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

**EFAFLEX** offers the **“EFA-SST® Therm Eco”** high-speed spiral door 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 1.3 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

**dimensions of the clear opening**

Width = ............... mm

Height = ............... mm