



Folder 180

Folder 180 • Double hinged door • 180° opening

System for concertina doors

- Max opening 180° adjustable up to 170°
- Automatic opening and closing action controlled by silicon oil dampers and by a magnetic damper for a smooth and gently decelerated movement
- Fixing of the doors to the cabinet side with external SERIES M hinges or with recessed CONECTA hinges

BASE version

- The track can be assembled under the bottom panel of the cabinet for column units, wardrobes and base units.
- Adjustment of the opening and closing speed of the doors
- Fully adjustable in three directions

TOP version

- The track can be assembled on the top of the cabinet for column units, wardrobes and wall units.
- Adjustment of the opening and closing speed of the doors
- Fully adjustable in three directions

Technical information

- Thickness of wooden door with SERIES M hinges: from 18 mm to 24 mm
- Thickness of wooden door with CONECTA hinges: from 18 mm to 25 mm
- Thickness of wooden door with profile VE79KITE710_A with CONECTA hinges: from 22 mm to 25 mm
- Width of each single wooden door: from 350 mm to 750 mm
- Width of each single aluminium-framed door: from 350 mm to 600 mm

Door height:

- Min. 600 mm
- Max. 2800 mm

- Formula to determine the min. door height

$$HA \text{ Min.} = (4 \times TL) / 3$$

Example:

$$TL = 600$$

$$HA \text{ Min.} = 800$$

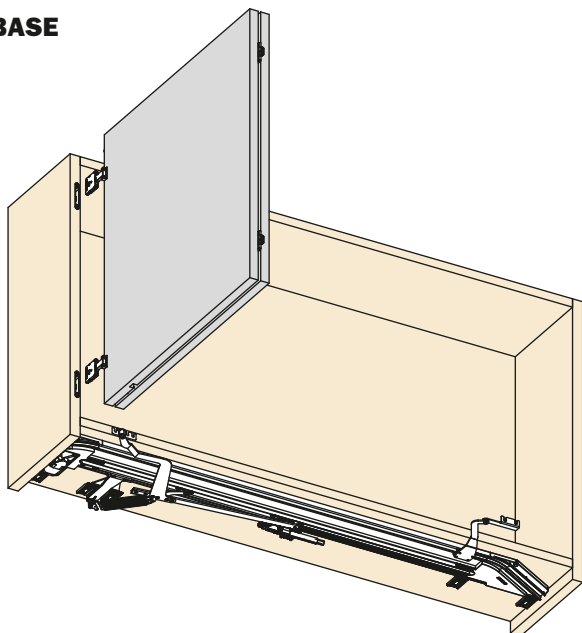
$$(4 \times 600) / 3 = 800$$

- Cabinet depth ≥ 320 mm
- Side thickness with recessed CONECTA DQG3B hinges ≥ 19 mm
- Side thickness with recessed CONECTA DQG5B hinges ≥ 16 mm
- Side thickness with SERIES M hinges ≥ 16 mm

