

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

EFAFLEX offers the high-speed spiral door type “**EFA-SST® Therm Premium**” for demanding industrial continuous operation. This door combines first-class performance with outstanding durability.

TECHNICAL FEATURES

- Self-supporting, galvanised steel frames with spiral door leaf support. Synchronised shaft for even force transmission. Ball-bearing precision roller assemblies for quiet running. A tension spring mechanism certified to DIN EN 12604 balances the weight of the door leaf and allows manual opening in the event of a power failure.
- Door leaf: Double-walled, anodised aluminium slats, which are fixed in hinge strips and move vertically. The surface has a 2-layer coating in white aluminium (similar to RAL 9006).
- 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 2.0 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 50 Hz (on site)
- Integrated, TÜV-certified goal line light grid (EFA-TLG®) - contactless obstacle detection up to 2.5 metres high

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- Resistance to wind load: DIN EN 12424, up to Class 4
- Watertightness: DIN EN 12425, Class 3
- Air permeability: DIN EN 12426, Class 3
- Sound insulation: DIN EN ISO 717-1, up to 24 dB(A)
- Thermal insulation: DIN EN 12428, up to 1,4 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