1. Unique identification code of the product-type:

Brand	King
Model(s)	NK5051 series
Part Number / identifier	NK5051BCDA/EDA
Bar code	N/A
Description/Type	Rack and Pinion Hydraulic Door Closer Range, ANSI Grade
Production type	Batch or mass-produced products
NZ Building Product class	Class 1

2. Product description and its intended use(s)

The **ASSA ABLOY KING NK5051 Series Door Closer** is a robust, **ANSI-grade hydraulic door control solution** engineered for **high-traffic commercial environments**. When paired with an extended **Heavy Duty Arm**, the NK5051 provides superior mechanical strength and durability, ensuring reliable performance even on **large, heavy, or frequently used doors**.
Designed with versatility in mind, the NK5051 pairing with the extended heavy-duty arm is particularly suited to **aluminium joinery applications exterior door**, including door application requiring extended projection with parliament hinges fitment, making it an excellent choice for the New Zealand market where aluminium doors are widely specified across commercial building projects.

Performance & Durability
Built to withstand demanding operating conditions, the NK5051 delivers **smooth, controlled door operation with consistent closing force**. Its heavy-duty construction supports long service life while maintaining performance integrity across high cycle counts.

Feature:

- Adjustable through the power range of sizes BF – 6 (1~6 adjustable spring sizes).
  BF Denotes “Barrier-Free” ADA compliance
  NK5051 (BF-6) also confirms to the BF opening force requirements of the A.D.A and ANSI/BHMA standard A117.1 for interior doors.
- Rack & Pinion Operation
- Non-handed; suitable for left or right hand doors
- Mounting – Push-side mount only with extra duty arm. Drop plate for push side is available as accessory (part number: NK5051-18PA).
- Back check (BC) adjustable
- Adjustable sweep and latch speed control valve
- Adjustable back-check valve
- Delayed action adjustable
- Non-Hold open
- Cast Iron Body and Heavy Duty Arm
- Molded Cover
- Includes heavy duty arm, screws, brackets and soffit plates
- Supplied in trade pack

Compliance:

- ANSI/BMHA A156.4, Grade 1 certified

- UL /cUL listed
- UL10C listed for positive pressure fire test
- NK5051 (BF-6) model is designed to comply with requirements for the Americans with Disability Act (A.D.A) and ANSI standard A117.1

3. Place of Manufacture:

Place of Manufacture

☐ Aotearoa New Zealand ☒ Overseas, see manufacturer section for details

4. Legal and trading name of the manufacturer(s):

ASSA ABLOY KOREA SAMHWA PRECISION CO.,LTD

Address for Service

Street name and number	SIWHA INDUSTRIAL COMPLEX 2-NA-601 234 HUIMANGGONGWON-RO
Suburb	SIHEUNG-SHI
Region/state	GYEONGGI-DO
Country	KOREA
Post code	15083
Website	https://www.kingdoorcloser.com/kr/en
Email	https://www.kingdoorcloser.com/kr/en/contact-us
Phone	+82-31-412-0121
Business number	

5. Legal and trading name of the importer (if applicable):

ASSA ABLOY New Zealand Ltd

Address for Service

Street name and number	6 Armstrong Road
Suburb	Rosedale
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	https://www.assaabloy.com/nz/en
Email	nzsales@assaabloy.com
Phone	+64 (09) 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

- B2 Durability: Performance clauses B2.3.1(c) (i) and (ii)
- D2 Mechanical installations for access: Performance clauses D2.3.1(a) & (b) and D2.3.2(a)

7. Statement on how the building product is expected to contribute to compliance.

- B2.3.1(c) (i) and (ii): Successfully tested to confirm with minimum 2,000,000 cycles under ANSI/BMHA A156.4, Grade 1 certification for door closers and Pivot.
- D2.3.1(a) & (b) and D2.3.2(a): Successfully tested to confirm with minimum 2,000,000 cycles under ANSI/BMHA A156.4, Grade 1 certification for door closers and Pivot. Product in-built with adjustable back-check valve, sweep and latch speed control valve, delayed action and non-hold open feature to control door opening and closing speed

8. Limitations on the use of the building product:

- Maximum opening angle of 180° when door, frame, hardware and arm function do not interfere
- This product has not had fire testing conducted in New Zealand and should not be used on fire doors unless approved by door manufacturer.

9. Design requirements that would support the appropriate use of the building product.

- Requirement to comply with building fire regulations.
- Non-handed, suitable for left-hand or right-hand doors.
- Adjustable force (within specified range), delayed action, closing and latching speeds.
- The power of the door closer is altered by adjusting the position of the door closer body on the mounting template.

10. Installation requirements

- Refer to the installation instructions available from
https://www.assaabloy.com/nz/en/solutions/products/door-hardware/door-closers/surface-mounted-door-closers/nk5051-king-series-door-closer
ASSA ABLOY KING DOOR CLOSER NK5051 Installation - YouTube

11. Maintenance requirements

- Refer to the online general maintenance guide:
https://www.assaabloy.com/nz/en/documents/warranty/Care%20and%20Maintenance%202020.pdf
- Only use with supplied hardware and follow all instructions.
- Door alignment and maintenance is essential to maintain locking alignment and performance.

12. 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

N/A

13. Date

Date of document completion (day/month/year)

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