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Automatic systems for curved sliding doors



Slimdrive SC/SCR



Electronic Arts, London

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SC/SCR

Drive towards new freedom

7 cm – a rounded *affair*

In the beginning there is the door. It invites visitors, moves back and allows the visitor to pass through gratefully. Like a business card, the door gives the all important first impression. It should be positive, stylish and of great exclusiveness. A **GEZE** curved sliding door with automatic drive *Slimdrive SC/SCR* is perfectly suited for this purpose.

More light! More space! The advantages of a curved sliding door fills the viewer with enthusiasm at first sight. A new feeling of space dominates the entrance area. Even at small external dimensions the special **GEZE** construction creates an enormous space for the passage - consequently elegant.

The drive mechanism is consistency by design. Reliable in function, with an overall height of **7 cm** pleasantly insignificant.

Thus *Slimdrive SC/SCR* offers designers and architects new freedom of options - far beyond the door.

Because from now on all facades and post-rail structures can be realised without the visual interference of a drive. *Slimdrive SC/SCR* fits in like no other drive. And this is a decisive advantage for curved sliding doors, where elegance is desired.



A word about installation

Everywhere

Curved sliding doors with automatic drive *Slimdrive SC/SCR* are true masters of harmony. They can be installed everywhere - in connection with concrete, masonry, steel or glass as well as post-rail structures. Even on the ground the harmony is „high“: between pavement, street or vestibule and the interior of the building a high-quality floor guide of stainless chromium-nickel steel creates an elegant transition. The advantages of the beautiful curves are obvious. In comparison with linear sliding doors, the clearance is enlarged by 40%. The door geometry becomes more appealing, the slim profile system with „slim“-framed laminated safety glass contributes to the elegant impression and makes the glass surfaces appear even more spacious. Due to the overall height of just **7 cm** the drive can be mounted almost invisibly to the lintel, in the suspended ceiling or directly below the ceiling.

Fitting advantages in detail

Slimdrive SC/SCR was designed as fully-modular all-aluminium unit construction system and consists of mounting profile, sliding rails/carriage unit, side elements and clamping profile.

- ▶ Overall height only 70 mm
- ▶ All components are plug-in units
- ▶ The drive unit is completely pre-assembled
- ▶ Special aluminium profiles
- ▶ Multi-roller carriage with axles mounted on ball-bearings for quiet and low-friction running. Ideal weight distribution
- ▶ Maintenance-free, fully enclosed, quiet running DC-motor
- ▶ Low-maintenance gears

Installation

Slimdrive SC

The door *describes* a circle

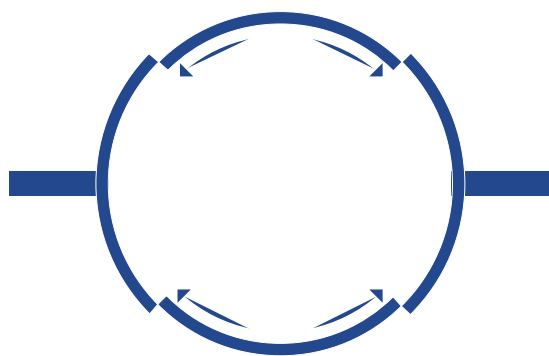
Whether used as corner door with 90° or 270°, as curved door with 180° or in combination with a linear sliding door as draught-proof system. **GEZE** curved sliding doors with *Slimdrive SC* offer manifold design possibilities and fulfil highest demands in function and design.



Slimdrive SCR

The circle is *closed*

Slimdrive SCR – the 360° solution. The drives on both doors form a unit which are, however, controlled separately - a rounded affair.



7cm

Technology on the smallest scale

7 cm – *the measure* of all drives

Astonishing versatility, simple operation, simple installation properties and an extraordinarily maintenance-friendly - the fully digital control of *Slimdrive SC/SCR* with 16 bit high-performance processor has many advantages.

Standard functions

- ▶ Self-learning, complete with fitted plug
- ▶ Quick initial operation of system
- ▶ Programming: setting of parameters (hold-open time, opening speed etc.)
- ▶ Automatic error-detection and emergency running properties
- ▶ Various hold-open times for different functions
- ▶ Programme storage in flash EPROM, allowing on-site programme updates
- ▶ Delayed hold-open time automatically adjustable (depending on traffic; can be activated) up to permanently open position
- ▶ Electronic reversing function with adjustable reversing pressure
- ▶ Locking upon shop closure time
- ▶ Self-configuring hardware
- ▶ Display of statistical data (number of opening cycles, service interval display)

Functions of programme switch

- ▶ Automatic function summer (full opening width)
- ▶ Shop closing time summer (oneway)
- ▶ Automatic function winter (opening width adjustable)
- ▶ Shop closing time winter (oneway)
- ▶ Permanently open summer
- ▶ Permanently open winter
- ▶ Night locking (remote control)

Programme switch designs

- ▶ 80 mm wide version
- ▶ As surface-mounted switch
- ▶ As flush-mounted switch

Connections

- ▶ Movement detector
- ▶ Electro-mechanical locking
- ▶ Battery back-up system
- ▶ Vertical safeguarding of passageway
- ▶ Fused key-operated switch
- ▶ As well as nearly all conceivable control features

Programming of maintenance diagnosis

- ▶ The Slimdrive SC/SCR is programmed via the programme switch exclusively. A 7-segment display provides information about the operating status, error indications, maintenance intervals as well as all function parameters.

Slimdrive SC and Slimdrive SCR

Technical data

<i>Slimdrive SC/SCR</i>	
Opening width, single-leaf	max. 1500 mm
Opening width, double-leaf	max. 2500 mm
Leaf weight, single-leaf	max. 100 kg
Leaf-weight, double-leaf	max. 2 x 100 kg
Opening speed double-leaf with 2 x 100 kg	max. 0,7 m/s
Frame	Door leaf and side elements with fine-framed laminated safety glass
Colours	EV 1, stainless steel and all RAL colours
Radius SC	≥ 1000 mm
Radius SCR	max. 2000 mm