



LIFTING
SYSTEMS

SQ Series

TOP-STAYS



TOP-STAYS

The new experience of the lift-up door

**Agile and Unconstrained,
Innovation and Ingenuity**



- A rigorous mechanical design, adjustable opening and hovering forces and closing speed
- A superb manufacturing process, gentle and quiet closing
- Stylish design with single and dual-colour cover caps



Quietness



Intelligence



Durability



Eco-Friendliness



The TOP-STAYS SQ series provides powerful features and excellent performance with easy assembly, 4D adjustment, easy opening, variable stop position and a fashionable design for modern kitchens.

DTC
High Quality Hardware

TOP-STAYS

SQ Series Lifting System



Smooth and unconstrained, comfortable and elegant
—An entirely new experience of lift-up



The SQ lift-up support lifts the single door upwards making it suitable for wall cabinets as well as high cabinets.
Places of application: Kitchen, living room, office and bathroom

- ~ Opening angle 107°, making it possible to easily take without any constraint the articles inside the cabinet
- ~ Silent and smooth closing
- ~ Easy to open and stays at any desired position
- ~ Adjustable soft-closing speed
- ~ Adjustable opening and hovering forces
- ~ Snap-fit mechanism makes installation and dismantling very easy
- ~ Stylish design with single and dual-colour cover caps
- ~ Suitable for wall cabinets with cornice
- ~ High stability, even with wide doors

Opening and closing — Gentle and unconstrained



Easy to open

Opening angle 107°

Soft-closing and stays at any desired angle

The outstanding points



Seamless closing

Door position: 3D adjustable

Personal decorative cover

CUSTOMIZED COVER CAPS

Single caps series



white



grey

Dual-colour caps series



white+ light grey



white+ nickel plated

Dual-colour caps series



grey+ dark grey



grey+ nickel plated

TOP-STAYS
SQ Series Lifting System



PRODUCT



DESCRIPTION

- Opening angle:107°
- Cabinet width up to 1200mm
- Cabinet height:250-600mm
- Door thickness:16-28mm
- 3D door adjustments:
 - Height adjustment:±2mm,
 - Depth adjustment:±2mm,
 - Side adjustment:±2mm,
- Easy to open, and stays at any desired position
- Adjustable hovering forces
- Tool free assembly and removal
- Single and dual-colour caps at your disposal

Power factor LF=

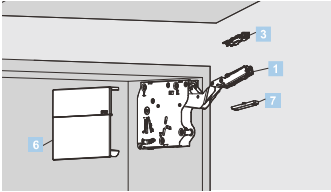
Cabinet height KH(mm) x door weight
incl. double handle weight(kg)

Note: The power factor LF and the door
weight can be increased by 50% when a
third lift mechanism is used.

ORDER INFORMATION

	Lift Mechanism set/ Industrial Package Opening angle:107°			
	Power Factor LF Dynamic	Item No.	Set/ctn	
	480-1250 Light	SQ02BL	10	
	960-2350 Medium	SQ02BM	10	
	1600-3600 Strong	SQ02BH	10	
	Front Fixing-brackets set/Industrial Package For Wooden Door and Wide Alu Frames Nickel Plated(A01)			
	Item No.	Set/ctn		
	SQ00YQ	200		
	Single Caps(left/right) / Industrial Package Plastic			
	Colour	Item No.	Set/ctn	
	White	SQJ503A	20	
	Grey	SQJ503B	20	
	Decoration cover for hinge arm/Industrial Package Nickel Plated(A01)			
	Item No.	Set/ctn		
	S15H	4000		

	Opening angle restriction clip / Industrial Package Plastic			
	100°			
	Dark grey (H11)			
	Opening angle	Item No.	Pcs/ctn	
	100°	SQW100	1000	
	Narrow Alu Frame fixing-brackets set Industrial Package For Narrow Alu Frames Nickel Plated(A01)			
	Item No.	Set/ctn		
	SQ00H	100		
	10 pcs Φ3.5X8.5mm countersunk screws included			
	Dual-colour Caps(left/right) / Industrial Package Plastic			
	Colour	Item No.	Set/ctn	
	White+ light grey	SQJ504A	20	
	Grey+ dark grey	SQJ504B	20	
	White+ nickel plated	SQJ504C	20	
	Dual-colour Caps(left/right) / Industrial Package Plastic			
	Colour	Item No.	Set/ctn	
	White+ light grey	SQJ504A	20	
	Grey+ dark grey	SQJ504B	20	
	White+ nickel plated	SQJ504C	20	



ORDER INFORMATION

T1 Single Caps-Recommended Kit Package

Including:

1x lift mechanism set	1x single caps set	1x front fixing-brackets set	2x Decoration cover for hinge arm	6x wooden screw Ø4X38mm	4x wooden screw Ø4X16mm

Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No.(white single caps)	Kit package item No.(grey single caps)
480-1250	250-400mm	SQ02BL03A	SQ02BL03B
960-2350	250-500mm	SQ02BM03A	SQ02BM03B
1600-3600	250-500mm	SQ02BH03A	SQ02BH03B
2500-4500	350-600mm	SQ02BC03A	SQ02BC03B

T2 Dual-colour Caps-Recommended Kit Package

Including:

1x lift mechanism set	1x dual-colour caps set	1x front fixing-brackets set	2x Decoration cover for hinge arm	6x wooden screw Ø4X38mm	4x wooden screw Ø4X16mm

Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No.(White+ light grey caps)	Kit package item No.(Grey+ dark grey caps)
480-1250	250-400mm	SQ02BL04A	SQ02BL04B
960-2350	250-500mm	SQ02BM04A	SQ02BM04B
1600-3600	250-500mm	SQ02BH04A	SQ02BH04B
2500-4500	350-600mm	SQ02BC04A	SQ02BC04B

Please select the corresponding kit package item No. according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No.(White+ nickel plated caps)	Kit package item No.(Grey+ nickel plated caps)
480-1250	250-400mm	SQ02BL04C	SQ02BL04D
960-2350	250-500mm	SQ02BM04C	SQ02BM04D
1600-3600	250-500mm	SQ02BH04C	SQ02BH04D
2500-4500	350-600mm	SQ02BC04C	SQ02BC04D

In the case of narrow alu frame application, order fixing-brackets SQ00H separately.

Installation Dimensions(mm)

door height
cabinet internal height

SOB max 22

Min240 (cabinet internal depth)

64 37 74

Ø4x38mm

SOB: top panel thickness

Fixing Position

144

141

58

91

14.5

4x wooden screws Ø4X38mm

Door planning and assembly- wooden doors and wide alu frames

SOB

12.5 ± SFA

SFA

17

4 wooden screws for wooden doors (Ø4X16mm)
SFA: door overlay of the side panel
F: gap

Door planning and assembly- narrow alu frames

12.5

14

19-21

3-20

19-21

32

32

32

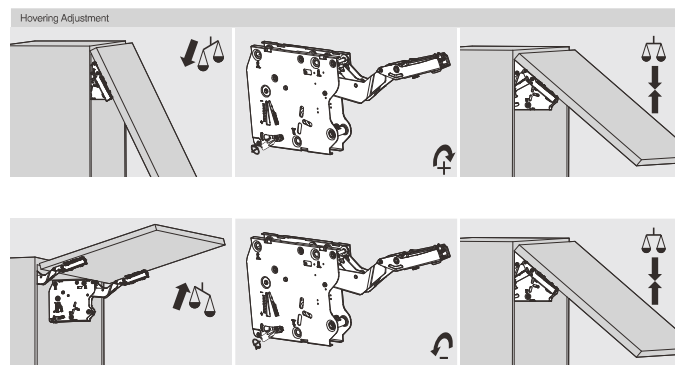
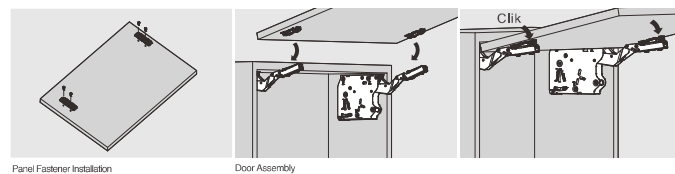
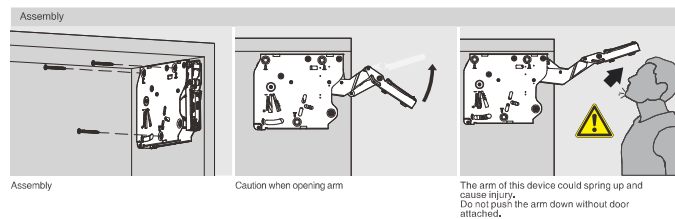
17

