

Product data sheet

GEZE GE50NR Profile System

Alluminium Alloy EN Aw – 6060 Profile system
Compliant to the UNI EN 573, UNI EN 755-2, with physical supplying state T5.
50mm section both on the fixed frame and leaf.
Construction inner and outer co-planar leaf.
Glass predisposition with thickness between 8 and 39mm.



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Product Features

Very powerful drive for large, heavy leaves and wide opening widths

Can be networked via CAN bus and integrated into building technology management systems

Independent error recognition and recording

Adjustment options for all door movement parameters

Freely configurable inputs and outputs for different functions

Integrated battery for emergency opening and closing in the event of a power failure

Various mechanical and electrical locks are optionally available

Emergency exit with maximum 90° leaf rotation, with BO/BI system

Emergency Exit

Automatic sliding door ECT2 BO can be equipped with emergency opening system called GEZE APN BO, which has been tested from “Istituto Giordano” and it is suitable for escape routes.

In case of emergency it is only necessary a push on the moving leaf to activate the breaking system, which ensure the door over-turning and keep the route free on the exterior.

As disposed by the European Norm 16005 and the machine directory (that rules the safety usage of automatic pedestrian doors), the moving leaf and the semi-fixed side leaf, must be openable in any position with a max. 220N push. That is to consent anybody and in any case, a safe and easy exit in case of emergency and danger.

Opening force of system cannot be higher than the value indicated, consequently each major push make on the leaf surface, will provoke the release of the locking system and the leaves-opening as a result of this action.

With this solution the passage opening is wider and in the “automatic mood” has a standard sliding functionality.

Two possible options: partial breaking system and complete breaking system.

First one with just the breaking on the moving leaf (sliding leaves of the automatic entrance); the second one is realized to ensure a wider passage dedicated to the escape route thanks to the possibility of breaking side leaves too.

The anti-panic system APN BO/BI is engineered to ensure each mandatory safety requirement every time the entrance is used as an emergency exit in case of fire or other danger.

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Application Areas

Single and double leaf sliding door systems

Interior and exterior doors with high access frequency

Opening widths from 700 to 3000 mm possible

Door leaf weights up to 80kg (light system), up 120kg (heavy system) APN

Suitable for emergency escape route

Integrated battery for emergency opening and closing in the event of a power failure

Various mechanical and electrical locks are optionally available

Product Data Table

Product name	GE 50 NR
For 1-leaf door systems	YES
For 2-leaf door systems	YES
Height (max) standard version	3500 mm
Height (max) BO/BI version	3050 mm
Opening width (min-max) 1-leaf standard	700-3000 mm
Opening width (min-max) 2-leaf standard	800-3000 mm
Opening width (min-max) 1-leaf APN	700-1430 mm
Opening width (min-max) 2-leaf APN	1200-2860 mm

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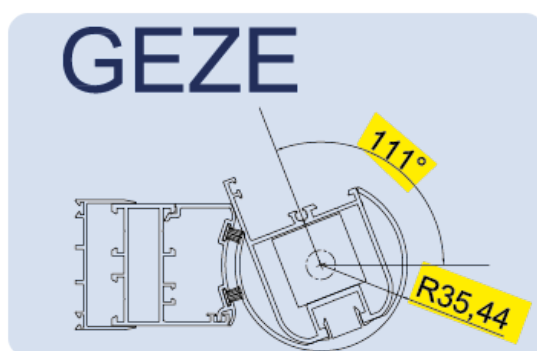
Conveniences at glance

The smallest round pole on the market: additional benefit for the façade design

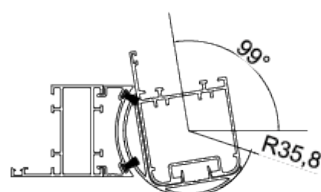
Non-visible Ball Catch as a great aesthetic added value for planners and architects

Hook-guide, to avoid any accidental leaf slipping

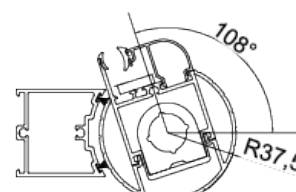
Opening-angle's compared with our competitors



FAAC



ASSA-ABLOY



Drives & Accessories

Drives

Suitabile with Drive ECdrive T2

Accessories

GC 363

GC 363 R

GC 339

GC 356

GC 306

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Break-out system one moving leaf + one semifixed leaf

up to 80 kg		80 – 100 kg	
Qty	Components	Qty	Components
1	APN NR L - PIVOT 80	1	APN NR P - PIVOT 100/120
1	APN NR - SCREW FOR PIVOT	1	APN NR - SCREW FOR PIVOT
1	APN NR - 2 PLASTIC COVER	1	APN NR - 2 PLASTIC COVER
2	APN NR - BALL LOCK KIT	2	APN NR - BALL LOCK KIT
1	APN NR - LOWER SUPPORT	1	APN NR - LOWER SUPPORT
1	APN - GREEN ROLLER	1	APN - WHITE ROLLER
1	ELECTRIC CONTACT	1	ELECTRIC CONTACT

to reach 120 kg	
Qty	Components
1	APN NR TRANSOM SUPPORT 120

Qty	Components	Version	Qty	Components	Version
1	APN NR - GUIDE Frame Length 6.000 mm	EV1	1	APN NR - GUIDE Frame Length 6.000 mm	EV1

Qty	Components	Version	Qty	Components	Version
1	APN NR - ADAPTER Frame Length 6.000 mm	EV1	1	APN NR - ADAPTER Frame Length 6.000 mm	EV1
1	APN NR - ADAPTER Frame Length 6.000 mm	Rough	1	APN NR - ADAPTER Frame Length 6.000 mm	Rough

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GEZE GE50NR Profile System

Break-out system double moving leaves + 2 semifixed leaves

up to 80 kg		80 - 100 kg	
Qty	Components	Qty	Components
2	APN NR L - PIVOT 80	2	APN NR P - PIVOT 100/120
2	APN NR - SCREW FOR PIVOT	2	APN NR - SCREW FOR PIVOT
2	APN NR - 2 PLASTIC COVER	2	APN NR - 2 PLASTIC COVER
4	APN NR - BALL LOCK KIT	4	APN NR - BALL LOCK KIT
2	APN NR - LOWER SUPPORT	2	APN NR - LOWER SUPPORT
2	APN - GREEN ROLLER	2	APN - WHITE ROLLER
2	ELECTRIC CONTACT	2	ELECTRIC CONTACT

to reach 120 kg	
Qty	Components
2	APN NR TRANSOM SUPPORT 120

Qty	Components	Version	Qty	Components	Version
1	APN NR - GUIDE Frame Length 6.000 mm	EV1	1	APN NR - GUIDE Frame Length 6.000 mm	EV1

Qty	Components	Version	Qty	Components	Version
1	APN NR - ADAPTER Frame Length 6.000 mm	EV1	1	APN NR - ADAPTER Frame Length 6.000 mm	EV1
1	APN NR - ADAPTER Frame Length 6.000 mm	Rough	1	APN NR - ADAPTER Frame Length 6.000 mm	Rough

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