

The swing door drive Ecturn Inside

# EASY ACCESS, FREE OF BARRIERS DISCREET DESIGN



German  
Design Award

NOMINEE 2015



INTEGRATED  
TECHNOLOGY  
MAKES A  
CONSISTENT  
DESIGN POSSIBLE



# Barrier-free easy access and design - automating doors almost invisibly

Whether it's at the office or at home, we regularly find ourselves standing in front of the same door. We don't have any hands free to open it. The swing door drive ECturn Inside follows the principle of "universal design" and provides increased ease of access for everyone. It is a welcome aid for people with restricted mobility.

**ECturn Inside automatically opens and closes high-quality doors almost invisibly. The design of the door is not compromised, as the drive is integrated into the door leaf or the door frame. ECturn Inside can be integrated into a wide variety of doors, whether they are made from wood or metal.**

**Another strength is its functional diversity. Doors can be operated with all standard actuation devices and adapted to individual user requirements.**

- in entrance areas with light doors with a moderate frequency of use (about 50 - 100 cycles per day)
- in offices with high-end equipment or in conference rooms
- in hospitals or old people's homes with a high standard of comfort
- in laboratories where door handles are not to be touched for hygiene reasons
- in modern private residential buildings and in conjunction with your smart home



# THE ADVANTAGES OF GEZE ECTURN INSIDE

## **Innovative automation**

- Integrated design: Drive and control unit are not visible.
- The appearance of the door is not impaired by a drive.

**Can be adapted to any door situation:  
Great functional diversity due to its  
compatibility with all standard  
actuation devices**

## **Installation diversity**

- in wood/plastic or metal door leaf
- in wood/plastic or metal door frame

**Very quiet, electromechanical  
swing door drive**

**Meets the requirements of  
barrier-free construction and  
"universal design"**

**Safety sensors can be used by default  
(no additional circuit boards or other controls  
necessary)**

## **Barrier-free access**

**Flexible operation (manual, automatic  
or "Push & Go" function)**

**Automatic reversing  
when an obstacle is detected**

**An optional battery opens the door  
automatically in the event of a power failure**

**Wireless actuation of the drive also possible**

**Fast and convenient installation**

**Simple start-up and setting options**

"WHAT IS ESSENTIAL,  
IS INVISIBLE TO  
THE EYE."

Antoine de Saint-Exupéry



# OVERVIEW OF ALL FEATURES

## Automatic or manual opening and automatic closing of doors

### All the advantages of an automatic door without "interfering with" the door design

- The drive and the control unit are fully integrated into the door leaf, only the power supply is separate

### Flexible integration

- into a wide variety of door leaves with a thickness of min. 55 mm
- into the door frame

### Functional variety for additional user comfort

- can be operated with all standard actuation devices

### Operating modes: "automatic", "permanently open" and "night"

### Very small drive dimensions

For door leaf widths up to 1100 mm or leaf weights up to 125 kg

## Operation in low energy and automatic mode in accordance with DIN 18650

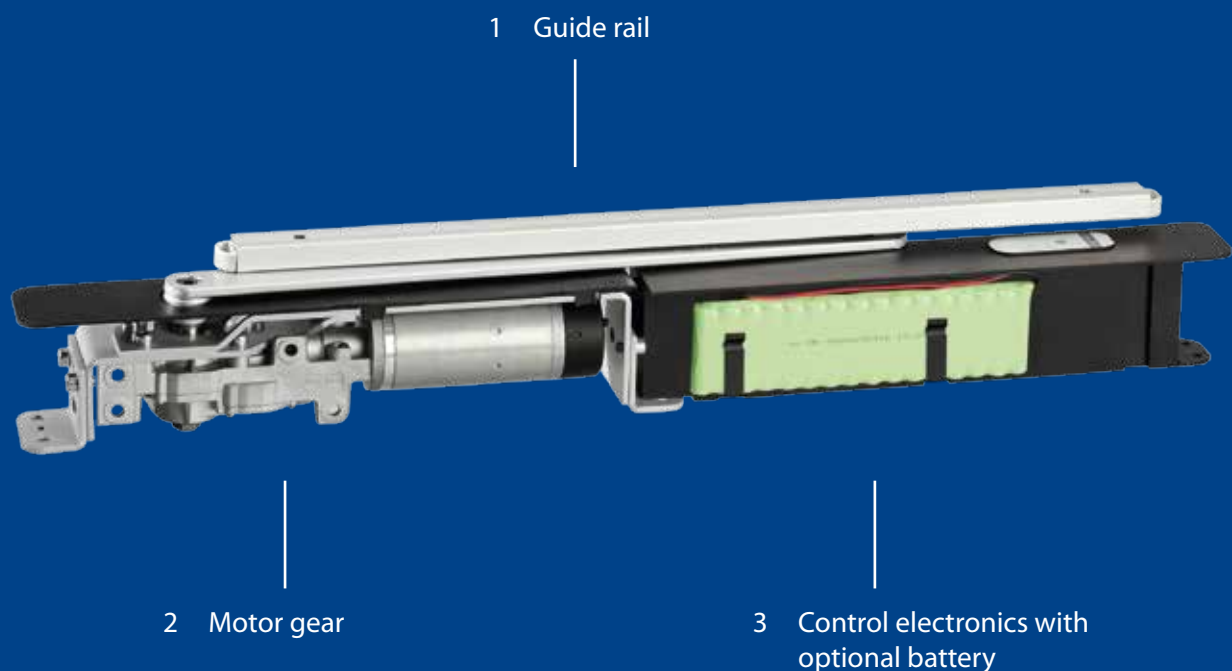
- **Low energy mode:** Reduced speed for users in particular need of protection. Protection with additional safety sensors is only necessary in individual cases and can be connected without any problems. Interfaces are available in the drive by default.
- **Automatic mode:** The swing area of the door is secured with safety sensors.