14.5

14.5

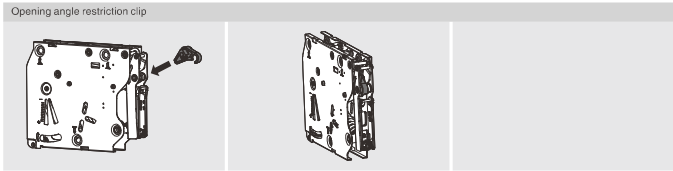
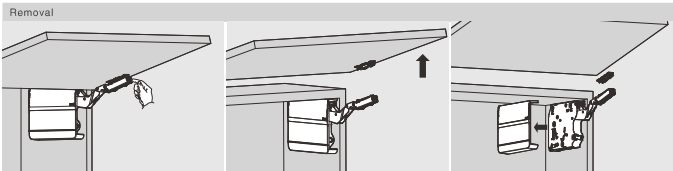
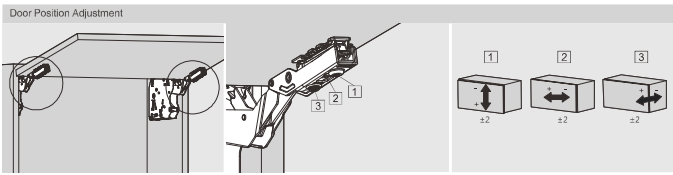
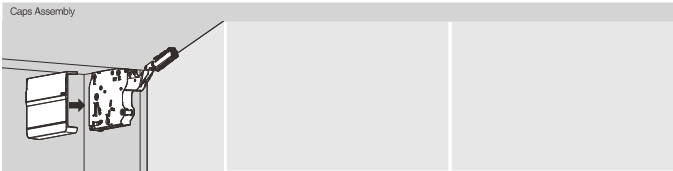
Frame width (mm)	19	20	21	22
SFA (mm)	15-19	16-20	17-21	18-22

10 countersunk screws for narrow alu frames (Ø3.5X8,5mm)
*When changing material thickness, adjust the assembly dimensions accordingly

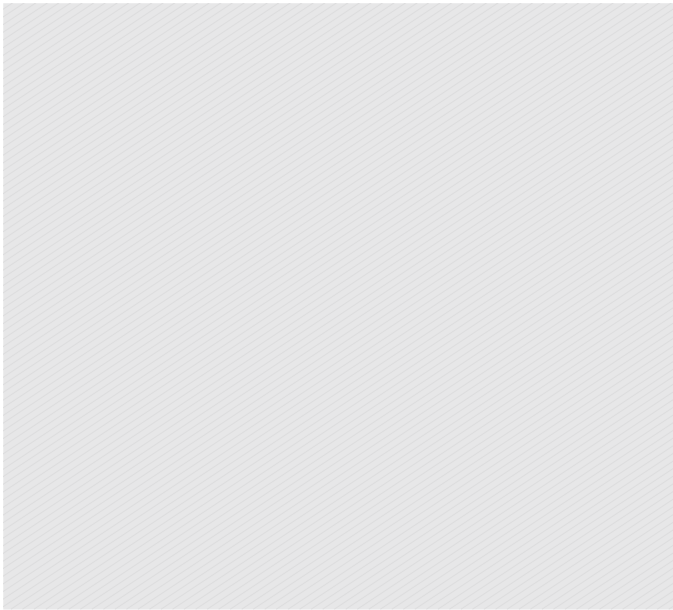


TOP-STAYS

Assembly , Removal and Adjustment(for SQ series Lifting System)



Assembly



TOP-STAYS

SQ Series Push-open Lifting System



PRODUCT



DESCRIPTION

- Opening angle:107°
- Cabinet width up to 1200mm
- Cabinet height:250-600mm
- Door thickness:16-28mm
- 3D door adjustments:
Height adjustment:±2mm,
Depth adjustment:±2mm,
Side adjustment:±2mm,
- Handle-less, stays at any desired position
- Adjustable hovering forces
- Tool free assembly and removal
- Single and dual-colour caps at your disposal

Power factor LF=

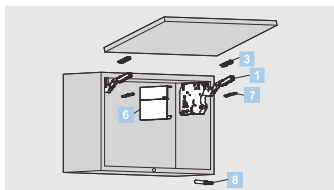
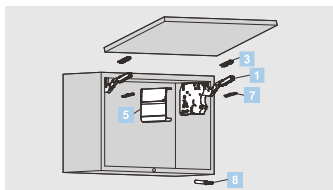
Cabinet height KH(mm) x door weight incl. double handle weight(kg)

Note: The power factor LF and the door weight can be increased by 50% when a third lift mechanism is used.

ORDER INFORMATION

	Lift Mechanism set/ Industrial Package Opening angle:107°		
	Power Factor LF Dynamic	Item No.	Set/ctn
	580-1350 Light	SQ2FBL	10
	1060-2450 Medium	SQ2FBM	10
	1800-4000 Strong	SQ2FBH	10
	Front Fixing-brackets set/Industrial Package For Wooden Door and Wide Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn
		SQ00YQ	200
	Single Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn
	White	SQJ503A	20
	Grey	SQJ503B	20
	Decoration cover for hinge arm/Industrial Package Nickel Plated(A01)		
	Item No.	Set/ctn	
	S15H	4000	

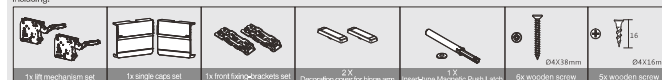
	Opening angle restriction clip / Industrial Package Plastic		
	Opening angle	Item No.	Pcs/ctn
	Narrow Alu Frame fixing-brackets set Industrial Package For Narrow Alu Frames		
	Nickel Plated(A01)	Item No.	Set/ctn
		SQ00H	100
	Dual-colour Caps(left/right) / Industrial Package Plastic		
	Colour	Item No.	Set/ctn
	Insert-type Magnetic Push Latch/Industrial Package		
	Item No.	Pcs/ctn	
	MS-A011A	200	
	Alternative:Push Latch see page 200		



ORDER INFORMATION

T1 Single Caps-Recommended Kit Package

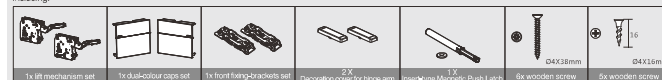
Including:



Please select the corresponding kit package item No. according to power factor and cabinet height			
Power Factor(LF)	Cabinet Height	Kit package item No.(white single caps)	Kit package item No.(grey single caps)
580-1350	250-400mm	SQ2FBL03A	SQ2FBL03B
1060-2450	250-500mm	SQ2FBM03A	SQ2FBM03B
1800-4000	250-500mm	SQ2FBH03A	SQ2FBH03B
2600-5000	350-600mm	SQ2FBC03A	SQ2FBC03B

T2 Dual-colour Caps-Recommended Kit Package

Including:



Please select the corresponding kit package item No. according to power factor and cabinet height			
Power Factor(LF)	Cabinet Height	Kit package item No.(White+ light grey caps)	Kit package item No.(Grey+ dark grey caps)
580-1350	250-400mm	SQ2FBL04A	SQ2FBL04B
1060-2450	250-500mm	SQ2FBM04A	SQ2FBM04B
1800-4000	250-500mm	SQ2FBH04A	SQ2FBH04B
2600-5000	350-600mm	SQ2FBC04A	SQ2FBC04B

Please select the corresponding kit package item No. according to power factor and cabinet height			
Power Factor(LF)	Cabinet Height	Kit package item No.(White+ nickel plated caps)	Kit package item No.(Grey+ nickel plated caps)
580-1350	250-400mm	SQ2FBL04C	SQ2FBL04D
1060-2450	250-500mm	SQ2FBM04C	SQ2FBM04D
1800-4000	250-500mm	SQ2FBH04C	SQ2FBH04D
2600-5000	350-600mm	SQ2FBC04C	SQ2FBC04D

In the case of narrow alu frame application, order fixing-brackets SQ00H separately.

