



**OPEN  
AUTOMATIONS  
SOLUTIONS**



**AUTOMATIC  
SLIDING DOORS**

Official  
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# Introduction to automatic sliding doors

Our standard automatic sliding doors are the go-to for versatile, space saving solutions. Glass-doors maximise natural light and add to optical space enhancement. These smart sliding doors are ideal for use in heavy traffic areas that require above standard performance. The sleek aesthetics and range of compatible drive series make standard sliding doors ideal for universal application.

# Overview

## Table for automatic sliding door systems

### Automatic sliding door system overview

#### Key

• = Yes | 1 = max. 160 kg for FR variant, max. 120 kg for fine-framed leaves and profile system GCprofile Therm 1 2 = if applicable increased opening and holdopen times 1 3 = 120 kg with single roller carriage (standard), 140 kg with double roller carriage (option) and GCprofile Thermn.

Product Features	ECdrive T2	ECdrive T2	Powerdrive PL
Dimensions (height x depth)	100 × 190 mm	70 × 190 mm	185 mm 200 × 185 mm
Opening width 1-leaf	700 – 3000 mm	700 - 3000 mm	700 - 3000 mm
Opening width 2-leaf	900 – 3000 mm	900 – 3000 mm	800 - 3000 mm
Leaf weight (max.) 1-leaf	120 / 140 kg <sup>3</sup>	125 kg	200 kg <sup>1</sup>
Leaf weight (max.) 2-leaf	2 × 120 / 140 kg <sup>3</sup>	2 × 125 kg	2 × 180 kg <sup>1</sup> 2 × 200 kg <sup>2</sup>
Opening / Closing speed (max.)	0.8 / 0.8 m/s	0.8 / 0.8 m/s	0.8 / 0.8 m/s
Fitting			
ISO-glass fine-framed	•	•	•
MONO-glass fine-framed	•	•	•
GCprofile Therm, energy-efficient profile system fine-framed	•		
Toughened safety glass clamping fitting fine-framed	•	•	•
All-glass system (GGS)		•	
Integrated all-glass system (IGG)		•	
On-site leaves	•	•	•

# GEZE Slimdrive SL NT



# GEZE Slimdrive SL NT

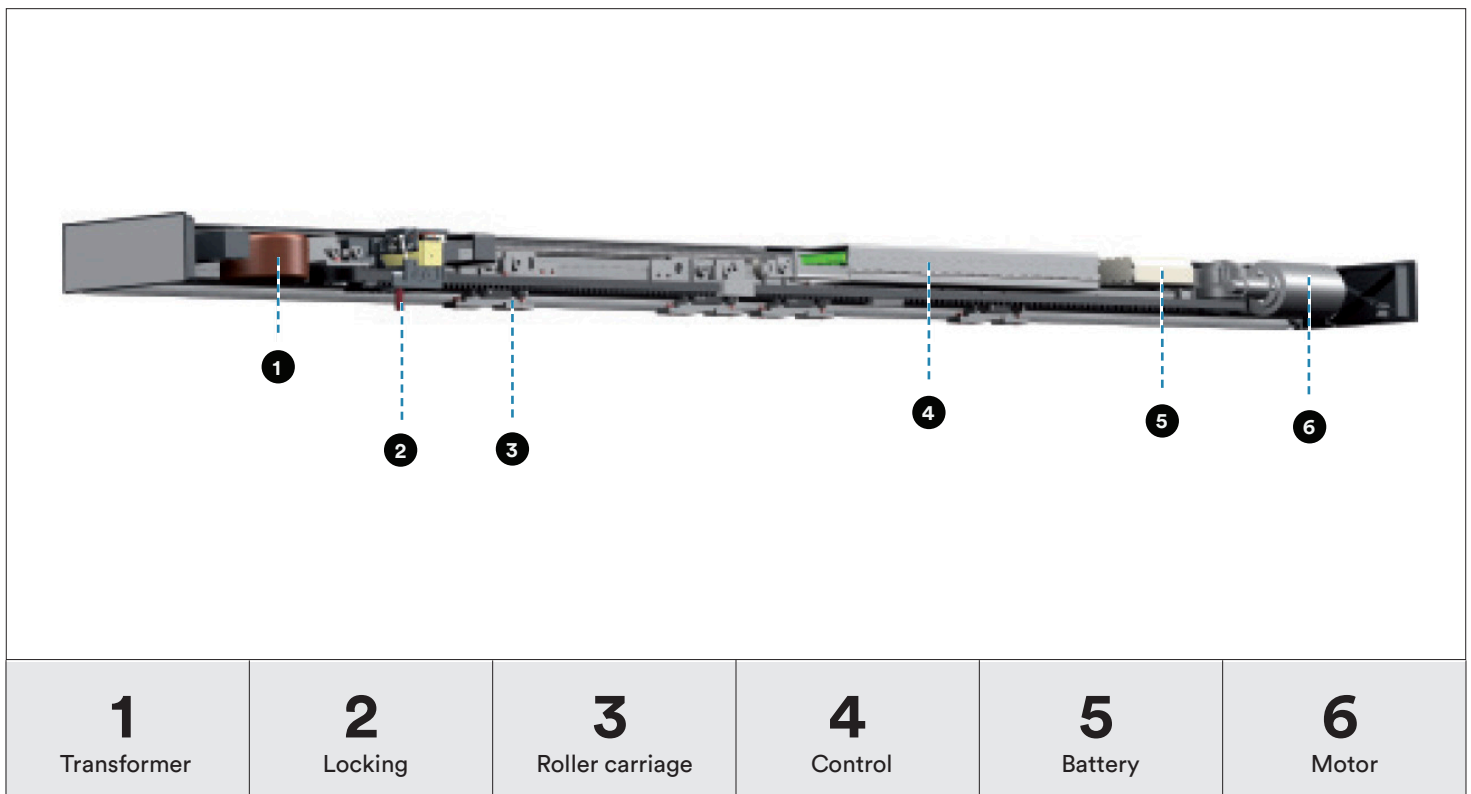
Drive system for automatic linear sliding doors using the latest technology

