TOP-STAYS

SE Series Push-open Lifting System

DTC
Global Quality Benchmark

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

1 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
960-2050	Strong	SE2FAH	20

The power factor can be double when a second lift mechanism is used.

2 Front Fixing-brackets/ Industrial Package
for wooden door and wide Alu frame door
Nickel Plated(A01)

Item No.	SE00YQ
Pcs/ctn	200

2 Front Fixing-brackets/Industrial Package
for wooden door, wide Alu frame door and narrow frame door
Nickel Plated(A01)

Item No.	SE00CQ
Pcs/ctn	200

2 Front Fixing-brackets set/Industrial Package
for narrow alu frame door
Nickel Plated(A01)

Item No.	SE00H
Set/ctn	200

4 pcs Φ3.5X8.5mm countersunk screws included

3 Mounting plate/Industrial Package
Nickel Plated(A01)

Item No.	SE00TQ
Pcs/ctn	200

Caps/Industrial Package
White(H29) ! Grey(H30) ! Nickel Plated(A01)

	Item No.	Set/ctn
Left	SEJS02L	200
Right	SEJS02R	200

4 Unsprung hinge for wooden door and wide Alu frame door/ Industrial Package
Nickel Plated(A01)

Item No.	A80A675
Pcs/ctn	200

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

Door thickness:16-26mm.

4 Unsprung hinge for narrow Alu frame door / Industrial Package
Nickel Plated(A01)

Item No.	A80A678
Pcs/ctn	200

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.

5 Mounting plate/Industrial Package
Nickel Plated(A01)

Item No.	89H00AQ
Pcs/ctn	200

6 Insert-type Magnetic Push Latch/Industrial Package

Item No.	MS-A011A
Pcs/ctn	200

Alternative:Push Latch see page 200

ORDER INFORMATION

T1 Recommended Kit Package

Including:

1 X Lift Mechanism	1 X Front Fixing-bracket	1 X Mounting plate	5 X wooden screws (Ø4X16mm)	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 (Ø4X16mm)	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.

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SE Series Push-open Lifting System

PLANNING

Installation Dimensions(mm)

Peg position and space requirement

SOB Top panel thickness

B Hinge mounting plate height

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

C Hinge overlay

0mm Full overlay	9.5mm Half overlay
18mm Inset	

Space requirement

* Minimum 200mm for suspension bracket application

Y=(FH-a)x0.3

FH=Front height

FD (mm)	16	19	22	24
a (mm)	45	34	23	15

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

FD (mm)	16	19	22	24
a (mm)	45	34	23	15

Minimum gap

MFu=1.5mm

K(mm)	3	4	5	6	Mounting plate
D(mm)	15	16	17	18	H=0
	13	14	15	16	H=2
	11	12	13	14	H=4
	6	7	8	9	H=9

K=Drilling distance D=Required door overlay

FD=	16	17	18	19	20	21	22	23	24	25	26
K=3 MFo=	0.7	0.9	1.2	1.5	1.8	2.2	2.6	3.2	3.8	4.5	5.3
K=4 MFo=	0.7	0.9	1.1	1.4	1.8	2.1	2.5	3.0	3.5	4.4	4.9
K=5 MFo=	0.6	0.9	1.1	1.4	1.7	2.0	2.4	2.9	3.4	3.9	4.6
K=6 MFo=	0.6	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

MFu: Bottom Min. gap

MFo: Top Min. gap

SFA : Side panel overlay= side thickness – gap

FD : Door thickness

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

Assembly

Assembly

Door Assembly

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

Door Assembly

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