Installation Dimensions (mm)

Peg position and space requirement

Min205
(cabinet internal height)

SCB max 27

74

64 37

Min240 (cabinet internal depth)

30° Slope 6mm

SOB: top panel thickness

Door planning and assembly- wooden doors and wide alu frames

SOB

78

32

12.5 < SFA

SFA

30°

4 wooden screws for wooden doors (Ø4x16mm)

SFA: door overlay of the side panel

F: gap

Fixing Position

144

141

19

81

67

4x wooden screws Ø4x38mm

Door planning and assembly- narrow alu frames

F

SOB

132 132

69.2

32

19-22

SFA

30°

Frame width (mm)	19	20	21	22
SFA (mm)	15~19	16~20	17~21	18~22

10 countersunk screws for narrow alu frames (Ø3.5X8,5mm)

*When changing material thickness, adjust the assembly dimensions accordingly

144

141

19

81

67

30°

4x wooden screws Ø4x38mm

9

32

32

17

6.5

30°

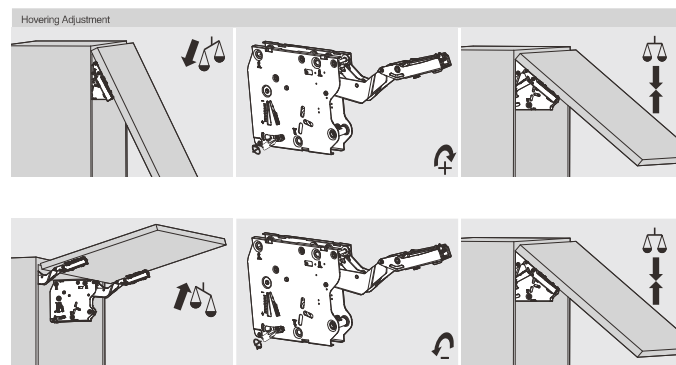
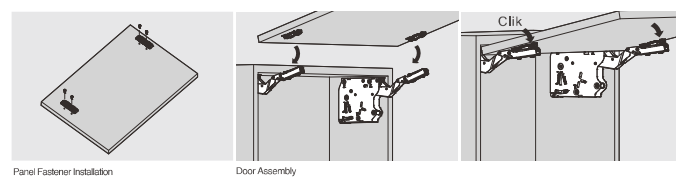
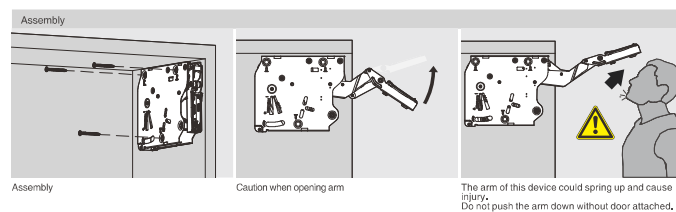
4x wooden screws Ø4x38mm

Frame width(mm)	19	20	21	22
SFA(mm)	15~19	16~20	17~21	18~22

*When changing material thickness, adjust the assembly dimensions accordingly

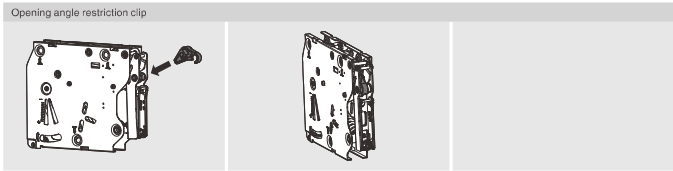
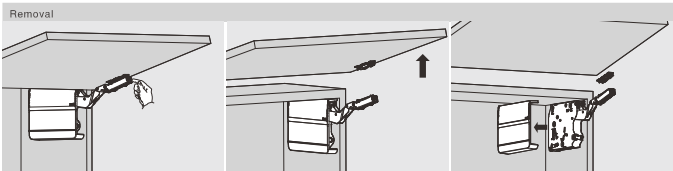
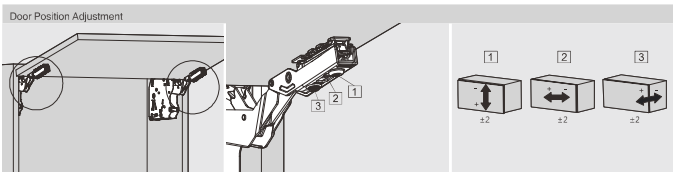
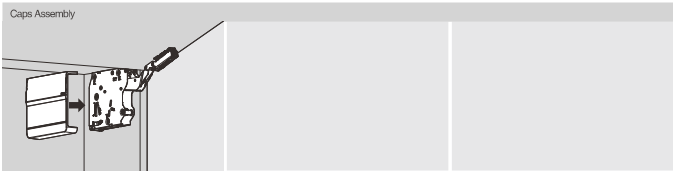
D(mm)	16	19	22	26	28
X(mm)	70	58	49	35	26
Opening angle restriction	Space requirement (mm)				
without	$Y = FH \times 0.29 + 15 + D$				
100°	$Y = FH \times 0.17 + 15 + D$				
75°	$A = FH \times 0.26 + 15 + D$				

MF: Minimum gap 2mm

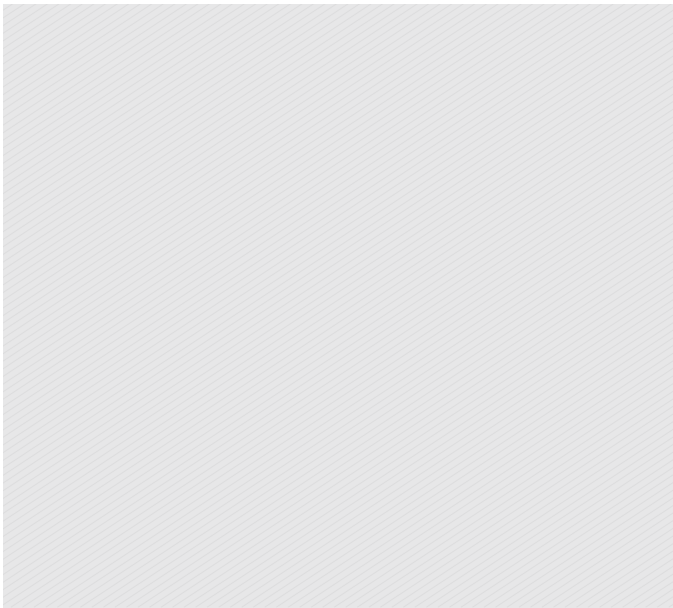


TOP-STAYS

Assembly , Removal and Adjustment(for SQ Series Push-open Lifting System)



Assembly



TOP-STAYS

Assembly (for SQ Series Push-open Lifting System)



PLANNING

Insert-type Magnetic Push Latch Installation Dimensions(mm)

Assembly

Magnetic Push Latch with Inline Fixing Plate(mm)

Assembly

Magnetic Push Latch with Cross Fixing Plate(mm)

Assembly

DTC is always innovating!
For more information, please visit our website www.dtcctc.com



LIFTING
SYSTEMS

SF Series

TOP-STAYS

Global Quality Benchmark

TOP-STAYS

The new experience of the lift-up door

Agile and Unconstrained,
Enjoy Quality Life



- Closing speed adjustable, easy to open and stays at any desired position, silent and smooth closing
- Snap-fit mechanism makes installation and dismantling very easy
- High stability, wide application, provide ideal opening and shutting effects for door panels with various dimensions and made of various materials.



Quietness



Intelligence



Durability



Eco-Friendliness



The TOP-STAYS SF series is suited for wider wall cabinets that have heavier fronts. They open easily and give unrestricted access to the entire contents of the cabinet.

DTC
Dipartimento Tecnico e Commerciale

LIFTING SYSTEMS TOP-STAYS



TOP-STAYS SF is a stable lifting system for a wide range of cabinet applications and provides perfect opening and closing action for fronts of various dimensions or materials,

TOP-STAYS

SF Series Lifting System



PRODUCT

DESCRIPTION



- Opening angle:107° / 100°
- Cabinet width up to 1800mm
- Cabinet height:250-700mm
- Door thickness:16-28mm
- 3D door adjustments:
Height adjustment:±2mm,
Depth adjustment:±2mm,
Side adjustment:±42mm,
- Easy to open, and stays at any desired position
- Adjustable soft-closing speed
- Adjustable opening and hovering forces
- Tool free assembly and removal
- Single and dual-colour caps at your disposal

Power factor LF= Cabinet height KH(mm) x door weight incl. double handle weight(kg)
Note: The power factor LF and the door weight can be increased by 50% when a third lift mechanism is used.

ORDER INFORMATION

1		Lift Mechanism set/ Industrial Package			
		Power Factor LF Dynamic	Opening angle	Item No.	Set/ctn
		480-1500 Extra Light	107°	SF00AD	10
		750-2500 Light	107°	SF00AL	10
		1500-4900 Medium	107°	SF00AM	10
		3200-9000 Strong	100°	SF00AH	10
3		Front Fixing-brackets set/Industrial Package For Wooden Door and Wide Alu Frames			
		Nickel Plated			
		Item No.	SF00VQ		
		Set/ctn	200		
5		Single Caps(left/right) / Industrial Package			
		Colour	Item No.	Set/ctn	
		White	SFJS02A	20	
		Grey	SFJS02B	20	
7		Decoration cover for hinge arm /Industrial Package Nickel Plated(A01)			
		Item No.	S16H		
		Set/ctn	4000		



Opening angle restriction clip / Industrial Package

Plastic

Dark grey(H11)

100°



Opening angle

Item No.

Set/ctn

100°

SFV100

1000

75°

SFV75

1000



Narrow Alu Frame fixing-brackets set

Industrial Package

For Narrow Alu Frames

Nickel Plated(A01)

Item No.

