

Building Product Information Sheet

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Type: SureClose Center Mount Non-Safety Model Configurations

D&D Technologies®

Part of ASSA ABLOY

1. Unique identification code of the product-type:

Brand	D&D Technologies
Model(s)	SureClose Center Mount Hydraulic Hinge-Closer Non-Safety Model Configurations - Part Number / identifier listed below

Part Number / identifier	Bar code	Description/Type	Production type	NZ Building Product class
75108113M	736494007927	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and aluminum gate frame bracket	Batch or mass-produced products	Class 1
75057113M	736494007965	SureClose Center Mount Non-Safety Hinge-Closer with aluminum gate frame bracket	Batch or mass-produced products	Class 1
75001113	736494007590	SureClose Center Mount Hinge only with aluminum gate frame bracket	Batch or mass-produced products	Class 1
7511	736494007637	SureClose Center Mount oval aluminum post bracket	Batch or mass-produced products	Class 1
7512	736494007644	SureClose Center Mount square aluminum post bracket	Batch or mass-produced products	Class 1
75108114M	736494007941	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and steel gate frame bracket	Batch or mass-produced products	Class 1
75057114M	736494007989	SureClose Center Mount Non-Safety Hinge-Closer with steel gate frame bracket	Batch or mass-produced products	Class 1
75001114	736494007606	SureClose Center Mount Hinge only with steel gate frame bracket	Batch or mass-produced products	Class 1
7526	736494007781	SureClose Center Mount square steel post bracket	Batch or mass-produced products	Class 1
Refer to Configurations below self-closing gate capacities.				

This specification only covers the Configurations listed below – substitutions are not permitted.

2. Product description and its intended use(s)

SureClose Center Mount Hydraulic Hinge-Closer Non-Safety Model Configurations.

Key Features:

- Combined hinge-closer models with a self-closing gate capacity of up to 120kg on gate dimensions of 1,800mm H x 1,000mm W per hinge pair – refer to table below for self-closing gate capacity configurations.
- Opens to 90° in both directions.
- Combined hinge-closer models self-close from 89°– 0° in both directions with built-in hold at 90° in both directions.
- Adjustable self-closing speed / force.
- Adjustable Final Snap Action (75108113M and 75108114M).

Building Product Information Sheet

D&D Technologies®

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Part of ASSA ABLOY

Type: SureClose Center Mount Non-Safety Model Configurations

- Mounting brackets come in steel or aluminium versions and suitable for weld-on or screw-on mounting.
- Separate SureClose Center Mount post brackets are required to complete installation (7511, 7512 or 7526)
- Materials:
 - Aluminium models have 50-micron thick hard anodizing.
 - Steel models have high performance proprietary non-electrolytic zinc flake coating.
- Recommended and Minimum post sections – refer to table below.
- Ideal Gate Gap and Gap Variance – refer to table below.

Part Number / identifier	Description/Type	Gap Variance	Recommended Minimum Fence Post Depth
75108113M	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and aluminum gate frame bracket	63 – 76mm	76mm
75057113M	SureClose Center Mount Non-Safety Hinge-Closer with aluminum gate frame bracket	63 – 76mm	64mm
75001113	SureClose Center Mount Hinge only with aluminum gate frame bracket	63 – 76mm	64mm
7511	SureClose Center Mount oval aluminum post bracket	-	-
7512	SureClose Center Mount square aluminum post bracket	-	-
75108114M	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and steel gate frame bracket	63 – 76mm	76mm
75057114M	SureClose Center Mount Non-Safety Hinge-Closer with steel gate frame bracket	63 – 76mm	64mm
75001114	SureClose Center Mount Hinge only with steel gate frame bracket	63 – 76mm	64mm
7526	SureClose Center Mount square steel post bracket	-	-

Configuration	Part Number / identifier Hinge 1	Part Number / identifier Hinge 2	Self-Closing Gate Capacity
1	75057113M	75001113	40kg
2	75057113M	75057113M	80kg
3	75108113M	75001113	80kg

Building Product Information Sheet

D&D Technologies®

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Part of ASSA ABLOY

Type: SureClose Center Mount Non-Safety Model Configurations

4	75108113M	75108113M	120kg
5	75057114M	75001114	40kg
6	75057114M	75057114M	80kg
7	75108114M	75001114	80kg
8	75108114M	75108114M	120kg

Applications:

- Combined hinge-closer models with a self-closing gate capacity of up to 120kg on gate dimensions of 1,800mm H x 1,000mm W per hinge pair – refer to table below for self-closing gate capacity configurations.
- Commercial Gates.
- Gate material and fencing material – refer to table below.

