KAD-POWERDRIVE PL

Non Fire Rated Doors, Satin Anodised Aluminium

Description

Geze Drive System for Automatic Linear Sliding Doors up to 200kg Leaf Weight - Non Fire Rated



Product Summary

Electro-mechanical drive system for automatic linear sliding doors. Internal or external, single or double leaf doors, non fire or smoke rated, up to 200kg leaf weight

Certification

European Norm	EN16005
Product Classification	Complies or exceeds the design guidelines as depicted
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	n/a

BIM Assist™

CE

BC(A)R Assist™*

Guarantee **1 Year**

Last Reviewed 02/10/2019

* ROI Only

For the purpose of continual product development, KCC reserves the right to change specifications without notice.
Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

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Features

- Electro-mechanical drive system for automatic linear sliding doors. Internal or external, single or double leaf doors, non fire or smoke rated, up to 200kg leaf weight
- Suitable for a large number of motion cycles
- Automatic adaptation to traffic flow where for example, the door adjusts its door hold open time to a longer time in busy periods and a shorter time in quiet periods
- Automatic reversal when an obstacle is detected
- Site selectable programming options via the Display Programming Switch (DPS) include:
    - Automatic mode: The doors will automatically power open on entry or egress via the activation devices, and automatically close after a preset time
    - Pharmacy opening: The doors can be programmed to have a limited width opening at certain times (staff opening up time etc.)
    - Interlocking door system function: Where two doors work together so that one door will open, when the other is closed. This could be a security feature or could be to create a draught lobby to reduce heat loss
    - Automatic opening or closing in the event of a power failure
- Electro-magnetic, b-stable, tooth belt locking design ensures that the doors remain in a secure locked position even in the event of a power failure

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Technical Characteristics

- Dimensions: H150mm / 200mm x D185mm
- Opening Width 1-leaf: 700mm - 3000mm / 2-leaf: 800mm - 3000mm
- Leaf Weight 1-leaf: 200kg / 2-leaf: 2 x 200kg
- Motor Type: Gear (Single)
- Motor Torque: 400 Ncm
- Opening/Closing Speed (Max.): 0.8/0.8 m/s
- Hold Open Time: 0 - 60s
- Adjustable Opening/Closing Force (Max.): 150N
- Locking: Toothed belt locking, electro magnetic, bi-stable
- Power
    - Voltage: 230V
    - Frequency: 50 – 60 Hz
    - Capacity Rating: 200 W
    - Disconnection from Mains: Main switch in the drive
    - Rechargeable Battery: NiCd, 24 V, 700 mAh
    - Power Supply for Peripherals: Yes
- Door Leaf Adjustment Vertical: 12mm
- Door Leaf Adjustment Horizontal: 40mm
- Anti-tilt Protection: Standard
- Self Cleaning: Yes
- Control Unit (DCU1-NT)
    - Fault Memory: Yes
    - Statistical Data Memory: Yes
    - Software Updates: Yes
    - Optional BUS Interface: Yes
    - Connection for a Fire Alarm System: Yes
    - Programmable Inputs: 3
    - Programmable Outputs: 2
- Temperature Range: -15 to +50 °C
- IP Rating: IP20
- Automatic Opening in the Event of a Power Failure: Adjustable
- Automatic Closing in the Event of a Power Failure: Adjustable
- Function in the Event of a Power Failure: Adjustable. Battery backup would allow for up to 30 min./ 30 cycles
- Automatic Opening in the Event of a Fault: Not available

Standards

This product meets / surpasses the following:

- DIN 18650: The industrial standard DIN 18650 was created to guarantee operators and users of automatic doors optimum safety. GEZE sliding door systems have been type-tested and certified in accordance with DIN 18650.
- EN 16005: The European standard EN 16005 sets out the design requirements and testing methods used to ensure the safe use of automatic doors. All automatic door systems and safety sensors from GEZE meet the EN 16005 standard
- DIN EN ISO 13849: Performance Level D
- EN 61000-6-2:2005/AC:2005, EN 61000-6-3:2007/A1:2011/AC:2012
- EN 60335-1:2012/AC:2014, EN 60335-2-103:201

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Specification Text

DOOR AUTOMATION
· Manufacturer: Geze
- Product reference: KAD-POWERDRIVE PL
· Type: Drive System for Automatic Linear Sliding Doors up to 200kg Leaf Weight - Non Fire Rated
· Finish: [SPECIFY]
- Operator construction: Aluminium
- Dimensions: H150mm / 200mm x D185mm
- Opening Width 1-leaf: 700mm - 3000mm
- Opening Width 2-leaf: 800mm - 3000mm
- Leaf Weight 1-leaf: 200kg
- Leaf Weight 2-leaf: 2 x 200kg
Operating Modes:
· Automatic mode
· Pharmacy opening
· Interlocking door system function
- Motor Type: Gear (Single)
- Motor Torque: 400 Ncm
- Opening/Closing Speed (Max.): 0.8/0.8 m/s
- Hold Open Time: 0 - 60s
- Adjustable Opening/Closing Force (Max.): 150N
- Locking: Toothed belt locking, electro magnetic, bi-stable
- Power
· Voltage: 230V
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