## Overview

Façades with slim post-rail structures seem even lighter and more inviting, and they discreetly and easily blend in with the building architecture. The new automatic sliding door system GEZE Slimdrive SL NT is ideal particularly in glass facades where large door leaves have to be moved and all components have to appear slim and delicate. With its low drive height of only 7 cm, the Slimdrive SL NT can be integrated almost invisibly

in the facade and moves door leaf weights of up to 125 kg. The new running rail makes mounting directly on the wall, facade or on cantilevered carriers easier. A new roller carriage has further optimised leaf adjustment. The standard self-cleaning roller guarantees smooth running and increases the roller carriage service life. An additional supporting roller increases steadiness.

## Drive system diagram



# GEZE Slimdrive SL NT

## Drive components

### Key

- = Yes
- = Optional
- = Not available

Technical data	SL NT	SL NT-FR
<b>Transformer</b>	Ring core with protection and main switch	
Voltage	230 V	
Frequency	50 - 60 Hz	
Capacity Rating	140 W	
<b>Locking</b>	Toothed belt locking, electromagnetic, bi-stable	
<b>Roller carriage</b>		
Door leaf adjustment vertical	10 mm	
Door leaf adjustment horizontal	6 mm	
Anti-tilt protection	●	●
Self-cleaning	●	●
<b>Control</b>	DCU1	DCU1-2M
With fault memory	●	●
With memory for statistical data	●	●
Software update possible	●	●
Bus interface (optional)		
Connection for fire alarm system	●	●
Power supply for peripherals	●	●
Programmable inputs	3 pcs.	
Programmable outputs	2 pcs.	
<b>Battery</b>	NiCd, 24 V, 700 mA	
<b>Motor</b>	Gear motor	Double gear motor
Torque	400 Ncm	

