

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

High-speed spiral door type “EFA-SST®-Essential” with 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 applied on both sides: ball-bearing precision rollers 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, thermally separated and insulated **EFA-THERM®** laths, which are fixed in hinge strips and move vertically (i.e. up or down), surface finish as 2-layer coating similar to RAL 9006 (white aluminium).
- 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 0.5 m/s; closing speed up to 0.5 m/s
- EFA-TRONIC® with integrated frequency converter in plastic control cabinet (IP54), power connection 230V at 50Hz (on site). via CEE plug connection

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, up to Class 4
- Sound insulation: DIN EN ISO 717-1, up to 24 dB(A)
- Thermal insulation: DIN EN 12428, up to 1,6 W/m²K

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