



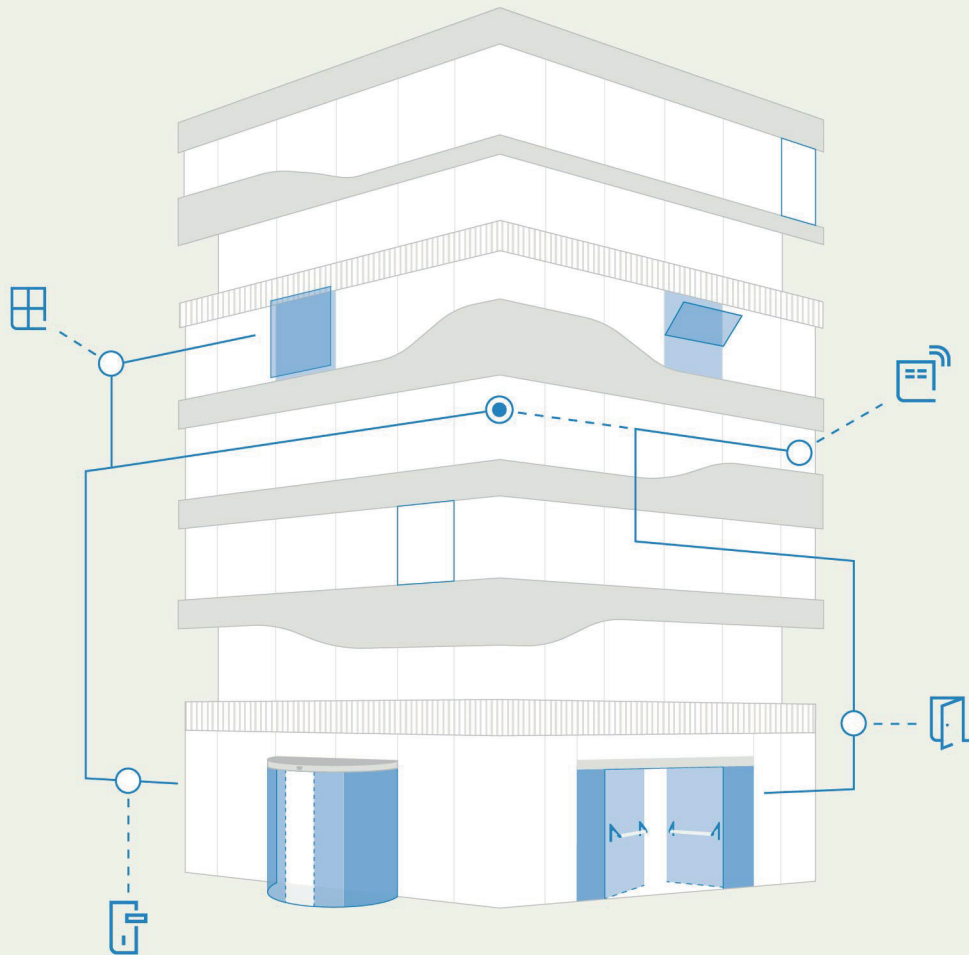
GEZE ECdrive 90

Automatic Sliding Door



Technology Leading

Provide Innovative Solutions for Your Buildings



Window —

GEZE window control systems significantly increase the comfort and safety of the building by reducing the energy consumption and offering a great variety of visual and functional options. GEZE's product line covers complete solutions from natural ventilation to smoke and heat extraction for fire protection.



Safety System —

GEZE safety technology takes the lead in the field of fire protection, access control, emergency escape and rescue access protection. GEZE can provide independent solutions to integrate various independent safety requirements into an intelligent system.



Building Automation —

Automation can make your building more comfortable, safer and more energy-efficient. Automation is indispensable for large buildings; it facilitates building monitoring and operation. The unique network service we provide can realize efficient management of smart buildings.