# GEZE Slimdrive SL NT

## Technical data

### Key

- = Yes
- = Not available

Product features	SL NT	SL NT-FR
For 1-leaf door systems	•	•
For 2-leaf door systems	•	•
Height	70 mm	
Depth	190 cm	
Leaf weight (max.) 1-leaf	125 kg	
Leaf weight (max.) 2-leaf	125 kg	
Opening width 1-leaf	700 - 3000 mm	
Opening width 2-leaf	900 - 3000 mm	
Temperature range	-15 - 50 °C	
Enclosure rating	IP 20	
Disconnection from power supply	Main switch in the drive	
Opening speed (max.)	0.8 m/s	
Closing speed (max.)	0.8 m/s	
Hold-open time	0 - 60 s	
Adjustable opening and closing force (max)	150 N	
Automatic adaption to traffic flow	•	•
Automatic reversal when an obstacle is detected	•	•
Pharmacy opening	•	•
Interlocking Door System Function	•	•
Vestibule function	•	-
Automatic opening in the event of a power failure	Adjustable	Standard
Automatic closing in the event of a power failure	Adjustable	Not Available
Function following power failure	Adjustable for 30 min. / 30 cycles	Open
Automatic opening in the event of a fault	-	•
Approvals	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D	DIN 18650 BGR232 DIN EN ISO 13849: Performance Level D AutSchR



# GEZE Slimdrive SL NT

## Fitting Variations

### Key

- = Yes
- = Not available

Fitting	SL NT
ISO-glass fine-framed	●
MONO-glass fine-framed	●
ESG clamping profile	-
All-glass system (GGS)	
Integrated all-glass system (IGG)	●
Framed leaf	-
Wooden leaves (Provided by the customer)	-
Hermetic leaf	-
Fire protection leaf T30 (Hörmann)	-

# GEZE Slimdrive SL

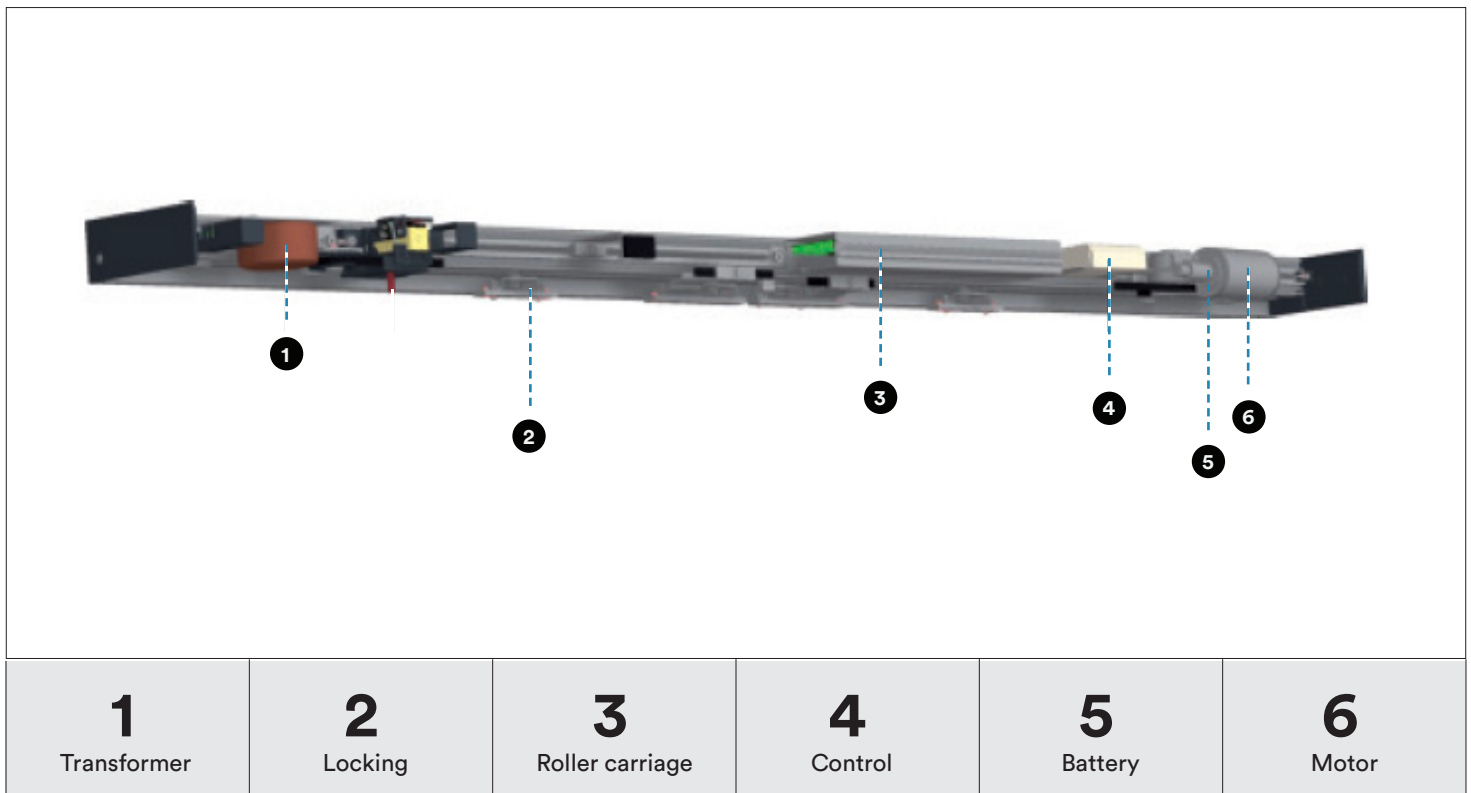
Drive system for automatic linear sliding doors.