Part Number / identifier	Description/Type	Fence Post Material	Gate Material
75108113M	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and aluminum gate frame bracket	Aluminium	Aluminium
75057113M	SureClose Center Mount Non-Safety Hinge-Closer with aluminum gate frame bracket	Aluminium	Aluminium
75001113	SureClose Center Mount Hinge only with aluminum gate frame bracket	Aluminium	Aluminium
7511	SureClose Center Mount oval aluminum post bracket	Aluminium	Aluminium
7512	SureClose Center Mount square aluminum post bracket	Aluminium	Aluminium
75108114M	SureClose Center Mount Non-Safety Hinge-Closer with Final Snap and steel gate frame bracket	Steel	Steel
75057114M	SureClose Center Mount Non-Safety Hinge-Closer with steel gate frame bracket	Steel	Steel
75001114	SureClose Center Mount Hinge only with steel gate frame bracket	Steel	Steel
7526	SureClose Center Mount square steel post bracket	Steel	Steel

3. Place of Manufacture:

Place of Manufacture

- Aotearoa New Zealand
 Overseas, see manufacturer section for details

Building Product Information Sheet

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Type: SureClose Center Mount Non-Safety Model Configurations

D&D Technologies®

Part of ASSA ABLOY

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

D&D Technologies Pty Ltd.

Address for Service

Street name and number	Unit 6, 4-6 Aquatic Drive
Suburb	Frenchs Forest
Region/state	New South Wales
Country	Australia
Post code	2086
Website	https://www.ddtech.com/
Email	https://au.ddtech.com/pages/contact-us
Phone	+61 2 9454 7888
Business number	ABN: 94 059 413 430

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	Albany
Region/state	Auckland
Country	New Zealand
Post code	0632
Website	https://www.assaabloy.com/nz/en
Email	nzsales@assaabloy.com
Phone	+64 (0)9 448 9188
Business number	NZBN: 9429036762194

6. Relevant Building Code clauses:

Standard	Clause(s)

Building Product Information Sheet

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Type: SureClose Center Mount Non-Safety Model Configurations

D&D Technologies®

Part of ASSA ABLOY

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

8. Limitations on the use of the building product:

- Specification only covers the Configurations listed above.
- Centerline of the gate and fence must be aligned.
- Suitable for gates weighing up to 120kg with dimensions of 1,800mm H x 1,000mm W – refer to table above for self-closing gate capacity configurations.

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

10. Installation requirements

- Refer to supplied fitting instructions.
- Centerline of the gate and fence must be aligned.

11. Maintenance requirements

NOTE: Gates and Fencing can move due to wind loading, ground movement, and/or other factors. This can cause alignment to shift. Therefore, Site Operator and/or Site Owner must ensure the following inspection and maintenance is carried out on a regular basis or when the gate(s) is prevented from being self-closed and its self-latching device is prevented from self-latching, i.e., the latching pin engaging with the keeper.

- Refer to supplied fitting instructions.
- Observe the following:
 - Check self-closing hinges will self-close the gate from any position and allow the latching pin of the self-latching device to engage with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation. When making closing adjustment, ensure each hinge always have equal closing speed at all times.
 - Always carry out maintenance on both self-latching devices and self-closing hinges for the gate at the same time. The key points are as follow:
 1. Check alignment between the latching pin of the latch and the keeper of the striker to ensure the latching pin is engaged with the keeper when the gate is in the closed position. If a MagnaLatch Series 3 Top Pull device is installed, check the alignment indicators provided on the MagnaLatch Series 3 Top Pull for optimal alignment. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 2. Check paired self-closing hinges for the gate to enable the gate to be closed from any position and allow the latching pin to be engaged with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 3. Check for any obstruction(s) or potential obstruction(s) that prevents the latching pin being engaged with the keeper when the gate is in the closed position.
- Gate alignment and maintenance is essential to maintain self-closing, latching alignment and performance.

Building Product Information Sheet

Generic Model: SureClose Center Mount Hydraulic Hinge-Closers and Hinges

Type: SureClose Center Mount Non-Safety Model Configurations

D&D Technologies®

Part of ASSA ABLOY

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)

0	8	0	8	2	0	2	4
---	---	---	---	---	---	---	---