SF00H

Set/ctn

100

16 pcs 1 3,5X8,5mm countersunk screws included



Dual-colour Caps(left/right) / Industrial Package

Colour

Item No.

Set/ctn

White+ light grey

SFJS01A

20

Grey+ dark grey

SFJS01B

20

White+ nickel plated

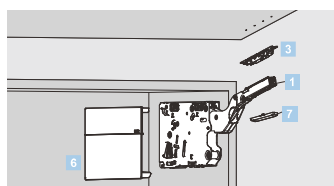
SFJS01C

20

Grey+ nickel plated

SFJS01D

20



ORDER INFORMATION

T1 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD02A
750-2500	250-500mm	SF00AL02B
1500-4900	350-500mm	SF00AM02A
3200-9000	400-700mm	SF00AH02A

T2 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD02B
750-2500	250-500mm	SF00AL02B
1500-4900	350-500mm	SF00AM02B
3200-9000	400-700mm	SF00AH02B

T3 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01A
750-2500	250-500mm	SF00AL01A
1500-4900	350-500mm	SF00AM01A
3200-9000	400-700mm	SF00AH01A

T4 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01B
750-2500	250-500mm	SF00AL01B
1500-4900	350-500mm	SF00AM01B
3200-9000	400-700mm	SF00AH01B

T5 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01C
750-2500	250-500mm	SF00AL01C
1500-4900	350-500mm	SF00AM01C
3200-9000	400-700mm	SF00AH01C

T6 Recommended Kit Package

Including:

Please select the corresponding kit package item No., according to power factor and cabinet height.

Power Factor(LF)	Cabinet Height	Kit package item No.
480-1500	250-500mm	SF00AD01D
750-2500	250-500mm	SF00AL01D
1500-4900	350-500mm	SF00AM01D
3200-9000	400-700mm	SF00AH01D

In the case of narrow alu frame application, order fixing-brackets SF00H separately.

In the case of narrow alu frame application,order fixing-brackets SF00H separately.

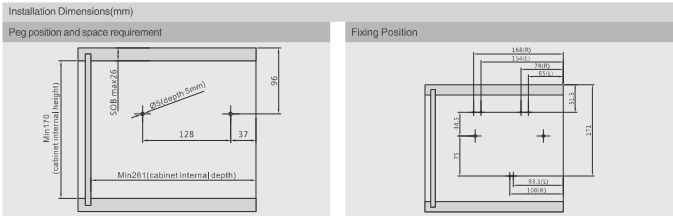
TOP-STAYS

SF Series Lifting System

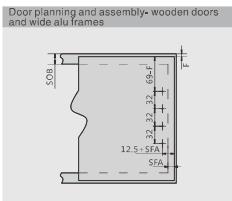
TOP-STAYS

Assembly , Removal and Adjustment(for SF series Lifting System)

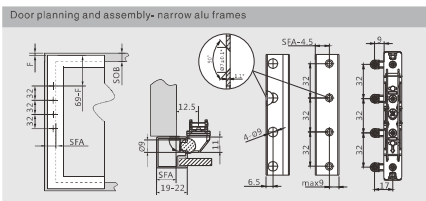
PLANNING



SOB: top panel thickness

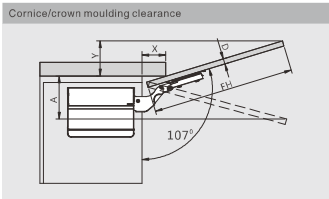


8 wooden screws for wooden doors (Ø4X16mm)
8 countersunk screws for wide alu frames (M4X11mm)
SFA: door overlay on the side panel
F: gap

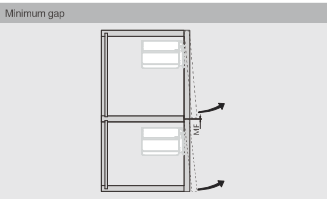


Frame width(mm)	19	20	21	22
SFA(mm)	15~19	16~20	17~21	18~22

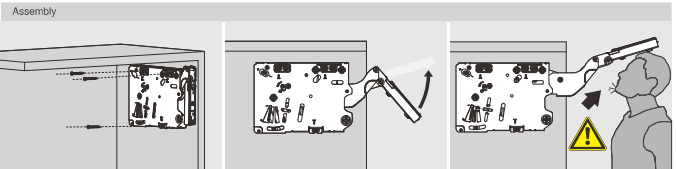
16 countersunk screws for narrow alu frames (Ø3.5X8,5mm)
*When changing material thickness, adjust the assembly dimensions accordingly



D(mm)	16	19	22	26	28
X(mm)	70	58	49	35	26
Opening angle restriction	Space requirement (mm)				
without	$Y = FH \times 0,29 + 15 + D$				
100°	$Y = FH \times 0,17 + 15 + D$				
75°	$A = FH \times 0,26 + 15 + D$				



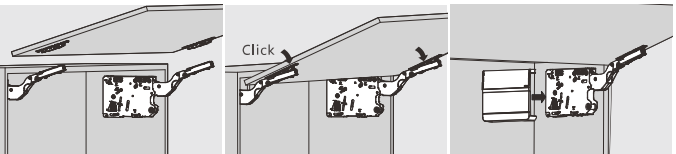
MF: Minimum gap 2mm



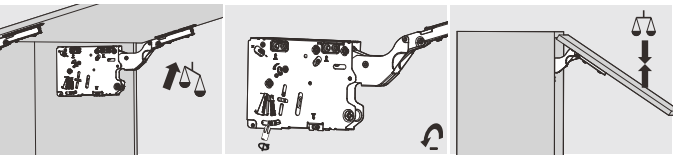
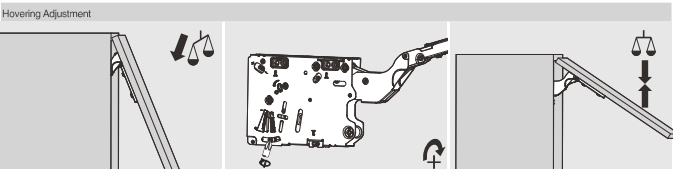
Assembly

Caution when opening arm

The arm of this device could spring up and cause injury.
Do not push the arm down without door attached.

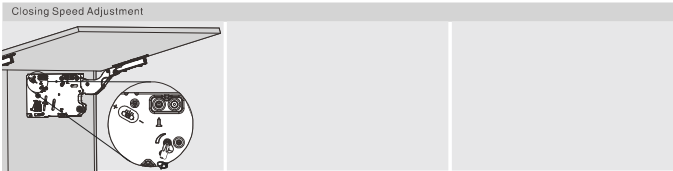


Door Assembly

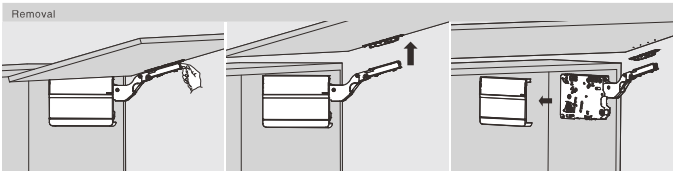
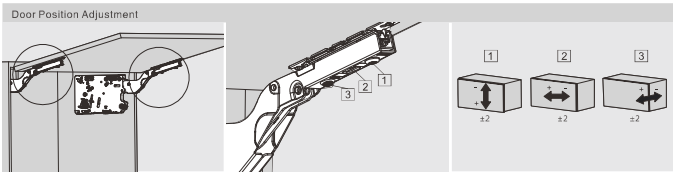


TOP-STAYS

Assembly , Removal and Adjustment(for SF series Lifting System)

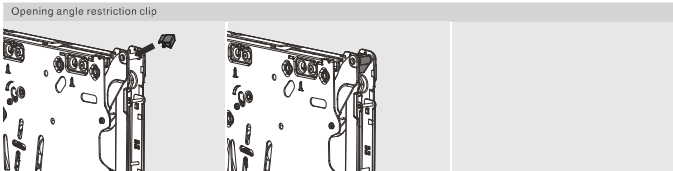


“+” increasing soft-closing time (turn adjustment screw counter-clockwise)
“-” reducing soft-closing time (turn adjustment screw clockwise)

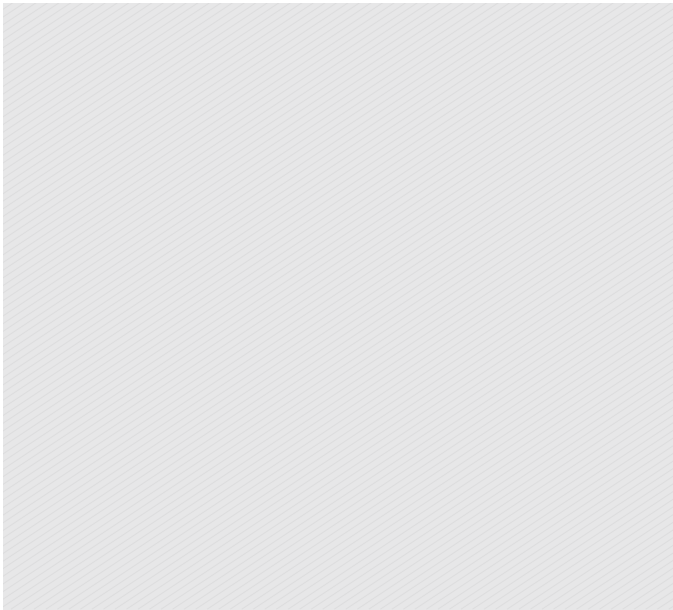


The arm of this device could spring up and cause injury!

