



ECturn NT

Automatic Swing Door Operator

Elegant Access, Engineered for Ease

Ecturn NT



Applications

- For single-direction left or right opening doors
- Supports door widths up to 1100 mm and weights up to 125 kg
- Ideal for medium-traffic entrances and interior doors
- Enables automation for fully frameless glass doors
- Supports both door leaf and door frame installation
- Suitable for barrier-free (accessible) passageways

Product Features

- The opening and closing speeds can be adjusted independently.
- The electronic locking function accelerates the door closing before it reaches the locking position.
- Low energy consumption function, with slow door opening and closing, meeting the highest safety requirements.
- Obstacle detection stop function, where the door will automatically stop when it encounters an obstacle during the opening or closing process.
- Push-and-go function, where the door automatically opens after being lightly pushed.
- The unit can be paired with a guide-rail or link-arm.
- Glass guide-rails can be used for glass doors with a thickness of 8-10mm.
- Optional backup battery provides maximum safety during a power outage.
- Optional wireless accessories, allowing the door to be operated via remote control.
- Bluetooth version available, with the module built-in, enabling operation and debugging through Android or iOS apps.
- Reserved RS485 interface, in multi-door systems, each door controller has its own address code through the Modbus protocol, and can be connected to the GEZE BASconnect smart building control system.
- Controller upgrade uses a more precise vector control method, suitable for doors with small installation errors and tight door axis tolerances.
- Double doors can be electronically connected to achieve sequential operation.
- Drive and gearbox system fully upgraded for better durability and smoother operation.

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Technical Specifications

Height	: 60 mm
Width	: 580 mm
Depth	: 60 mm
Maximum Door Weight (single door)	: 125 kg
Door Width (min-max)	: 650 – 1100 mm
Maximum Depth	: 200 mm
Maximum Door Gap	: 50 mm
Opening Time	: Not less than 3 seconds
Closing Time	: Not less than 3 seconds
Stop Time	: 0-60 seconds
Maximum Opening Angle	: 135°
Drive Mode	: Electronic Mechanical Type
DIN Left	: ●
DIN Right	: ●
Head mounting with guide rail on the hinge end	: ●
Head mounting with guide rail on the end opposite the hinge	: ●
Head mounting with rod on the end opposite the hinge	: ●
Door leaf mounting with guide rail on the hinge end	: ●
Door leaf mounting with rod on the hinge end	: ●
Door leaf mounting with guide rail on the end opposite the hinge	: ●
Mechanical Locking Function	: N
Electronic Locking	: ●
Power-off Mode	: Direct control via power switch
Delayed Start (Maximum)	: 20 seconds
Operating Voltage (V)	: 110 – 230 V
Power Supply Frequency (Hz)	: 50 – 60 Hz
Rated Power (W)	: 40 W
External Power Supply (24 V DC) (mA)	: 600 mA
Temperature Range (°C)	: -20 to 50°C
Protection Class	: IP20
Operating Mode	: Automatic, Normally Open, Lock
Function Type	: Fully Automatic
Automatic Function	: ●
Low Energy Consumption Function	: ●
Servo Function	: ●
Obstacle Detection	: ●
Automatic Reversal	: ●
Push-and-Go (Adjustable)	: ●
Interlocking Function	: ●
Synchronous/Sequential Function	: ●
Remote Control Function	: ●, with built-in receiver, optional remote-control
Parameter Setting	: Direct controller setting / APP setting (requires Bluetooth version)
Complies with EN16005 Standard	: Certified
Complies with GB34616 Standard	: Certified

● Available

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Accessory Information

Backup Battery (Optional) (Power-off Open, Power-off Close, Automatic)	: Optional
Magnetic Lock or Electric Strike Lock (Optional)	: Optional
Safety Sensor (Optional) (Infrared or Laser)	: Optional
Access Control (Optional)	: Optional