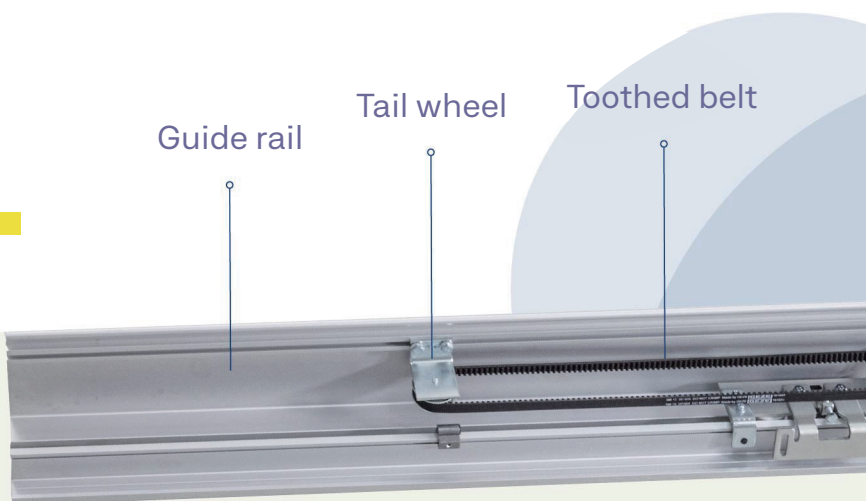
Door Control System —

GEZE door control system creates a new world for door designing with many integrated advantages, such as industry-leading, innovative, and efficient drive technology, safe, reliable, convenient access and superior general drive design.