Do not push the arm down without door attached



Assembly





LIFTING
SYSTEMS

ST Series

TOP-STAYS



TOP-STAYS

The new experience of the lift-up door

**Agile and Unconstrained,
Impressive and Elegant**



- Easy to open and stays at any desired position, silent and smooth closing, full access to the inside of the cabinet
- Side, height and depth adjustments - 3D front adjustment of both fronts
- Tool free assembly and removal, easy and fast installation



Quietness



Intelligence



Durability



Eco-Friendliness

TOP-STAYS

ST Series Bi-fold Lifting System

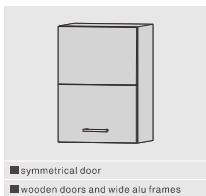


PRODUCT



DESCRIPTION

- Cabinet width up to 1800mm
- Cabinet height: 480 - 1040mm
- Door thickness: 16 - 26mm
- 3D front adjustment of both fronts
- Easy to open, and stays at any desired position
- Adjustable soft-closing speed
- Adjustable opening and hovering forces
- Tool free assembly and removal



ORDER INFORMATION

1		Lift Mechanism set/ Industrial Package 6 Set/ctn
Cabinet height KH(mm)	Door weight incl handle weight (kg)	Item No.
480-529	5.0-10.0(2.5-5.0 to use 1 lift) 9.6-16.0	ST01AL ST01AM
530-589	4.5-8.9(2.3-4.5 to use 1 lift) 8.7-14.4	ST02AL ST02AM
590-649	4.1-8.1 (2.0-4.1 to use 1 lift) 7.8-13.0	ST03AL ST03AM
650-729	3.7-7.2 (1.8-3.7 to use 1 lift) 7.0-11.6 11.5-19.8	ST04AL ST04AM ST04AH
730-799	3.2-6.5 6.3-10.6	ST05AL ST05AM
800-879	10.5-18.1(5.7-27.1 to use 3 lift) 5.8-9.6	ST05AH ST06AM
880-959	9.5-16.5(4.2-24.7 to use 3 lift) 5.2-8.8	ST06AH ST07AM
960-1040	8.7-15.1(3.0-22.6 to use 3 lift) 4.8-8.1	ST07AH ST08AM
	8.0-13.9(2.0-20.8 to use 3 lift)	ST08AH
6		Centre hinge /Industrial Package Nickel Plated(A01)
	Item No.	ST00BG
	Set/ctn	100
7		Mounting plate for centre hinge/Industrial Package Nickel Plated(A01)
	Item No.	T001Q
	Set/ctn	100
8		Front Mounting plate /Industrial Package Nickel Plated(A01)
	Item No.	ST00YQ
	Set/ctn	200

2		120° hinge/Industrial Package Nickel Plated(A01)	
	Item No.	STA685	
	Set/ctn	100	
3		Mounting plate for 120° hinge/Industrial Package Nickel Plated(A01)	
	Item No.	SQ00YQ	
	Set/ctn	200	
4		Decoration cover for hinge arm /Industrial Package Nickel Plated(A01)	
	Item No.	S15H	
	Set/ctn	1000	
5		Cover cap set/Industrial Package plastic	
	Colour	Item No.	Set/ctn
	White	STJ502A	20
	Grey	STJ502B	20
9		Opening angle restriction clip/Industrial Package Plastic Dark grey (H11)	
	Opening angle	Item No.	Pcs/ctn
	100°	STW100	1000
	83°	STW83	1000

ORDER INFORMATION

T1 Recommended Kit Package

Including:



1 X Lift mechanism set



1 X Cover cap set



1 X 120° hinge set



1 X Mounting plate set for 120° hinge



1 X Decoration cover set for hinge arm



1 X Centre hinge set



1X Mounting plate set for centre hinge



1 X Front mounting plate set




20X16mm wooden screws
 10X38mm wooden screws

Please select the corresponding kit package item No. according to cabinet height, door weight and handle weight

Cabinet height KH(mm)	Door weight incl handle weight (kg)	Kit package item No. (White cap)	Kit package item No. (Gray cap)
480-529	5.0-10.0	ST01AL02A	ST01AL02B
	9.6-16.0	ST01AM02A	ST01AM02B
530-589	4.5-8.9	ST02AL02A	ST02AL02B
	8.7-14.4	ST02AM02A	ST02AM02B
590-649	4.1-8.1	ST03AL02A	ST03AL02B
	7.8-13.0	ST03AM02A	ST03AM02B
650-729	3.7-7.2	ST04AL02A	ST04AL02B
	7.0-11.6	ST04AM02A	ST04AM02B
	11.5-19.8	ST04AH02A	ST04AH02B
730-799	3.2-6.5	ST05AL02A	ST05AL02B
	6.3-10.6	ST05AM02A	ST05AM02B
	10.5-18.1	ST05AH02A	ST05AH02B
800-879	5.8-9.6	ST06AM02A	ST06AM02B
	9.5-16.5	ST06AH02A	ST06AH02B
880-959	5.2-8.8	ST07AM02A	ST07AM02B
	8.7-15.1	ST07AH02A	ST07AH02B
960-1040	4.8-8.1	ST08AM02A	ST08AM02B
	8.0-13.9	ST08AH02A	ST08AH02B

[illegible]

Installation Dimensions(mm)

Diagram showing the side view of a cabinet door with dimensions: 75mm (top offset), 37mm (mounting hole offset), 10mm (gap), min 1mm (clearance), 32mm (bottom offset), and Xmm (total height).

Centre hinge

Diagram showing the top and front views of a centre hinge. Top view dimensions: 89mm (width), 24mm (depth). Front view dimensions: 30(-4)mm (offset), 24mm (height), 12mm (gap), 89mm (width).

120° Hinge

Diagram showing the top and front views of a 120° hinge. Top view dimensions: 45mm (width), 10mm (gap), 32mm (offset), 20mm (gap), 8(-1.5)mm (depth). Front view dimensions: 78mm (height), 10mm (gap).

Number of hinges needed for each door:

Use 3 hinge for cabinet width over 1200mm and door weight over 12kg.

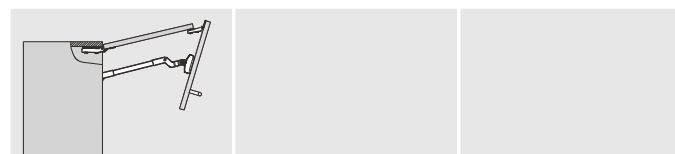
Use 4 hinge for cabinet width over 1800mm and door weight over 20kg.

Drilling distance K(mm)	3	4	5	6
Door overlay D(mm)	15	16	17	18



The arm of this device could spring up and cause injury.
Do not push the arm down without door attached.

