

HIGH-SPEED TURBO ROLLER DOOR, Type „EFA-STR® Flex Eco“

EFAFLEX offers the high-speed turbo roller door type “**EFA-STR® Flex Eco**” 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: wear-free, single-walled PVC fabric that moves vertically in a force-fit manner. Four standardised segment fields are connected to form individual modules that can be replaced quickly and easily. Available curtain colours are blue, red, yellow and grey. A transparent viewing panel with a nominal height of approx. 900 mm is available on request at no extra charge. The curtain is precisely guided at the sides to prevent longitudinal stretching. Anodised aluminium bars reinforce the door leaf and the modular design allows individual sections to be replaced quickly and cost-effectively.
- 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 1.9 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)

- Widerstand gegen Windlast: DIN EN 12424, up to Class 4
- Air permeability: DIN EN 12426, Class 1
- Sound insulation: DIN EN ISO 717-1, up to 12 dB(A)
- Thermal insulation: DIN EN 12428, up to 6,0 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