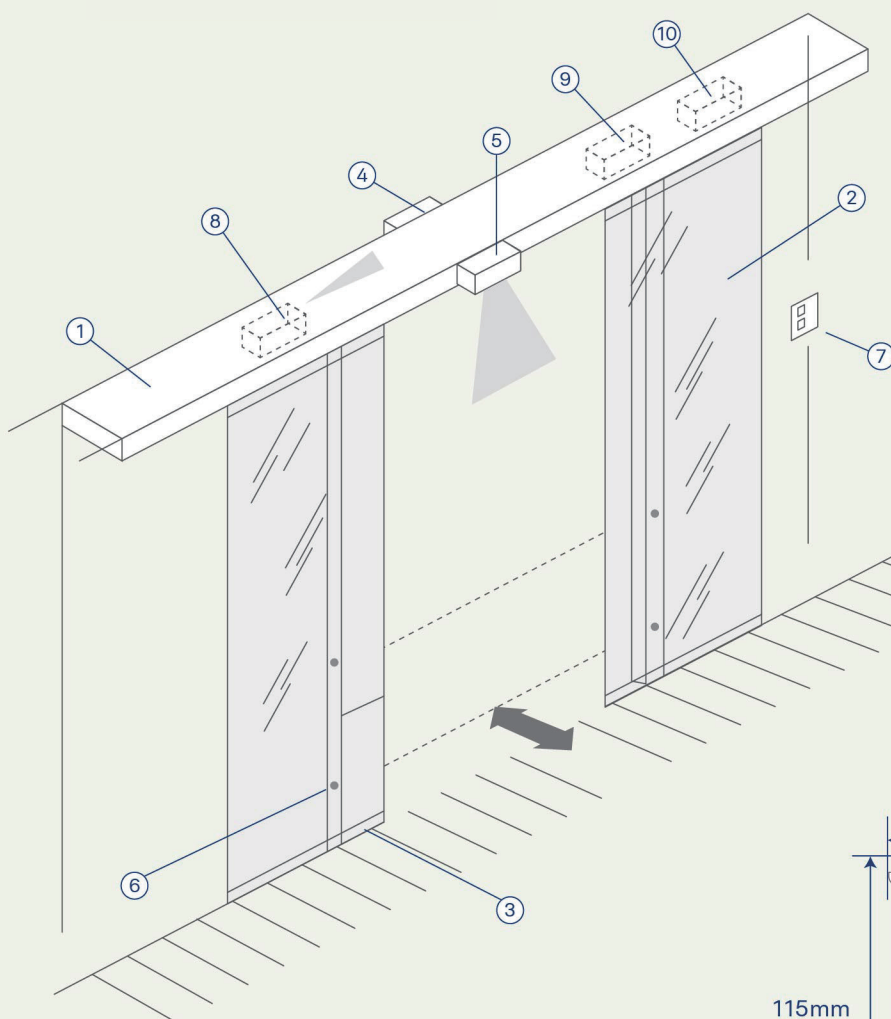
Product Overview

1.1 Structural Diagram of Door Drive

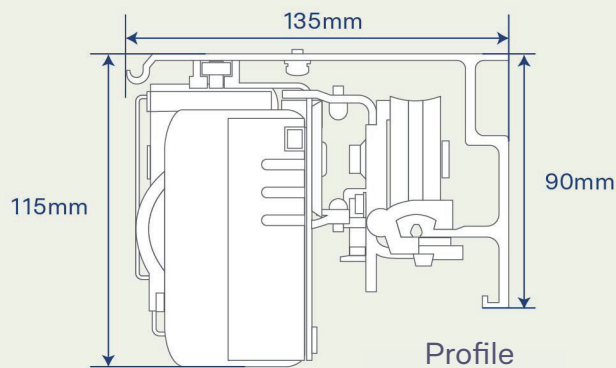
Guide rail Tail wheel Toothed belt

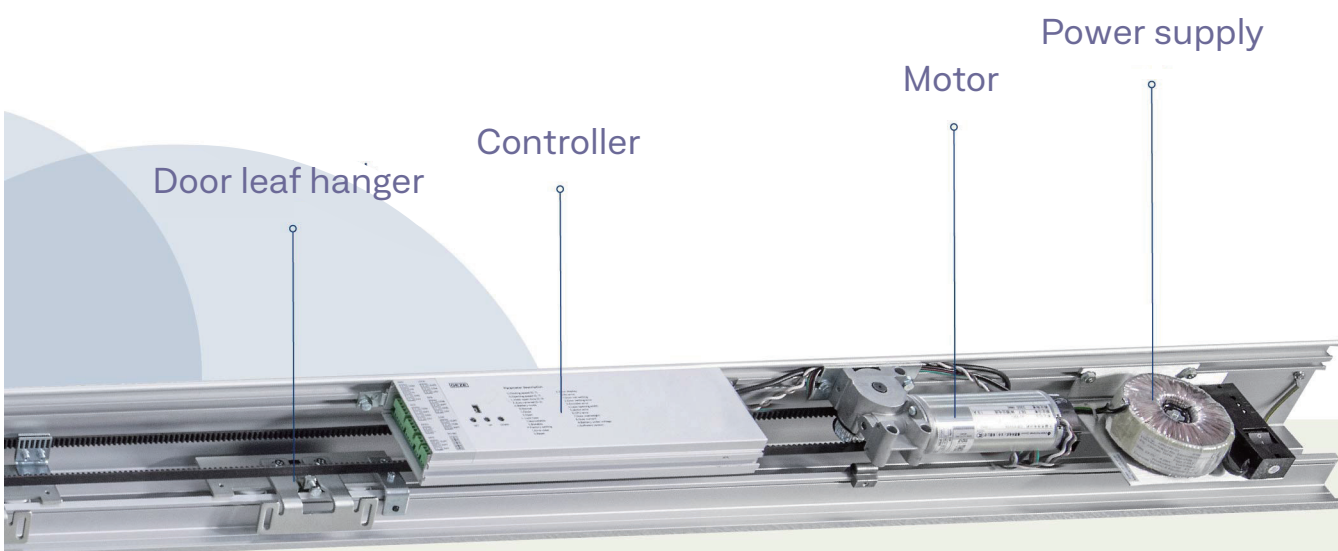


1.2 Structural Diagram of Door System



- ① Door drive / component box
- ② Door leaf [customized according to the project]
- ③ Ground guide rail [customized according to the project]
- ④ Mobile sensor, external [optional]
- ⑤ Mobile sensor, internal [optional]
- ⑥ Safety grating [optional]
- ⑦ Mechanical program switch [optional] 3/5-way
- ⑧ Electric bolt lock [optional]
- ⑨ Spare battery [optional]
- ⑩ Bluetooth module / Remote control module [optional]