Door Assembly

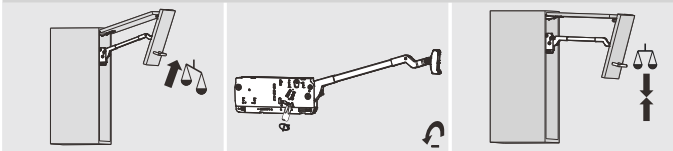


TOP-STAYS

Assembly , Removal and Adjustment(for ST series Bi-fold Lifting System)

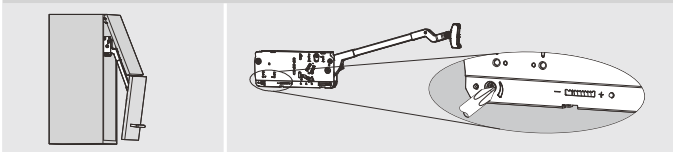


Hovering Adjustment



Adjustment

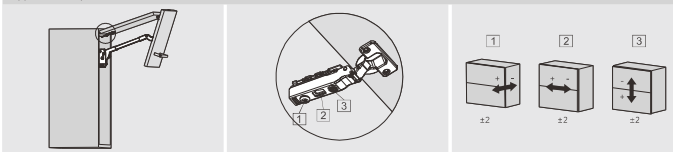
Closing Speed Adjustment



"+" Increasing soft-closing time (turn adjustment screw counter-clockwise)

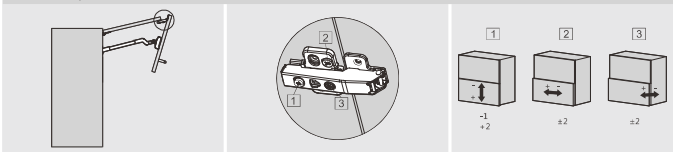
"-" Reducing soft-closing time (turn adjustment screw clockwise)

Upper front adjustment



120° hinge

Lower front adjustment



Center hinge

Door Assembly



"+" Loosen the screw properly when the automatic positioning is too tight to move during door adjustment

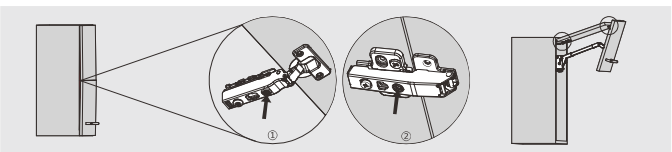
"-" Tighten the screw properly when the automatic positioning is too loose and doesn't work during door adjustment

Adjust positions of the doors



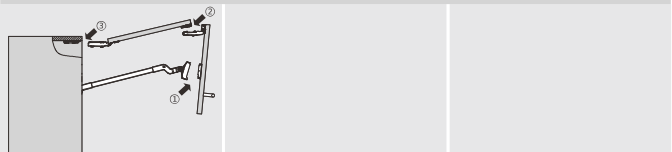
Adjust positions of the doors

Lock screw



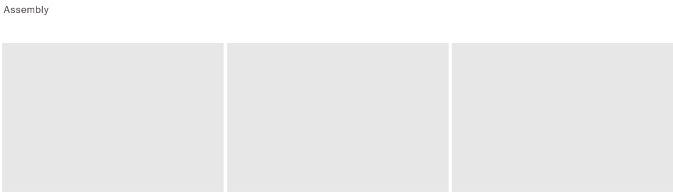
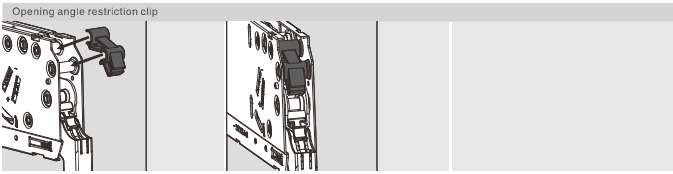
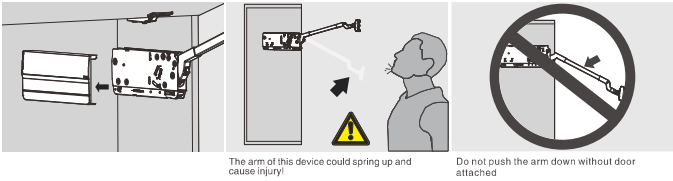
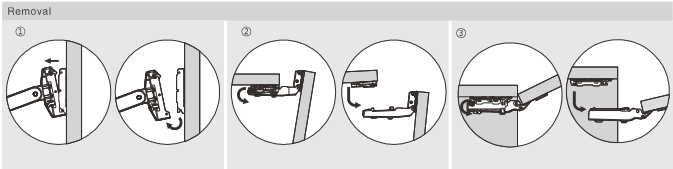
If there is small gap between the doors and the cabinet side, fine-tune the positions of the doors with the adjustment screws

Removal



TOP-STAYS

Assembly , Removal and Adjustment(for ST series Bi-fold Lifting System)



DTC is always innovating!
For more information, please visit our website www.dtcctc.com



LIFTING
SYSTEMS

SE Series

TOP-STAYS

Global Quality Benchmark

TOP-STAYS

The new experience of the lift-up door

Agile and Unconstrained, Easy and Convenient



- Easy to open and stays at any desired position, silent and smooth closing
- Easy installation, simple, effective and precise adjustment



Quietness



Intelligence



Durability



Eco-Friendliness



TOP-STAYS SE is a program of compact lifting hardware that provides soft-close, push-open, and dynamic features that lifts doors smoothly and holds them at any desired position. They are an ideal solution for smaller wall cabinets.

DTC
HARDWARE

LIFTING SYSTEMS TOP-STAYS



528 www.udtotic.com



The sleek and compact design offers optional cover caps in nickel, white, black or gray to blend with or complement cabinet interiors for a pleasing visual aesthetic.



TOP-STAYS

529

TOP-STAYS

SE Series Lifting System



PRODUCT



DESCRIPTION

- Opening angle: 105°
- Cabinet width up to 1800mm
- Cabinet height: 240-600mm
- Cabinet minimum depth: 125mm
- Door thickness: 16-26mm
- Easy to open and stays at any desired position
- Silent and smooth closing
- Side, height and depth adjustment
- Tool free assembly and removal

Power factor LF=

Cabinet height KH(mm) x door weight
incl. double handle weight(kg)

Note: A practical trial is suggested when the
power factor of lift mechanism is close to the
critical value,

ORDER INFORMATION

	Lift Mechanism set/ Industrial Package Nickel Plated(A01)			
	Power Factor LF	Dynamic	Item No.	Set/ctn
	200-1000	Light	SE00AL	20
	500-1500	Medium	SE00AM	20
	960-2350	Strong	SE00AH	20
The power factor can be double when a second lift mechanism is used,				
	Front Fixing-brackets/ Industrial Package for wooden door and wide Alu frame door Nickel Plated(A01)			
	Item No.		SE00YQ	200
Pcs/ctn				
	Front Fixing-brackets/Industrial Package for wooden door, wide Alu frame door and narrow frame door Nickel Plated(A01)			
	Item No.		SE00CQ	200
Pcs/ctn				
	Front Fixing-brackets set/Industrial Package for narrow alu frame door Nickel Plated(A01)			
	Item No.		SE00H	200
Set/ctn				
4 pcs Ø3.5X8,5mm countersunk screws included				
	Mounting plate/Industrial Package Nickel Plated(A01)			
	Item No.		SE00TQ	200
Pcs/ctn				
	Caps/Industrial Package White(H29) ! Grey(H30) ! Nickel Plated(A01)			
		Item No.	Set/ctn	
	Left	SEJ502L	200	
	Right	SEJ502R	200	

	Soft-close hinge for wooden door and wide Alu frame door/ Industrial Package Nickel Plated(A01)			
	Item No.		C80A676F	200
Pcs/ctn				
3 Hinges are required when the cabinet width is over 900mm or the power factor is over 1800 4 Hinges are required when the cabinet width is over 1200mm or the power factor is over 2700				
Alternative PIVOT-STAR speed-adjustable hinge C81A676F. Door thickness: 16-26mm.				
	Soft-close hinge for narrow Alu frame door / Industrial Package Nickel Plated(A01)			
	Item No.		C80A678F	200
Pcs/ctn				
3 Hinges are required when the cabinet width is over 900mm or the power factor is over 1800 4 Hinges are required when the cabinet width is over 1200mm or the power factor is over 2700 Range of width of aluminium frame(V): 19-42mm.				
	Adjustable mounting plate/Industrial Package Nickel Plated(A01)			
	Item No.		89T00TQ	200
Pcs/ctn				
Use mounting plate 81T00TQ for PIVOT-STAR speed adjustable hinge C81A676F				

ORDER INFORMATION

T1 Recommended Kit Package

Including:

1 X Lift Mechanism	1 X Front Fixing-bracket	1 X Mounting plate	4 X wooden screws

Please select the corresponding kit package item No.
according to power factor and cabinet height

Power Factor(LF)	Cabinet Height	Kit package item No.
200-1000	240-600mm	SE00AL01
500-1500		SE00AM01
960-2350		SE00AH01

Spring holder colours represent different powers
Light grey
Dark grey
White



! Front fixing bracket SE00H should be ordered when the front is narrow Alu frame door.

