

High-speed spiral door type “EFA-SST®-PS” with high-performance electromechanical 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: double-walled special aluminium laths (108 mm spacing) fixed in hinge strips and moved vertically (i.e. up or down), natural anodised surface finish (E6-EV1).
- 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 1.8 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, Class 4
- Watertightness: DIN EN 12425, Class 2
- Air permeability: DIN EN 12426, Class 1
- Sound insulation: DIN EN ISO 717-1, up to 23 dB(A)
- Thermal insulation: DIN EN 12428, up to 6,5 W/m²K

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

Stand 04/2025 – Subject to technical changes

## **DIMENSION OF THE CLEAR OPENING**

Width = ..... mm

Height = ..... mm