## Overview

The Slimdrive SL conceals a powerful drive system for automatic sliding doors in a unit only 7 cm high. It blends elegantly in post rail structures. Large opening widths can be achieved with the Slimdrive SL.

The drive disappears in the facade, bestowing transparency and an aesthetic appearance. Both false edges and cross-bar profiles are things of the past.

## Drive system diagram



# GEZE ECdrive T2



# GEZE ECdrive T2

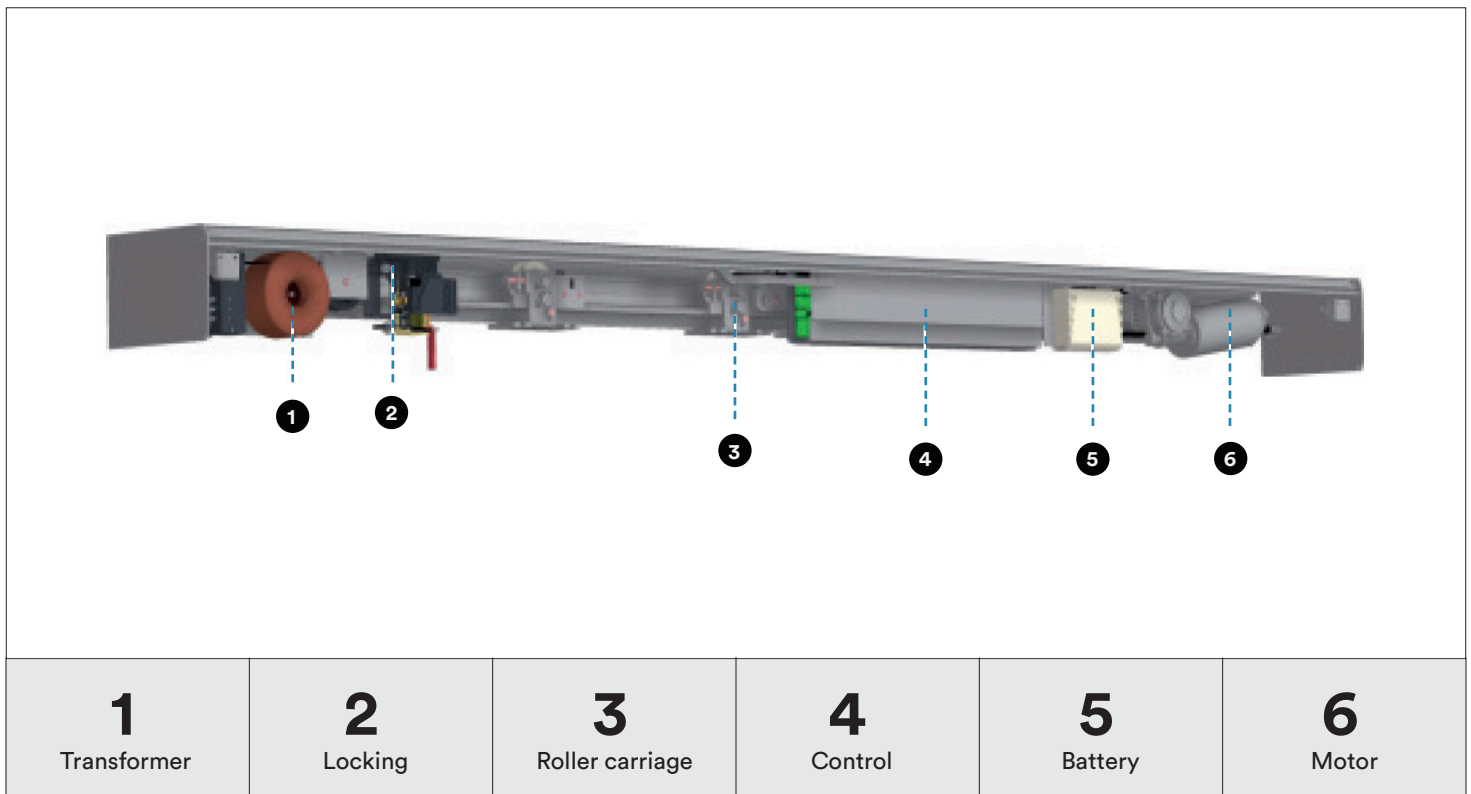
Drive system for linear sliding doors in high traffic areas