TOP-STAYS

SE Series Push-open Lifting System



PRODUCT



DESCRIPTION

- Opening angle: 105°
- Cabinet width up to 1800mm
- Cabinet height: 240-600mm
- Cabinet minimum depth: 125mm
- Door thickness: 16-26mm
- Handle-less, stays at any desired position
- Silent and smooth closing
- Side, height and depth adjustment
- Tool free assembly and removal

Power factor LF=

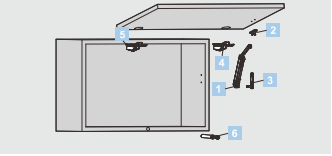
Cabinet height KH(mm) x door weight
incl. double handle weight(kg)

Note: A practical trial is suggested when the
power factor of lift mechanism is close to the
critical value,

ORDER INFORMATION

	Lift Mechanism set/ Industrial Package Nickel Plated(A01)			
	Power Factor LF	Dynamic	Item No.	Set/ctn
	200-1000	Light	SE2FAL	20
	500-1400	Medium	SE2FAM	20
	Front Fixing-brackets/ Industrial Package for wooden door and wide Alu frame door Nickel Plated(A01)			
	Item No.		SE00YQ	200
	Pcs/ctn			
	The power factor can be double when a second lift mechanism is used,			
	Front Fixing-brackets/Industrial Package for wooden door, wide Alu frame door and narrow frame door Nickel Plated(A01)			
	Item No.		SE00CQ	200
	Pcs/ctn			
	4 pcs Φ3,5X8,5mm countersunk screws included			
	Mounting plate/Industrial Package Nickel Plated(A01)			
	Item No.		SE00TQ	200
	Pcs/ctn			
	Caps/Industrial Package White(H29) ! Grey(H30) ! Nickel Plated(A01)			
		Item No.	Set/ctn	
	Left	SEJS02L	200	
	Right	SEJS02R	200	

	Unsprung hinge for wooden door and wide Alu frame door/ Industrial Package Nickel Plated(A01)			
	Item No.		A80A675	200
	Pcs/ctn			
	3 hinges are required when the cabinet width is over 900mm or the power factor is over 1800 4 hinges are required when the cabinet width is over 1200mm or the power factor is over 2700			
	Unsprung hinge for narrow Alu frame door / Industrial Package Nickel Plated(A01)			
	Item No.		A80A678	200
	Pcs/ctn			
	3 hinges are required when the cabinet width is over 900mm or the power factor is over 1800 4 hinges are required when the cabinet width is over 1200mm or the power factor is over 2700 Range of width of aluminium frame(V):19-22mm,			
	Mounting plate/Industrial Package Nickel Plated(A01)			
	Item No.		89H09AQ	200
	Pcs/ctn			
	Insert-type Magnetic Push Latch/Industrial Package			
	Item No.		MS-A011A	200
	Pcs/ctn			
	Alternative:Push Latch see page 200			



ORDER INFORMATION

Recommended Kit Package

Including:

				
1 X Lift Mechanism	1 X Front Fixing-bracket	1 X Mounting plate	6 X wooden screws Φ3X16mm	1 X Drilling Magnetic Push Latch

Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
200-1000	240-600mm	SE2FAL01
500-1400		SE2FAM01
960-2050		SE2FAH01

Spring holder colours represent different powers	
Light grey	
Dark grey	
White	

T2 Recommended Kit Package

Including:

						
1 X Lift Mechanism	1 X Front Fixing-bracket	1 X Mounting plate	13 X wooden screws Φ3X16mm	1 X Drilling Magnetic Push Latch	2 X Hinge	2 X Mounting plate

Please select the corresponding kit package item No. according to power factor and cabinet height		
Power Factor(LF)	Cabinet Height	Kit package item No.
200-1000	240-600mm	SE2FAL01A
500-1400		SE2FAM01A
960-2050		SE2FAH01A

Spring holder colours represent different powers	
Light grey	
Dark grey	
White	

! Front fixing bracket SE00H should be ordered when the front is narrow Alu frame door.

TOP-STAYS

SE Series Push-open Lifting System

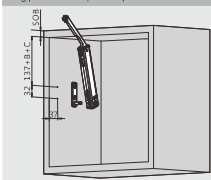
TOP-STAYS

Assembly , Removal and Adjustment(for SE Series Lifting System)

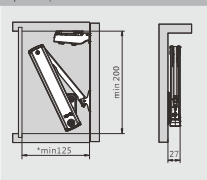
PLANNING

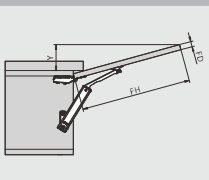
Installation Dimensions(mm)

Peg position and space requirement



Space requirement





SOB Top panel thickness

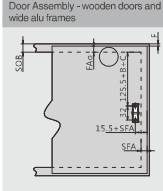
B Hinge mounting plate height

B	0mm	2mm	4mm	9mm	18mm
H=0					
H=2					
H=4					
H=9					
H=18					

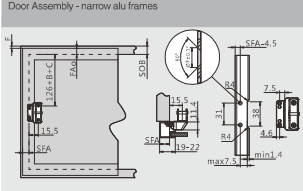
C Hinge overlay

	0mm	9,5mm
Full overlay		
Inset		

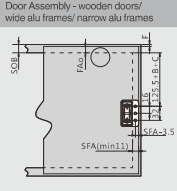
Door Assembly - wooden doors and wide alu frames



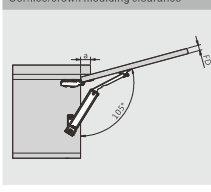
Door Assembly - narrow alu frames



Door Assembly - wooden doors/ wide alu frames/ narrow alu frames



Cornice/crown moulding clearance



Minimum gap

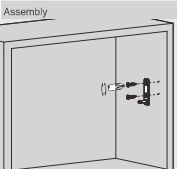
Mfu=1.5mm

FD(mm)	16	17	18	19	20	21	22	23	24	25	26
K=3 Mfo:	Q7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
K=4 Mfo:	Q7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
K=5 Mfo:	Q8	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
K=6 Mfo:	Q8	0.8	1.1	1.3	1.6	2.0	2.4	2.8	3.2	3.8	4.4

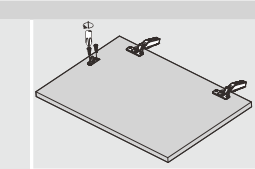
F: Gap FAo: Top panel overlay SFA : Side panel overlay= side thickness – gap FD : Door thickness

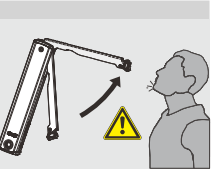
MFu: Bottom Min. gap Mfo: Top Min. gap

Assembly

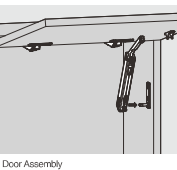


Door Assembly

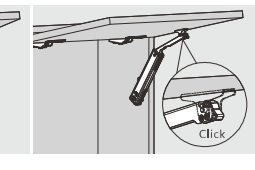




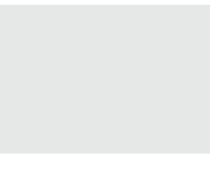
Door Assembly



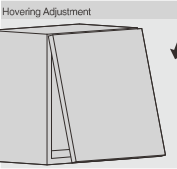
Door Assembly



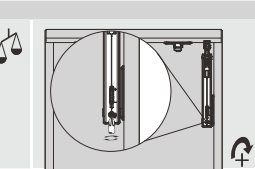
Door Assembly



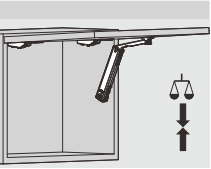
Hovering Adjustment



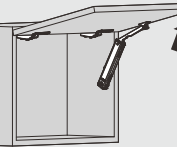
Hovering Adjustment



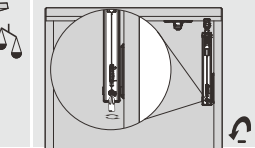
Hovering Adjustment



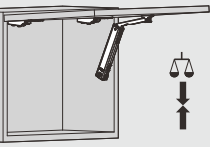
Hovering Adjustment



Hovering Adjustment



Hovering Adjustment



TOP-STAYS

Assembly , Removal and Adjustment (for SE Series Lifting System)



Adjustment

Removal

The arm of this device could spring up and cause injury!

TOP-STAYS

Assembly (for SE Series Push-open Lifting System)

PLANNING

Insert-type Magnetic Push Latch Installation Dimensions(mm)

Assembly

Magnetic Push Latch with Inline Fixing Plate(mm)

Assembly

Magnetic Push Latch with Cross Fixing Plate(mm)

Assembly



LIFTING
SYSTEMS

DQ Series

TOP-STAYS

Global Quality Benchmark

TOP-STAYS

The new experience of the door open

**Agile and Unconstrained,
Light and Comfortable**

- Easy to open with damping device, comfortable operation and silent movement
- Adjustable door opening speed and angle, provides ideal opening and closing effects for each door panel.
- Different ways of installation, single or double, horizontal or vertical, are optional according to the actual situation.



