



Airport Köln-Bonn

GEZE Slimdrive SF / SF-FR

Automatic folding door systems



BEWEGUNG MIT SYSTEM

Automatic folding door system

If at small space maximum passage widths must be realised, an automatic door with horizontally sliding door leaves is the optimal solution. The GEZE automatic folding door drive with the characteristic 7 cm drive height of the Slimdrive product family guarantees maximum passage heights e.g. at reconstructions. Due to the low construction height the drive is hardly noticed. At the same time it is extremely powerful. Retro-fitting into existing facades is possible without any problems. The break axle ensures safe locking at night.

The folding door drive Slimdrive SF is also available with a 2-motor technology for escape and rescue routes (Slimdrive SF-FR). All sliding door drives of the GEZE Slimdrive product range are type-approved and certified to DIN 18650.

Modular structure

The Slimdrive SF / SF-FR is a fully modular system in aluminium construction consisting of the running track profile, stainless steel floor guide, frame profile and cover hood. The drive unit is completely prefabricated. The use of state-of-the-art control technology ensures high comfort levels for usage, excellent safety and allows the connection of all control elements. The narrow hood and compact cross-section speak an elegant design language.

Drive

- ▶ Maintenance-free DC motor
- ▶ Extremely quiet, enclosed running gear
- ▶ Power transmission via toothed belts at the main closing edge
- ▶ Deflection pulleys in precision bearings
- ▶ Integrated double pole main switch



Application benefits

Benefits for architects, planners and clients

- ▶ Due to small space requirements in the depth the folding door is suitable for use when available space will not allow installation of sliding or swing doors
- ▶ Large opening widths but small clear widths makes room owing to optional economy of space compared with hinged doors
- ▶ High efficiency owing to high-quality materials and latest control technology
- ▶ Closed running profile, resulting in quiet and optimised running properties and even in a long service life
- ▶ Easy and reasonably priced retrofitting to existing facade profiles

Benefits for fabricators and operators

Small number of profiles and modular construction

- ▶ allow fast production of all customer-specific opening widths
- ▶ reduces the storage costs
- ▶ allow pre-assembly of the mechanical drive components and on-site-fitting is fast and flexible
- ▶ Due to its straight-forward system concept with easily accessible components, the Slimdrive SF is extremely service-friendly.
- ▶ Easy adjustment and service diagnostics via the control system display and programme switch. The programme logic equals the tried and tested Slimdrive product programme in its quality.

Technical data

	Slimdrive SF standard version	Slimdrive SF-FR for escape and rescue routes
Drive dimensions (height x depth)	70 x 282 mm	70 x 282 mm
Length (four-leaf)	= opening width + 334 mm	= opening width + 334 mm
Opening width	900-2000 mm	1000-2000 mm
Leaf weight	4 x 40 kg	4 x 40 kg
Passage height	up to 2200 mm	up to 2200 mm
Opening speed programmable	max. 0,7 m/s	max. 0,7 m/s
Closing speed programmable	max. 0,5 m/s	max. 0,5 m/s
Mains connection	230 V AC 50/60 Hz	230 V AC 50/60 Hz
Power consumption	max. 300 VA	max. 300 VA



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