## Overview

The linear sliding door system GEZE ECdrive offers numerous convincing benefits at an excellent cost/performance ratio. The drive is suitable for doors in high traffic areas. The ECdrive covers door leaf weights of up to 120 kg and is uncompromisingly reliable. High-quality materials and the latest control technology guarantee high efficiency.

Servicing costs are considerably reduced thanks to the self-cleaning roller carriage. The rounded hood in the elegant GEZE design gives the system an attractive appearance. The special running rail is used for attachment to post-rail structures.

## Drive system diagram



# GEZE ECdrive T2

## Automatic linear sliding door system for doors up to 140 kg leaf weight

The ECdrive T2 linear sliding door system is suitable for a large number of motion cycles and is uncompromisingly reliable. High-quality materials guarantee high performance at an excellent price-performance ratio. With a new cover height of 100 mm, this door system meets the highest design requirements.

The optionally available double roller carriage can move leaf weights up to 140 kg in conjunction with the GCprofile Therm profile system. The pre-drilled track and pre-machined elongated holes reduce the installation effort.



# GEZE ECdrive T2

## Technical data

### Key

• = YES

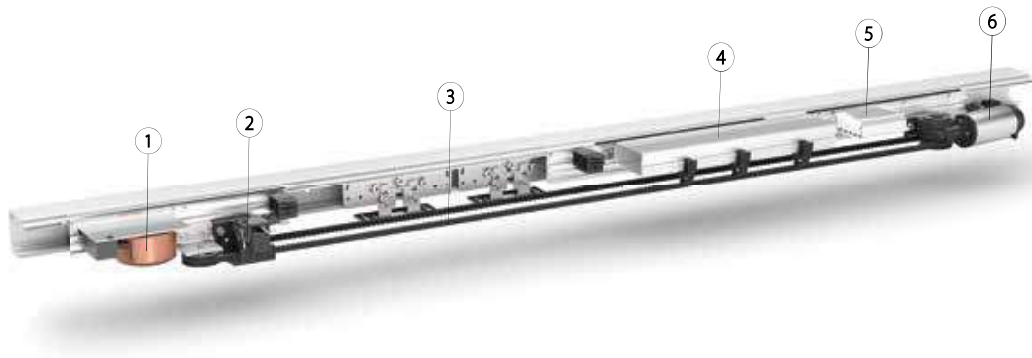
- = NOT AVAILABLE

\* = 120 KG WITH SINGLE ROLLER CARRIAGE (STANDARD), 140 KG WITH DOUBLE ROLLER

Product features	ECdriveT2	ECdrive T2-FR
For 1-leaf door systems	•	•
For 2-leaf door systems	•	•
Height		100 mm
Depth		190 mm
Leaf weight (max.) 1-leaf		120 l 140 kg*
Leaf weight (max.) 1-leaf with GCprofileTherm		140 kg*
Leaf weight (max.) 2-leaf		120 l 140 kg*
Leaf weight (max.) 2-leaf with GCprofile Therm		140 kg*
Opening width 1-leaf		700 to 3000 mm
Opening width 1-leaf with GCprofileTherm		700 to 1500 mm
Opening width 2-leaf		900 to 3000 mm
Opening width 2-leaf with GCprofile Therm		900 to 3000 mm
Temperature range		-15 to 50 °C
IP rating		IP20
Disconnection from mains		Main switch in the drive
Opening speed (max.)		0.8 mis
Closing speed (max.)		0.8 mis
Hold-open time		0 to 60 s
Adjustable opening and closing force (max.)		150 N
Automatic adaptation to traffic flow	•	•
Automatic reversal when an obstacle is detected	•	•
Pharmacy opening	•	•
Interlocking door system function	•	-
Vestibule function	•	-
Automatic opening in the event of a power failure	adjustable	standard
Automatic closing in the event of a power failure	adjustable	not available
Function in the event of a power failure	adjustable for 30 min l 30 cycles	opening
Automatic opening in the event of a fault	not available	standard
Approvals	DIN 18650 EN 16005 DIN EN ISO 13849: Performance Level D	DIN 18650 EN 16005 DIN EN ISO 13849: Performance Level D AutSchR

# GEZE ECdrive T2

## Drive components



<b>1</b> Transformer	<b>2</b> Lock	<b>3</b> Roller carriage	<b>4</b> Control Unit	<b>5</b> Rechargeable battery	<b>6</b> Motor
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# GEZE ECdrive T2

## Drive components

### Key

- = Yes
- = Optional
- = Not available

Technical data	ECdrive	ECdrive FR
<b>Transformer</b>	Ring core with protection and main switch	
Voltage	230 V	
Frequency	50 - 60 Hz	
Capacity Rating	150 W	
<b>Lock</b>	Toothed belt locking, electro-magnetic, bi-stable	
<b>Roller carriage</b>		
Door leaf adjustment vertical	10 mm	
Door leaf adjustment horizontal	15 mm	
Tiling protection	Standard	
Self-cleaning	●	●
<b>Control unit</b>	DCUI-NT	DCU1-2M-NT
With fault memory	●	●
With memory for statistical data	●	●
Software update possible	●	●
Bus interface optional	●	●
Connection for fire alarm system	●	●
Power supply for peripherals	●	●
Programmable inputs	3 pc	
Programmable outputs	2 pc	
<b>Rechargeable battery</b>	NiCd, 24 V, 700 mAh	
<b>Motor</b>	Gear motor	Double gear motor
Torque	400 Ncm	



# GEZE ECdrive T2

## Fitting Variations

### Key

- = Yes
- = Not available

Door fittings	ECdrive
ISO glass fine-framed	●
MONO glass fine-framed	●
GCprofile Therm, thermally separated profile system fine-framed	●
Toughened safety glass clamping profile	●
All-glass system (GGS)	-
Integrated all-glass system (IGG)	-
Wooden leaf (provided by customer)	●

