



GEZE Technologie- und Entwicklungszentrum

GEZE ECdrive and variants

Automatic sliding door systems



BEWEGUNG MIT SYSTEM

Simply reliable.

Automatic sliding door systems are often the focus of above-average demands concerning functionality and economic efficiency. The products of GEZE Econodrive line have already offered many convincing advantages at a superior price-performance ratio.

GEZE ECdrive – the new edition of the Econodrive keeps being inexpensive while offering a higher quality.

The ECdrive is able to move doors up to 120 kg leaf weight and the system is uncompromisingly reliable in all details. High-quality material and the latest actuation technology guarantee a premium performance. Owing to the small abrasion and the self-cleaning roller carriage the system operates extremely quiet. Due to the precious GEZE cover design standard there are no compromises to an attractive optical appearance.

Further product advantages

- ▶ Simple assembly and large leaf adjustment possibilities
- ▶ Intelligent tilting protection owing to the slide ring integrated onto the roller carriage
- ▶ User and maintenance-friendly by safe diagnosis and due to the new developed mechanical features
- ▶ Fulfills highest safety requirements owing to self-learning controller
- ▶ Because the closing forces are always supervised the operation reliability is given at any time
- ▶ High comfort by parameter adjustment and status indication at the display programme switch

A diversity of potential applications

GEZE ECdrive sliding door systems can be used on single and double-leaf doors made of toughened safety glass, insulation glass as well as framed and timber doors. The ECdrive systems are suitable for internal and external doors. In addition, FR options are available for the use on escape and rescue routes.

DIN 18650 – Regulation fulfilled

In order to guarantee runners as well as users of automatic sliding doors high safety an uniform standard was created in accordance with DIN 18650. The products of GEZE ECdrive line of course fulfill this regulation.

Actuation and still more safety

- ▶ Radar movement detector Merkur R and Merkur S
- ▶ Radar combination alarm unit with light curtain Activ R and S, Jupiter R and SV

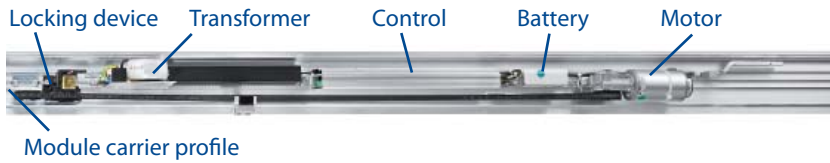
Safety closing:

- ▶ Activ infrared light curtain Activ R and S, Jupiter R and SV
- ▶ Safety photoelectric barrier GZ 472 V or GZ 470 V

Safety opening:

- ▶ Activ infrared light curtain Iris S or Presence S
 - ▶ Active infrared sensor AIR 30
- Now these sensors can be used also with doors in escape and rescue routes, considering all other standard defaults





Multiplicity of variants

In order to offer a solution for all different requirements, the GEZE ECdrive is available in a multiplicity of variants.

- ▶ **ECdrive-FR / C-FR / CR-FR**
for escape and rescue routes
- ▶ **ECdrive FR-RWS** (approved by TÜV)
constantly self-supervised system which immediately goes into a safe condition as soon as an error is registered somewhere
- ▶ **ECdrive FR-LL**
shop closing time (one way)
highest protection against unauthorised opening from outside

- ▶ **ECdrive FR-DUO**
two escape directions

The door describes a circle.

Curved sliding doors offer more light and more space. Even at small external dimensions this special construction creates an enormous space for the passage – consequent elegance.

▶ **ECdrive C**

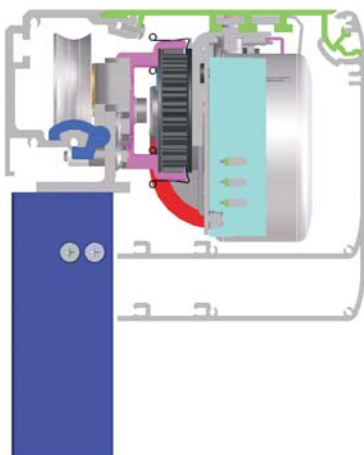
Either used as semi-circular sliding door with a radius of 180° it can be combined with a linear sliding door as draught-proof system.

▶ **ECdrive CR**

The 360° solution developed by GEZE is called ECdrive CR. The drive on both doors form a unit both are, however, controlled separately.

Technical data

ECdrive / -FR	
Dimensions of drive (height x depth)	120/150 x 175 mm
Opening width	700 - 3000 mm (single-leaf) 900 - 3000 mm (double-leaf)
Max. passage height	3000 mm
Max. leaf weight	120 kg
Max. opening speed	0,7 m/s
Max. closing speed	0,5 m/s
ECdrive C	
Minimum diameter	1000 - 1200 mm (standard door) 1250 - 2000 mm (FR-option)
Max. leaf weight	2 x 100 kg
Framing	fine-framed insulating glass



Rounded cover
in elegant GEZE design
cover height: 120 mm
cover height: 150 mm
(with concealed upper door shoe)



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