Quietness



Intelligence



Durability



Eco-Friendliness

TOP-STAYS

DQ Series Lifting System

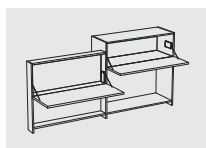


PRODUCT



DESCRIPTION

- Cabinet height: 200-480mm
- Door weight up to 14kg
- Horizontal & vertical mounting
- Adjustable opening speed and angle
- Soft-opening
- Caps at your disposal



ORDER INFORMATION

T1 Recommended Kit Package

Including:

1x lift mechanism set	1x front fixing-brackets set	1x white caps set	2 X Euro screw (D6, 4x14mm) 4 X Euro screw (D6, 4x14.5mm)

Please select the corresponding kit package item No. according to the door weight tables

Power Factor(LF)	Kit package item No.	Set/ctn
Light	DQ00AL02A	20
Medium	DQ00AM02A	20
Strong	DQ00AH02A	20

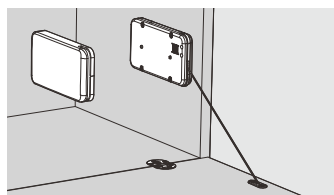
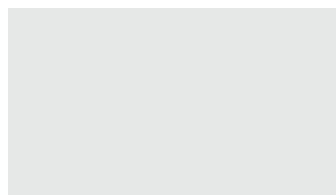
T2 Recommended Kit Package

Including:

1x lift mechanism set	1x front fixing-brackets set	1x grey caps set	2 X Euro screw (D6, 4x14mm) 4 X Euro screw (D6, 4x14.5mm)

Please select the corresponding kit package item No. according to the door weight tables

Power Factor(LF)	Kit package item No.	Set/ctn
Light	DQ00AL02B	20
Medium	DQ00AM02B	20
Strong	DQ00AH02B	20



DOOR WEIGHT TABLES (KG)

HP(mm)	Light		Medium		Strong	
	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2
200-230	3,5-4,8	-	4,3-5,8	-	4,9-6,9	-
230-270	3,0-4	6,8-8,5	3,7-5,6	8,8-9,3	4,4-6,2	-
270-330	3,1-5,9	5,4-7,4	3,8-5	7,4-9	4-5,2	8,6-11
330-380	2,8-5,9	5-7,2	3,3-4,9	7,2-8,8	3,7-5,1	8-11,2
380-430	2,6-6,7	4,5-7	2,9-3,9	6,1-8,7	3,3-4,5	7,5-11
430-460	2,2-3	4,3-6,3	2,3-3,7	5,3-8,3	3,3-4,5	7,5-10,5
460-480	2,2-3	4,1-6,1	2,3-3,7	5,5-7,5	3,4-4,1	7-9,5

HP(mm)	Light		Medium		Strong	
	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2
200-230	4-4,8	-	4,2-6,2	-	4,8-5,8	-
230-270	3-4,4	6-8,4	3,6-5,2	6,8-8,6	4,4-6	-
270-330	2,2-3,3	5,5-7,8	3-4,6	6,2-8,3	3,3-5,2	7-10,2
330-380	2,7-3,7	5-7	3,2-4,3	6,5-8,5	3,7-4,9	6,3-10,1
380-430	2,8-3,6	4,5-6,1	3,1-3,9	5,7-7,3	3,7-4,5	6,3-8
430-460	2,7-3,1	4,2-5,1	2,7-3,9	5,3-6,3	3,7-4,7	7,1-9,5
460-480	2,2-2,9	4,1-5,7	2,8-3,8	5,2-7,7	3,2-4,1	6,5-9,9

HP(mm)	Light		Medium		Strong	
	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2
200-230	4-4,5	-	6-8,5	-	7-9,3	-
230-270	3,4-4,5	6,8-9,2	4-5,6	9,2-12	6,8-8,6	-
270-330	3-4,9	6,1-7,7	3,5-5,1	7,7-10,1	5,4-7,1	10,5-13,7
330-380	2,2-3,6	5,1-6,9	3,2-4,3	6,5-8,3	4,2-5,1	9,1-11,2
380-430	2,3-3,2	4,6-6,6	3-4	6,5-8,2	4,4-5,4	8,4-10,2
430-460	2,3-3	4,2-6,2	2,8-3,6	5,4-7,6	4,2-5,2	7,4-9,4
460-480	2,3-3	4,2-6,2	2,8-3,6	5,4-7,6	4-5,2	7,2-9,4

HP(mm)	Light		Medium		Strong	
	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2	lift mechanism set x1	lift mechanism set x2
200-230	4,1-5,9	-	5,2-7,3	-	8-11	-
230-270	3,2-4,6	6,8-9,6	4,2-6	9,8-12,8	6,8-8,6	-
270-330	3,2-4,5	6,3-8,1	3,8-5,1	7,8-11,1	5,7-7,3	11,3-14,5
330-380	2,5-3,4	5-6,5	3,3-4,5	7,3-8,5	4,2-5,3	9,7-11,7
380-430	2,5-3,4	5-6,2	3,3-4,2	6,2-8,2	4,2-5,4	8,8-10,6
430-460	2,3-3	4,6-6,2	3-3,8	6,2-7,8	4-5,2	7,8-10,2
460-480	2,4-3,2	4,6-6	2,8-4	5,8-7,8	3,8-5	7,6-10

⚠ The weight and the position of the handle may influence the performance of the mechanism.

Installation Dimensions(mm)

The figure contains two technical drawings illustrating the installation dimensions for side panels.

- Screw position for side panel:** A top-down view of a rectangular panel with a central circular hole labeled $\Phi 5 \times 12$. Dimension lines indicate distances from the edges: Ro (top), Yo (left), Hp (right), and Z (bottom). The bottom edge has specific dimensions: 86, 65, and 196.
- Screw position for side panel:** A side view of the same panel, showing the depth dimension B. It also indicates the distance from the top edge to the center of the hole as 185, and from the bottom edge as 54. The hole is again labeled $\Phi 5 \times 12$.

H _p	Y _o	Z	R _o
200-330	102	137+B	194
330-430	126	161+B	218
430-480	136	171+B	228

Horizontal Installation

H _p	Z
200-480	161+B

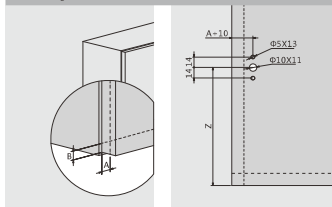
Vertical Installation

H _p	B
200-480	161+B

Hp	Y ₀	Z	R ₀
200-330	102	137+B	194
330-430	126	161+B	218
430-480	136	174+B	228

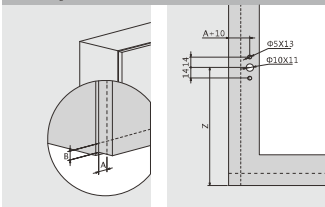
Hp	Z
200-480	161+B

Door drilling dimension



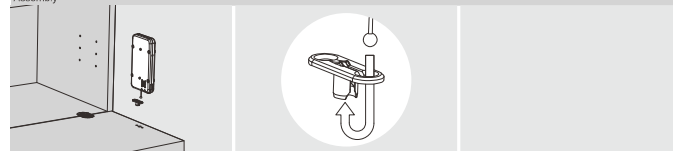
Horizontal Installation

Door drilling dimension



Vertical Installation

Assembly



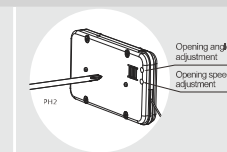
Door Assembly

Front fixing bracket assembly

Fix screws

Remove the cover

Adjustment



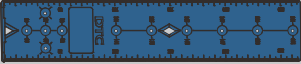
Please do the adjustment by using PH2 screw-driver

ACCESSORY

Marking Template (for SQ / SF Lifting System)



ORDER INFORMATION



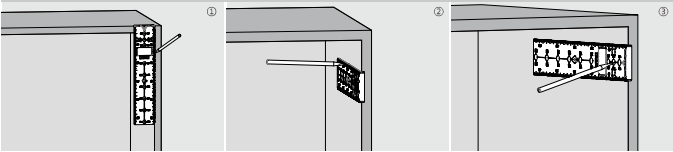
Universal Marking Template

Blue(H23)

Item No. **DT02**

Pcs/ctn 100

Marking Position

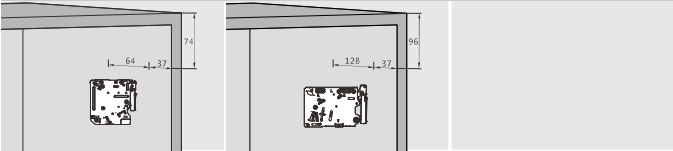


①② Mark the vertical position of mounting hole

③ Mark the longitudinal position of mounting hole

Application

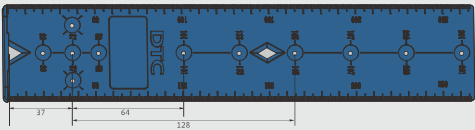
Lifting System:SQ series / SF series



SQ series

SF series

Peg Positions for Lifting System



DTC is always innovating!
For more information, please visit our website www.dtcctc.com