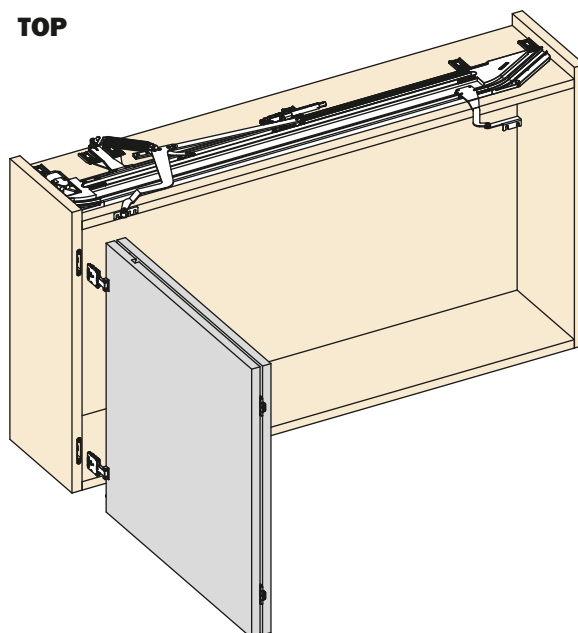
HA = Door height

TL = Door width

BASE



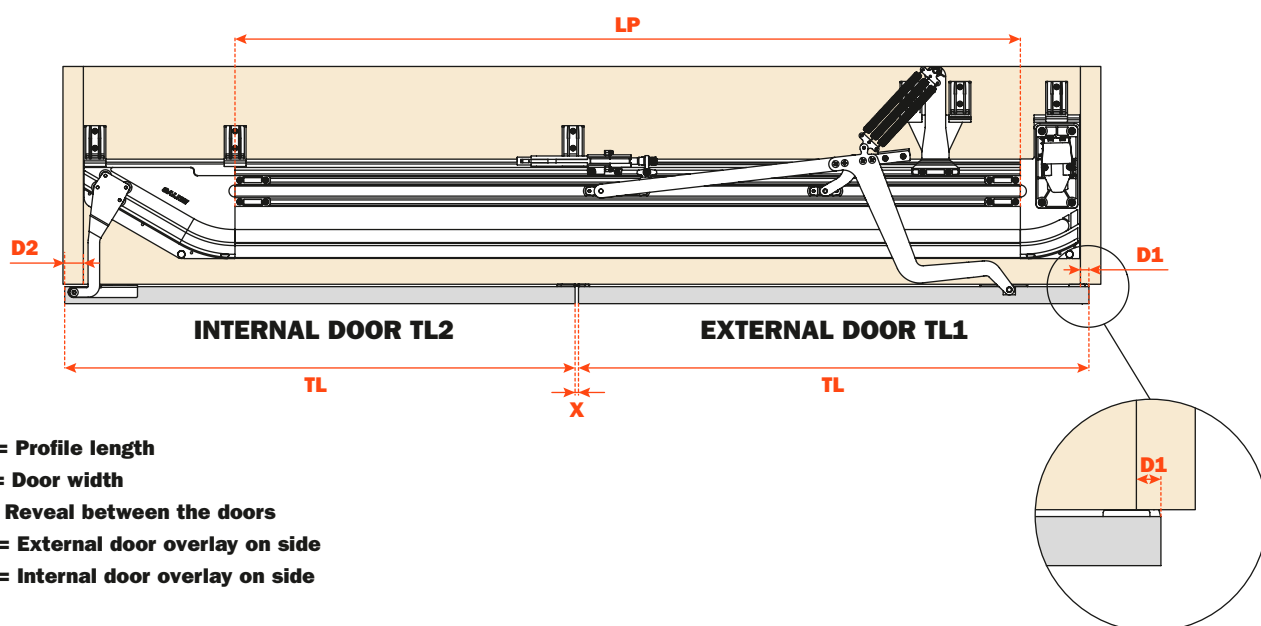
TOP



Folder • Double hinged door

Formula to determine the length of the profile to be cut

$$LP = (2 \times TL) + X - D1 - 338.5 \text{ mm}$$



LP = Profile length

TL = Door width

X = Reveal between the doors

D1 = External door overlay on side

D2 = Internal door overlay on side

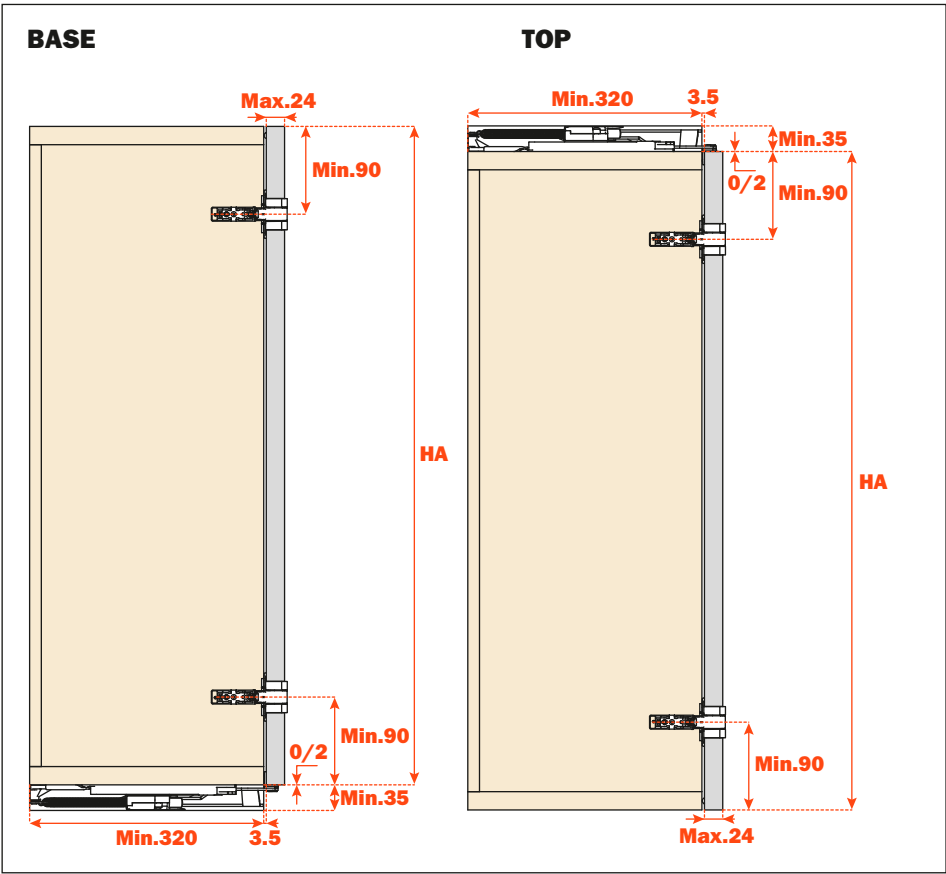
Chart to determine the number of hinges

2 x DOOR WIDTH TL (mm)	DOOR HEIGHT HA (mm)	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES	SET FOR LIGHT DOORS VE79KITX0351B
KIT 1 = 700 - 1000 With wooden doors and with aluminium-framed doors with frame VE79KITE700_A	600 - 800	10	2	YES
	801 - 1200	16	3	YES
	1201 - 1600	24	4	YES
	1601 - 2000	30	4	NO
