

HIGH-SPEED TURBO ROLLER DOOR, Type „EFA-STT® Clear Eco“

EFAFLEX offers the high-speed turbo door type “**EFA-STT® Clear Eco**” for demanding continuous industrial 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: consists 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 is at least 70%, whereby 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 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
- Air permeability: DIN EN 12426, Class 2
- Sound insulation: DIN EN ISO 717-1, up to 20 dB(A)
- Thermal insulation: DIN EN 12428, up to 6,4 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