1.3 Technical Data of Door drive

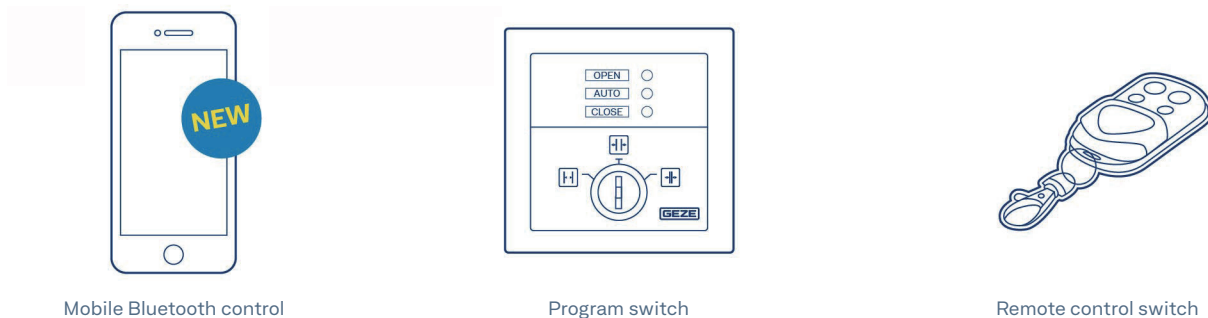
Surface treatment	ECdrive 90 automatic sliding door drive (double leaf)	ECdrive 90 automatic sliding door drive (single leaf)
Net opening width	700-3000 mm	900-3000 mm
Door leaf weight (maximum)	1 x 90 kg	2 x 90 kg
Traffic height (maximum)	3000 mm	
Drive size (Height x depth)	115 x 135 mm	
Door opening speed (maximum)	0.5 m/s	
Door closing speed (maximum)	0.5 m/s	
Lasting time of door opening	0.5-60 s	
Vertical adjustment range of door leaf	10 mm	
Leveling adjustment range of door leaf	15 mm	
Door opening and closing force	Max. 150N, adjustable	
Working voltage	230 V/50 Hz	
Average working energy consumption	150 W	
Working temperature	-20 ° C to + 55 ° C	
Protection rating	IP20	
Resistance rebound function	●	
Bluetooth debugging control (WeChat Mini Program)	●	
Hall linkage function	●	
Pass EMC test	EN61000	
Pass RoSH certification	2011/65/EU	
Optional Accessories		
Bluetooth module	○	
Wireless mode setting module	○	
Electric bolt lock	○	
Spare battery	○	
Program switch	○	
Radar sensor	○	
Safety grating (for radio eye)	○	

Product Advantages



Design Highlights

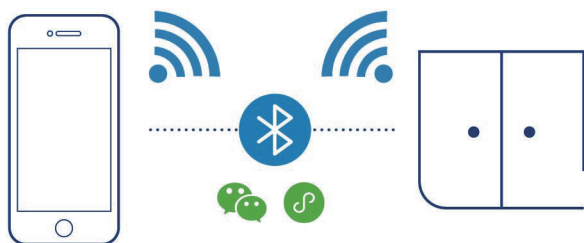
2.1 More varieties, three control modes



2.2 More convenient, mobile phone Bluetooth control

→ Using WeChat Mini Program can control door leaves and debug settings without app installation

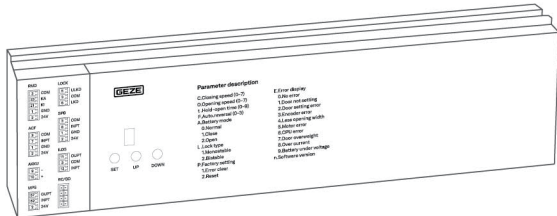
- Door opening test
- Operation parameter
- Settings Operation model selection