		40	5	NO
	2001 - 2400	35	4	NO
		45	5	NO
	2401 - 2800	40	4	NO
		50	5	NO

2 x DOOR WIDTH TL (mm)	DOOR HEIGHT HA (mm)	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES	SET FOR LIGHT DOORS VE79KITX0352B
KIT 2 = 1001 - 1500 With wooden doors KIT 2 = 1001 - 1200 With aluminium-framed doors with frame VE79KITE700_A	700 - 800	10	2	YES
	801 - 1200	16	3	YES
	1201 - 1600	24	4	YES
	1601 - 2000	30	5	NO
		40	6	NO
	2001 - 2400	35	5	NO
		45	6	NO
	2401 - 2800	40	5	NO
		50	6	NO

Folder • SERIES M HINGES AND CONECTA HINGES

Space required to accommodate the system and position of the SERIES M HINGES

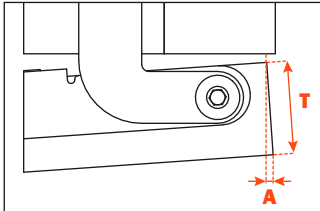


HA = Door height

D1 = door overlay on side hinged side

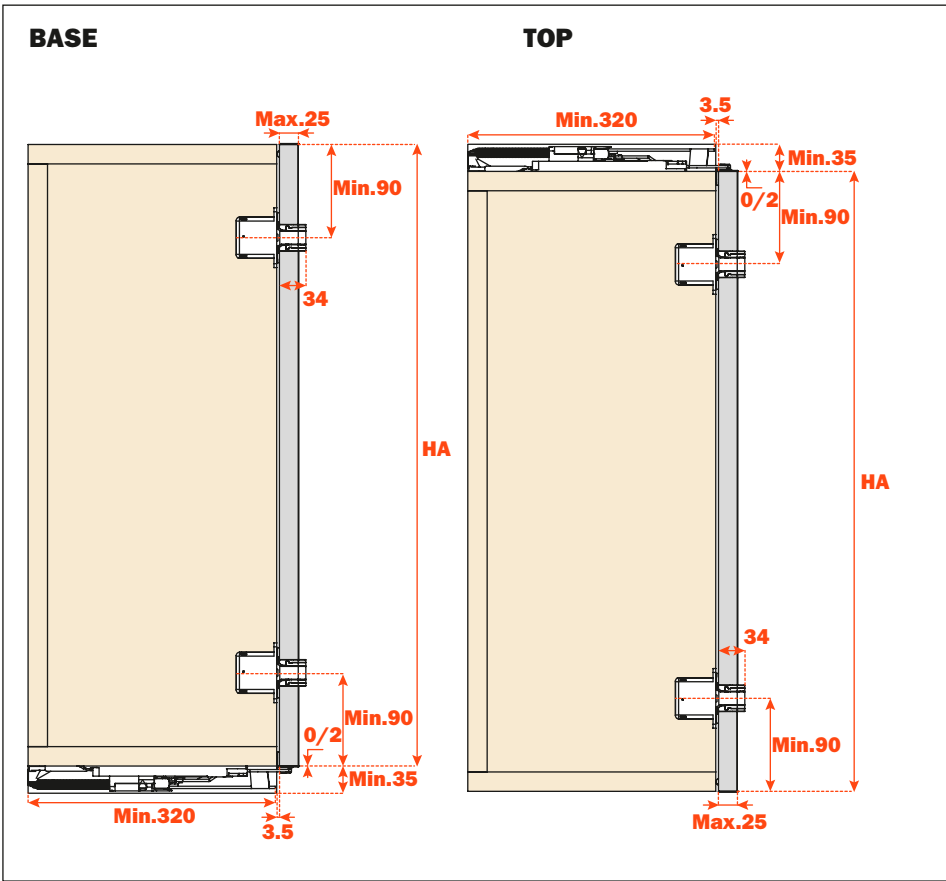
D1 = 18
with mounting plate H = 0
D1 = 12
with mounting plate H = 6

