

# Class 1

## Building Product Information Sheet

### dormakaba Automatic Swing Door Operators

Product name (include the brand name):

dormakaba Automatic Swing Door Operators

Other product names (variant, sub-variant, functional name, etc. if applicable)

Product identifier (if applicable):

ED100, ED250

*This could be a Global Trade Item Number (GTIN) or any other distinguishable part/model number or identifier*

Product description and its intended use (measurements, materials, usage):

A swing door operator is a door operator that automates swing doors, making them more accessible and convenient for people. It is a motorised system that can be installed on new or existing swing doors. It opens and closes the door automatically with the help of a motor.

Frequent areas of application for swing door operators are commercial facilities such as office buildings, hospitals and airports. But swing door operators can also be used in public buildings and private homes.

They can be operated using a variety of control mechanisms, including push buttons, sensors, or remote controls.

[https://www.dormakaba.com/au-en/offering/products/entrance-systems/swing-door-operators/ed-100ed-250--do\\_342](https://www.dormakaba.com/au-en/offering/products/entrance-systems/swing-door-operators/ed-100ed-250--do_342)

Place of manufacture:

Aotearoa New Zealand     Overseas

Legal name of the manufacturer(s):

dormakaba

Trading name of the manufacturer(s):

dormakaba

New Zealand Business Number (NZBN):

9429039306319

Other Legal Entity Identifier (if available):

Company Number: 439555

## Address for service:

STREET NAME	Bldg P, 61-69 Patiki Road	SUBURB	Avondale
CITY, COUNTRY	Auckland	POSTCODE	1026

Website: [www.dormakaba.com](http://www.dormakaba.com)Email address: [info.nz@dormakaba.com](mailto:info.nz@dormakaba.com)

Phone no. (if applicable): 0800 436 762

## Legal name of the importer (if applicable):

dormakaba New Zealand Ltd

## Trading name of the importer (if applicable):

dormakaba New Zealand Ltd

New Zealand Business Number (NZBN): 9429039306319

Other Legal Entity Identifier (if available): Company Number: 439555

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Phone no. (if applicable): 0800 436 762

## Relevant Building Code clauses:

automatic operator is compliant to the N.C.C (BCA) and is tested to Australian Standard AS5007, 1 million cycle endurance testing clause 4.4.1.1 by a NATA accredited facility.

AS5007-2007 Power doors for pedestrian access and egress

NZS 4520 :2010

Compatibility for use with varying fire door cores should be checked with dormakaba.

## Statement on how the building product is expected to contribute to compliance:

The dormakaba swing door drives offer a range of benefits, including accessibility, security, and fire protection. They are ideal for high-traffic areas, providing effortless operation for all users. The swing door drives are also designed to meet the latest safety regulations, ensuring the safety and protection of building occupants.

Double-leaf systems can be equipped with an extended casing, which provides a visual advantage. They can also be equipped with an easy to install closing sequence control.

By using the dormakaba Upgrade Cards, the range of functions can be adapted to many door situations. The integrated functions ensure that a large number of possible applications can be easily implemented.

- *options for compliance set out in section 19 of the Act (regulations, acceptable solution, verification method)*
- *standard or technical document that describes the performance of the building product or the relevant specifications to which the building product was manufactured*
- *physical properties of the building product*
- *how the building product is intended to be used.*

Limitations on the use of the building product:

**ED 100**

Max. power consumption 120 Watts

Closing force EN 1154 EN 2 – 4, adjustable

Max. door-leaf weight for reveal depths of up to 300 mm 160 kg depending on the door width

Door-leaf width 700 – 1,100 mm

Opening speed 0 – 90° 4\* – 12 seconds

Closing speed 90 – 0° 5\* – 21 seconds

Axle extension 20/30/60 mm Reveal depth for slide channel +/- 30 mm

Reveal depth for slide channel CPD 30 – 60 mm

Reveal depth for standard arm 0 – 300 mm

**ED 250**

Max. power consumption 240 Watts

Closing force EN 4-7\*\*, adjustable

Max. door-leaf weight for reveal depths of up to 300 mm 400 kg depending on the door width

Max. door-leaf weight for reveal depths from 301 mm to 500 mm 160 kg

Door-leaf width 700 – 1,600 mm

Opening speed 0 – 90° 3\* – 12 seconds

Closing speed 90 – 0° 4\* – 21 seconds

Axle extension 20/30/60/90 mm

Reveal depth for slide channel +/- 30 mm

Reveal depth for slide channel CPD 30 – 60 mm

Reveal depth for standard arm 0 – 500 mm For reveal depths standard arm for fire protection 0 – 350 mm

Design requirements that would support the appropriate use of the building product:

With the ED 100 ED 250, dormakaba offers an electromechanical swing door operator for various fields of application. The operator may be installed as a push version with a standard arm assembly or as a pull version with slide channel.

Modular design and variable functional range

Door widths up to 1100 mm (ED 100) and 1600 mm (ED 250)

Door weights up to 160 kg (ED 100) and 400 kg (ED 250)

For single- and double-leaf swing doors

May be installed as a push or pull version

New: The smoke pressure ventilation function SPV ensures reliable drive behaviour, even under varying pressure conditions in buildings.

New: Evacuation function enables barrier-free evacuation in the event of an alarm.

Users may choose between two operating modes: Door Closer and Automatic mode. While set to the Door Closer mode, the ED 100 / ED 250 swing door operator is optimized for manual operation. With its optional Power Assist function, the Door Closer mode is tailored to predominantly manually operated doors where a door closer function is desired. The Automatic mode in turn is especially suitable for mainly automatic access with motion detector or pushbutton actuation.

The ED 100 / ED 250 swing door operator is especially suitable for exterior doors that are subjected to varying wind loads and for interior doors separating rooms where different air pressures prevail. While the system is in Automatic mode, the wind load control monitors the actuation speed, keeping it constant at the preset value.

Installation requirements (also provide link to the product installation guide):

Installation of these Automatic Sliding door operators must be conducted by an Authorised dormakaba technician or an approved dormakaba partner.

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Maintenance requirements (also provide link to the product maintenance guide):

Maintenance of these Automatic Sliding door operators must be conducted by an Authorised dormakaba technician or an approved dormakaba partner as they form part of the SS3/1(specified systems).

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<https://www.dormakaba.com/au-en/service>

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes  No

If yes, description of the warning or ban under section 26:

Version: 1.0

Date: 15-Jul-2024