Public Buildings



Residential



Hotels and Restaurants



Retail



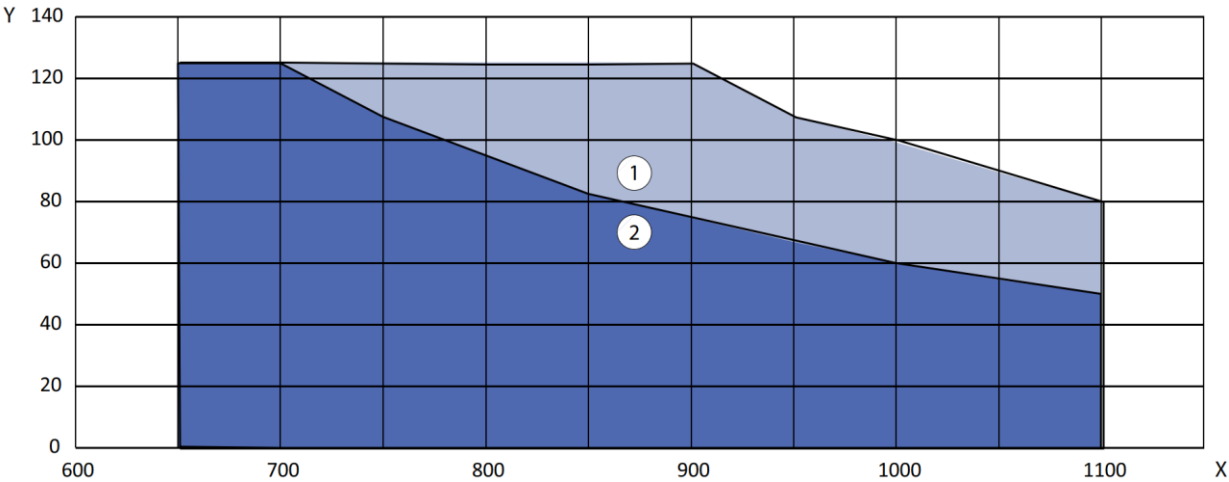
Sports and Culture



Office Buildings

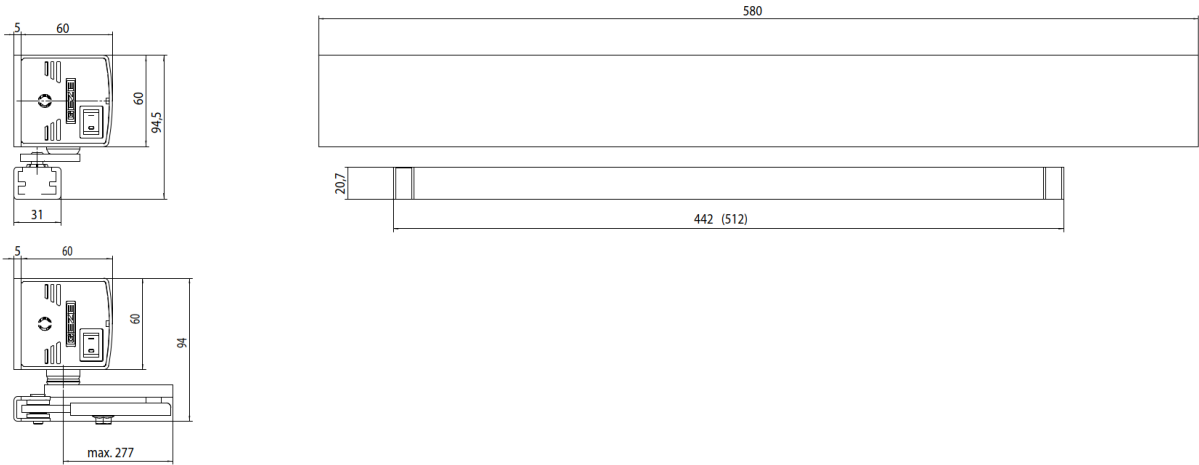
ETurn NT

Door Width and Weight Selection Chart



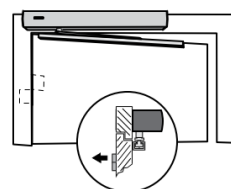
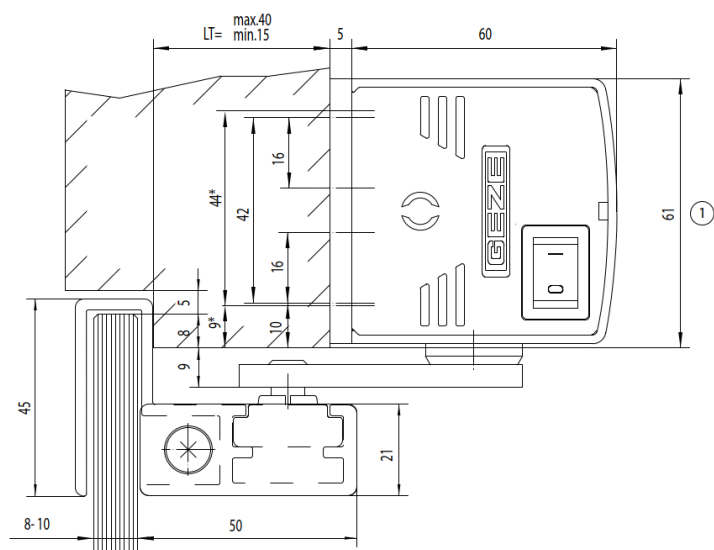
X = Door Leaf Width (mm)
Y = Door Leaf Weight (kg)
1 = Applicable Range for Low-Energy Mode
2 = Applicable Range for Automatic Mode

Product Dimensions

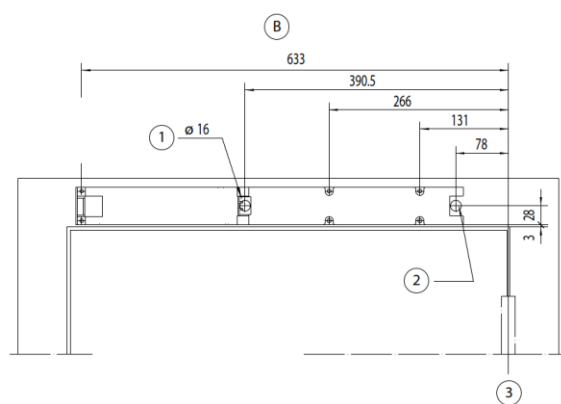
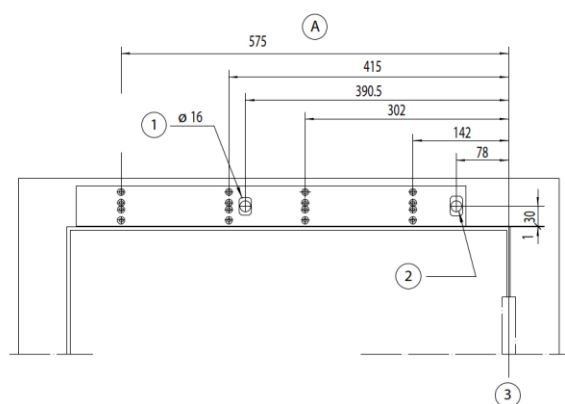


The schematic diagram shows a DIN left-hand opening door; a DIN right-hand opening requires mirroring.

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Mounting installation on the side opposite the hinges



With mounting plate : A

Direct installation : B

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Ordering Number

ID	Description
213405	ECturn NT VP Component Box (Bluetooth Version)
212854	ECturn NT VP Component Box (Non-Bluetooth Version)

App Introduction



App QR Code

Bluetooth version available, with built-in module, allowing direct operation and configuration of the device via Android or iOS applications.





Main Page



Automatic

Permanent open

Night

Single Dir

Change Password

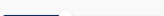


Fault Show

Setting Mode

Settings

Opening speed
0  30

Closing speed
0  30

Angle of opening
0  99

Hold open time
0  60

Slow angle of opening
0  30

Slow angle of closing
0  30

Door closing clamping force
0  10

Factory Setting

Save

Set Parameters

We are GEZE.

For liveable buildings

GEZE stands for innovation, high quality and comprehensive support of building technologies. From the initial idea, planning and operational implementation with series products to customised system solutions and individual service and maintenance plans. We offer an extensive product range of door, window and safety technology products and are a major driving force behind the digital networking of building automation.

GEZE (Asia Pacific) Pte Ltd
2 Bukit Batok Street 23
#03-01 Bukit Batok Connection
Singapore 659554
www.geze.sg | gezesea@geze.com