Reveal required for the opening of the INTERNAL door TL2 for wooden door



Door thickness T	Space needed to open the door A
18 mm	1.7 mm
24 mm	2.3 mm

Space required to accommodate the system and position of the CONECTA HINGES

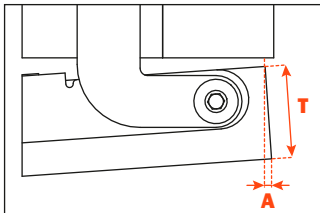


HA = Door height

D1 = Overlay with single application

Workings position	Overlay D1	Side thickness Min.
3.5 mm	12.5 mm	19 mm
4.5 mm	13.5 mm	20 mm
5.5 mm	14.5 mm	21 mm
6.5 mm	15.5 mm	22 mm
7 mm Max.	16 mm	22.5 mm

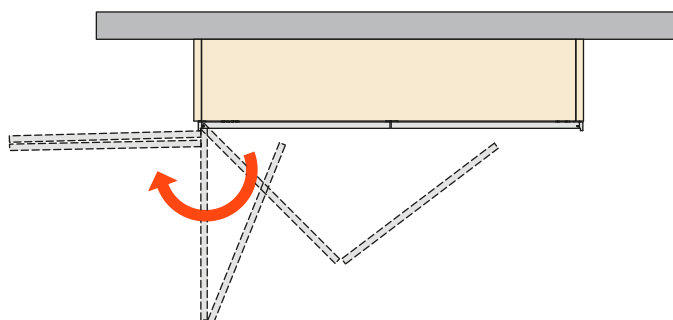
Reveal required for the opening of the INTERNAL door TL2 for wooden door



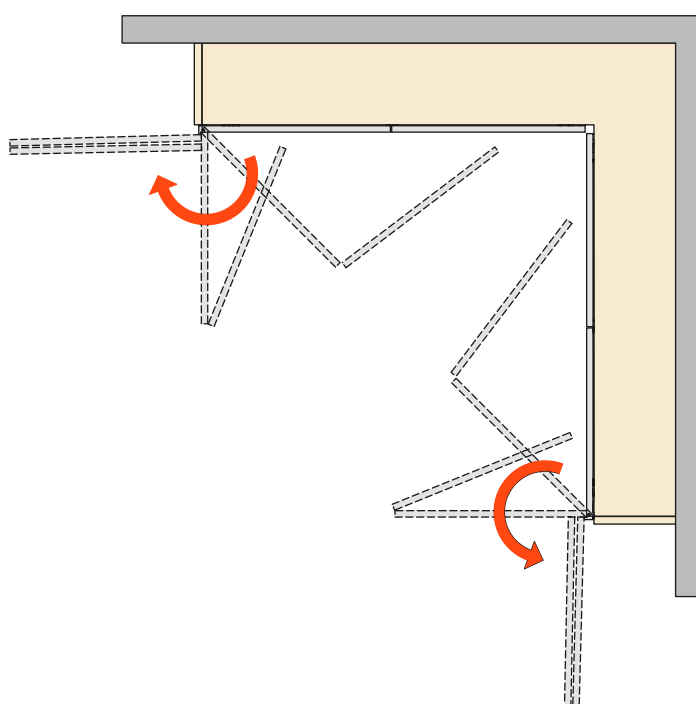
Door thickness T	Space needed to open the door A
18 mm	2.1 mm
25 mm	2.7 mm

Double hinged door • Application examples

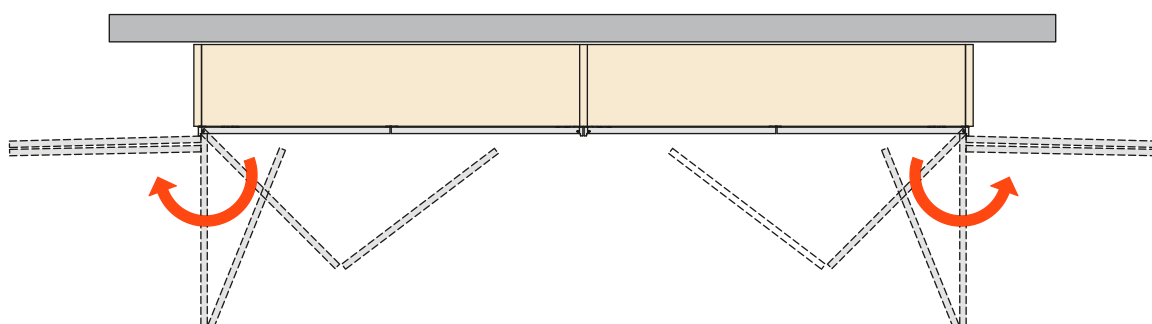
SINGLE CABINET



CORNER CABINET



DOUBLE CABINET



PASSAGE CABINET