## Optional battery for maximum safety in the event of a power failure

The optional accessories, e.g. the receiver module or the battery can be integrated directly into the drive

Just as reliable as the tried-and-tested, award-winning Ecturn drive

Connection to KNX and smart home systems optional



# ECTURN INSIDE MEETS ALL REQUIREMENTS FOR BARRIER-FREE CONSTRUCTION AND LIVING

An automatic swing door only achieves maximum barrier freedom through the appropriate actuation device. GEZE control elements control and safeguard all GEZE product solutions in accordance with international standards and directives. Thanks to the variety of GEZE actuation elements, the opening and closing of doors that are equipped with Ecturn Inside can be optimally adapted to individual user requirements, e.g. with

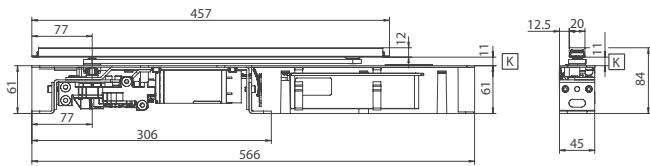
- **wireless pushbuttons**
- **mobile remote controls**
- **acoustic signals**

The user comfort of the Ecturn drive has won awards. It was awarded with the rating "good" in the user tests of the German Society of Gerontology and Geriatrics (GGT). The "GGT seal" is awarded to products that have been tested by users of the generation 50+, according to the criteria of operation, ease of use, maintenance and care.



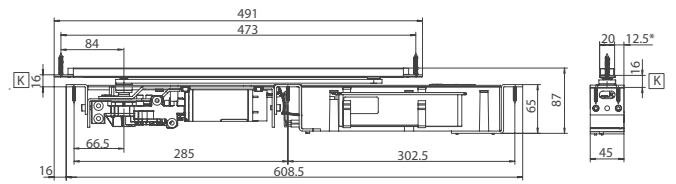
# INSTALLATION DRAWINGS

## Dimensions for installation in wooden door leaf



Dimensions ☒ (mm)	Spindle extension (mm)
11	without
17	6
24	13
27	16
31	20

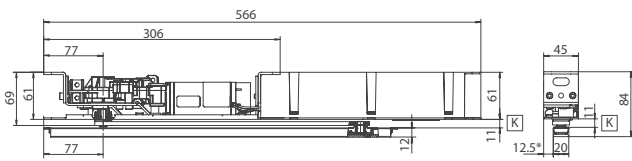
## Dimensions for installation in metal door leaf



Dimensions ☒ (mm)	Spindle extension (mm)
16	without
22	6
29	13
32	16
36	20

\*) Dimensions or positions can deviate depending on the door type

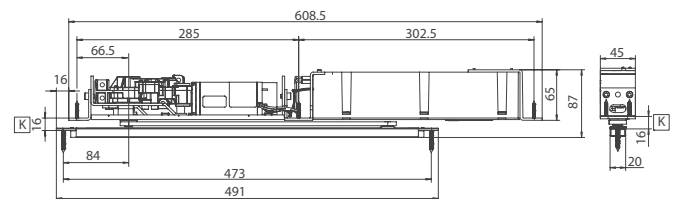
## Dimensions for installation in wooden door frame



Dimensions ☒ (mm)	Spindle extension (mm)
11	without
17	6
24	13
27	16
31	20

\*) Dimensions or positions can deviate depending on the door type

## Dimensions for installation in metal door frame



Dimensions ☒ (mm)	Spindle extension (mm)
16	without
22	6
29	13
32	16
36	20

Installation dimensions: swing door drive Ecturn Inside, drawing: GEZE GmbH, detailed drawings and a list with profile tests are available on the GEZE website: [www.geze.de/Ecturn-Inside](http://www.geze.de/Ecturn-Inside)

## Swing door drive Ecturn Inside

Min. door leaf thickness

55 mm

Max. leaf weight

125 kg

Max. leaf width

1100 mm

No. of leaves

single-leaf

Power transmission element

guide rail

As one of the global market leaders for systems for door, window and safety technology, GEZE GmbH, with its forward-looking developments, is one of the key driving forces in building technology. GEZE combines excellent design with functional diversity and innovative technology. You can find further information on ECTurn Inside at [www.geze.de/ECTurn-Inside](http://www.geze.de/ECTurn-Inside)

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