2.3 More intuitive, built-in parameter debugging function

→ Without external debugging equipment, it is more intuitive and simpler

- Realized via the keys of DCU controller



2.4 More energy-saving, hall linkage function

→ Double door leaf, each open in turns



Avoid draught to ensure user comfort



Reduce indoor and outdoor heat exchange, to save energy and protect environment

2.5 More reliable, millions of times of opening and closing without fault

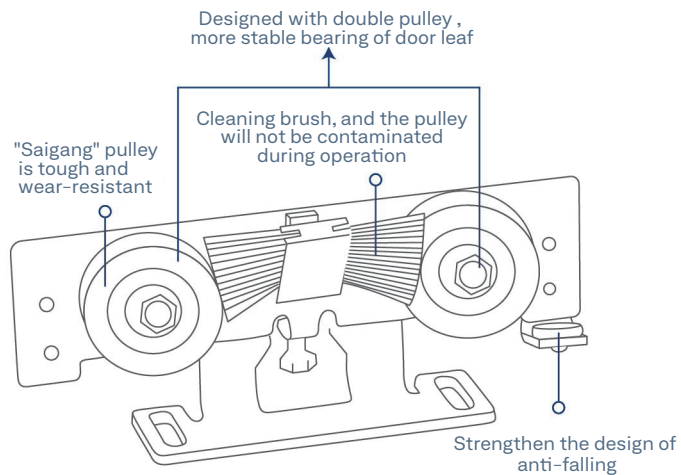
→ Millions of times of opening and closing without fault, low noise and safe operation

- Authoritative testing provided by laboratory with TUV qualifications
- Designed with high wear-resistant double pulley and self-cleaning brush

1,000,000 times

The door leaf opening and closing cycle
Safe, stable, and smooth

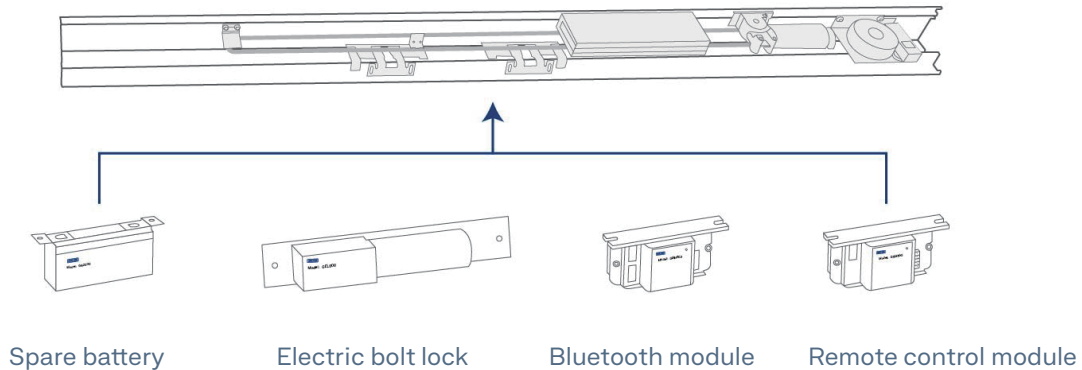
- Enhanced door leaf hanger designed with anti-falling function
- The vertical adjustment range of door leaf is 10 mm
- The horizontal adjustment range of door leaf is 15 mm
- Each door leaf can bear up to 90 kg



2.6 **Extensible**, modular functional components Rapid modification without overall removal

→ Rapid modification without overall removal

- Domestic production and delivery, faster supply
- Modular design, easy to upgrade and refit



2.7 **More environmentally friendly**, use green materials

→ RoHS certified green products

- Passed EU RoHS green product certification
- Ideal choice for building green and environment-friendly buildings

We're GEZE.

Architecture

GEZE represents the innovation of building construction technology, high quality and comprehensive services. From the creation of initial idea, planning and operational implementation of standard products to customized system solutions and personalized service and maintenance plans, we are committed to building automated and smart buildings.

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