# GEZE Powerdrive PL



# GEZE Powerdrive PL

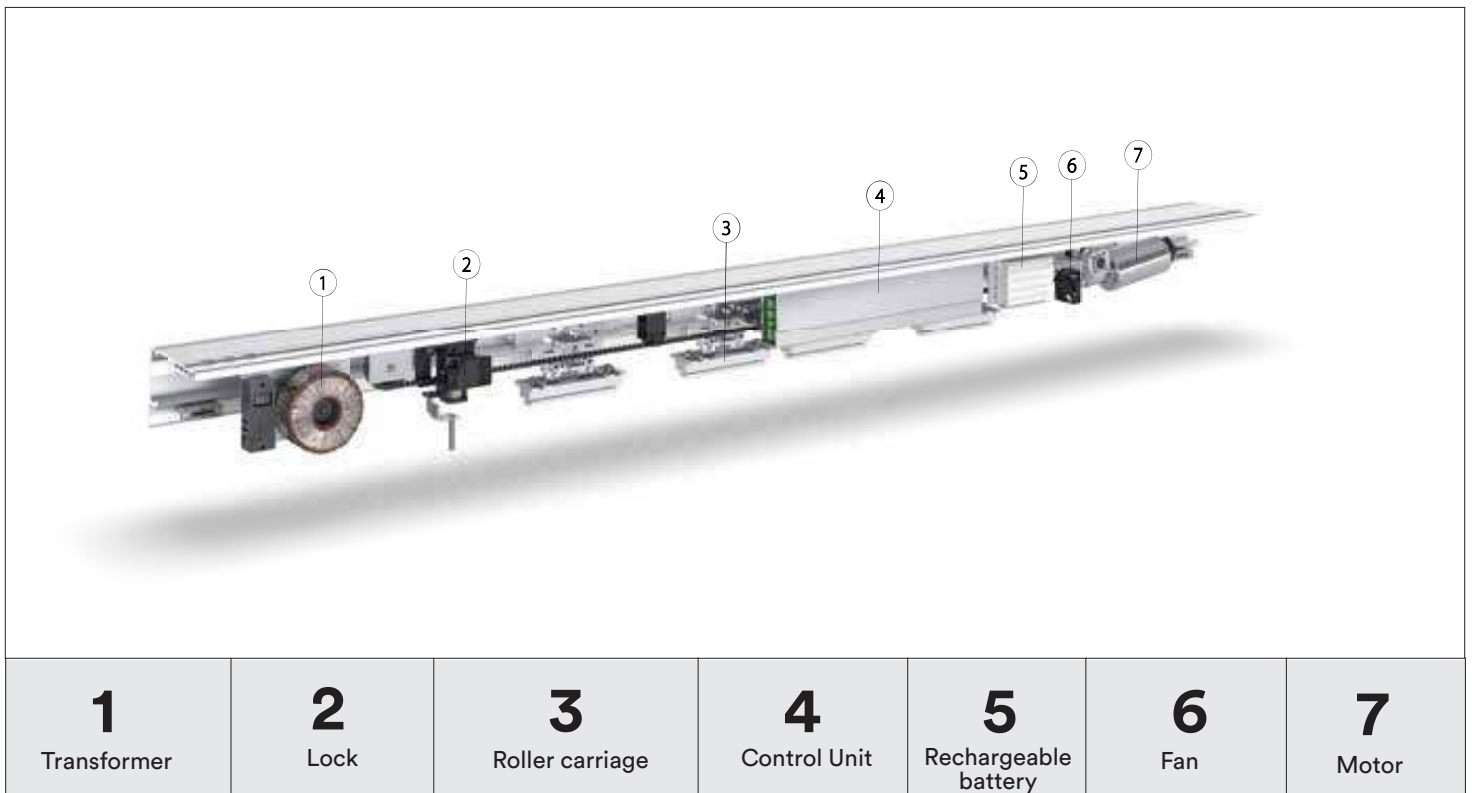
Drive system for automatic linear sliding doors with large, heavy leaves

## Overview

The trademarks of the Powerdrive series are convenience and safety even for heavy doors. Large entrances and opening widths combined with high leaves make special demands on door drive technology. And this is exactly where the strengths of the Powerdrive come into their own. Economical and powerful, this drive moves heavy door

leaves up to 200 kg (in the emergency exit route version up to 160 kg). Optimum running characteristics and low wear thanks to compatible profiling of the rollers and running rail allows use in areas with a high through-traffic volume.

## Drive system diagram



# GEZE Powerdrive PL

## Drive components

**Key**

● = Yes

Technical data	PL	PL-FR
<b>Transformer</b>	Ring core with protection and main switch	
Voltage	230 V	
Frequency	50 - 60 Hz	
Capacity Rating	200 W	
<b>Locking</b>	Toothed belt locking, electro-magnetic, bi-stable	
<b>Roller carriage</b>		
Door leaf adjustment vertical	12 mm	
Door leaf adjustment horizontal	40 mm	
Tiling protection	Standard	
Self-cleaning	●	●
<b>Control unit</b>	DCUI-NT	DCU1-2M-NT
with fault memory	●	●
with memory for statistical data	●	●
Software update possible	●	●
Bus interface optional	●	●
Connection for fire alarm system	●	●
Power supply for peripherals	●	●
Programmable inputs	3 pcs.	
Programmable outputs	2 pcs.	
<b>Rechargeable battery</b>	NiCd, 24 V, 700 mAh	
<b>Motor</b>	Gear motor	Double gear motor
Torque	400 Ncm	

# GEZE Powerdrive PL

## Fitting Variations

### Key

- = Yes
- = Not available

Door fittings	PL
ISO-glass fine-framed	●
MONO-glass fine-framed	●
GCprofile Therm, thermally separated profile system fine-framed	-
Toughened safety glass clamping profile	●
All-glass system (GGS)	-
Integrated all-glass system (IGG)	-
Wooden leaf (provided by customer)	●

## Calculation of the drive length AL in mm\*

### Note:

Opening widths of escape route sliding doors < 1000 mm are only permitted in exceptional cases. A continuous floor guide is recommended for external systems from an opening width of 2000 mm.

The minimum opening widths depend on the requirements of building law.

#### Calculation of leaf and glass dimensions in mm

Powerdrive	PL		PL-FR**	
	Opening width (ÖW)	Drive length (AL) 2-	Opening width (ÖW)	Drive length (AL)
2-leaf	800 - 3000	$2 \times \text{ÖW} + 100$	800 - 3000	$2 \times \text{ÖW} + 100$
1-leaf	700 - 3000	$2 \times \text{ÖW} + 65$	700 - 3000	$2 \times \text{ÖW} + 65$

\* Minimum overall length of the complete system with ISO glass profile system

\*\* For FR variants (FR-RWS, FR-LL) request drawings!

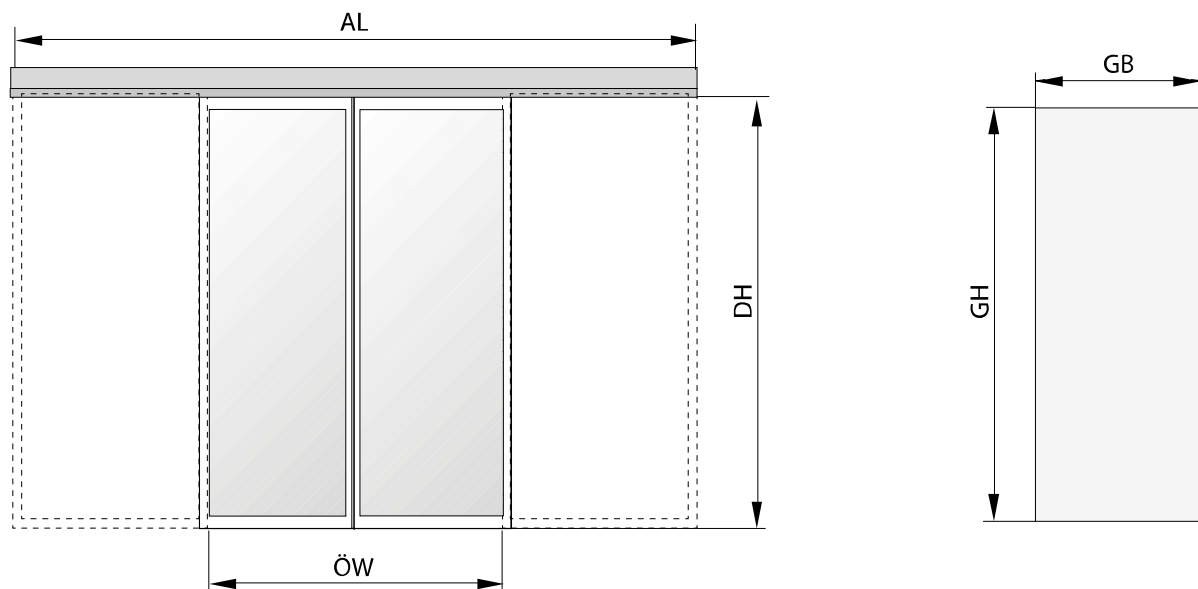
# GEZE Powerdrive PL

## Technical data

**Note:**

Max. leaf ratio width to height 1:4

Product features	ECdrive	ECdrive FR	PL HT	
Leaf width	1-leaf	ÖW+40	ÖW+ 35	ÖW+ 35
	2-leaf	ÖW /2 +40	ÖW /2 +35	ÖW/2+35
Leaf height	with cover 150 mm	DH		
	with cover 200 mm	DH+ 50		
Glass width	1-leaf	ÖW	ÖW	ÖW /+ 9
	2-leaf	ÖW/2	ÖW /2	ÖW /2+9
Glass height		FH -90	FH -90	FH-85
Glass thickness		22	22	10, 12



**AL**

Drive length

**DH**

Passage height

**GB**

Glass width

**GH**

Glass height

**ÖW**

Opening width



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