

The SALICE logo is displayed in white, bold, italicized capital letters on a solid orange rectangular background.

Folder 90

Concertina Door Systems
Top & Base

The epfoluos logo is displayed in a dark grey rounded square. The word 'epfo' is in white and 'luos' is in a light green color, both in a lowercase sans-serif font.

FOLDER 90

- Max opening 94°
- 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 SILENTIA+ hinges or with recessed CONECTA 94° hinges



- Technical

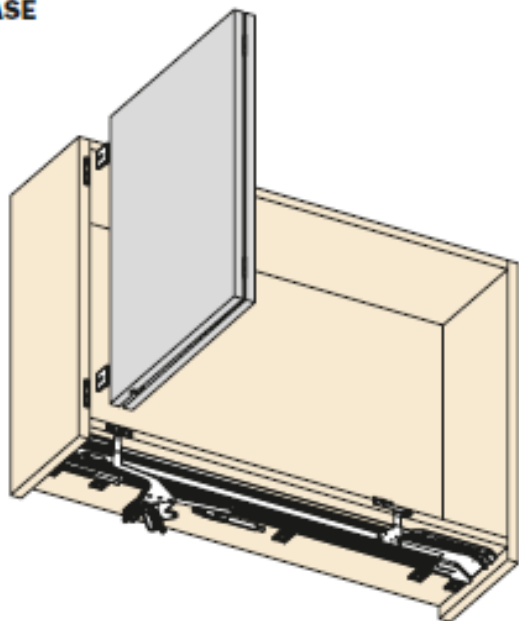
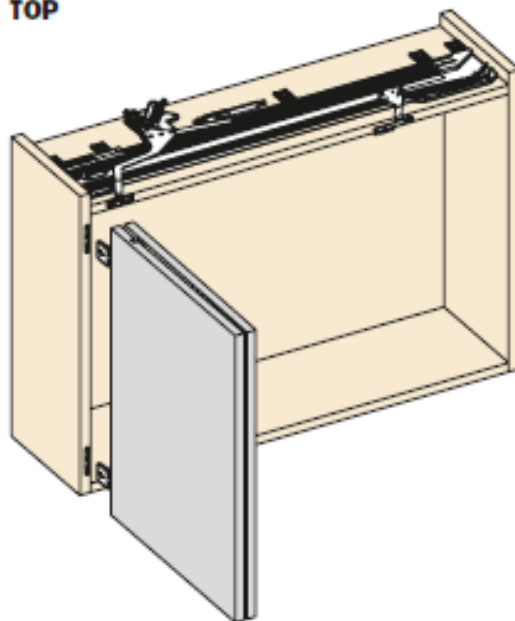
SILENTIA+ Series 200 94° version

- The track can be assembled under the bottom panel or on the top of the cabinet for column units, wardrobes, base units and wall units.
- Adjustment of the closing speed of the doors
- Fully adjustable in three directions
- Technical information - Thickness of wooden door with SILENTIA+ (series 200 94°) hinges: from 19 mm to 25 mm (K=4, K=5)
- Width of each single wooden door: from 350 mm to 600 mm
- Door height: Min. 600 mm - Max. 3000 mm
- Formula to determine the min. door height
 $HA \text{ Min.} = (4 \times TL) / 3$ Example: $TL = 600$
 $HA \text{ Min.} = 800$ (4×600) / 3 = 800
- Cabinet depth ≥ 350 mm
- Side thickness with SILENTIA+ hinges ≥ 16 mm

CONECTA 94° version

- The track can be assembled under the bottom panel or on the top of the cabinet for column units, wardrobes, base units and wall units.
- Adjustment of the closing speed of the doors - Fully adjustable in three directions
- Technical information - Thickness of wooden door with CONECTA 94° hinges: 25 mm
- Width of each single wooden door: from 350 mm to 600 mm
- Width of each single aluminium-framed door: from 350 mm to 600 mm
- Door height: Min. 600 mm - Max. 3000 mm
- Formula to determine the min. door height
 $HA \text{ Min.} = (4 \times TL) / 3$ Example: $TL = 600$
 $HA \text{ Min.} = 800$ (4×600) / 3 = 800
- Cabinet depth ≥ 330 mm
- Side thickness with recessed CONECTA 94° hinges DQG3B ≥ 19 mm
- Side thickness with recessed CONECTA 94° hinges DQG5B ≥ 16 mm

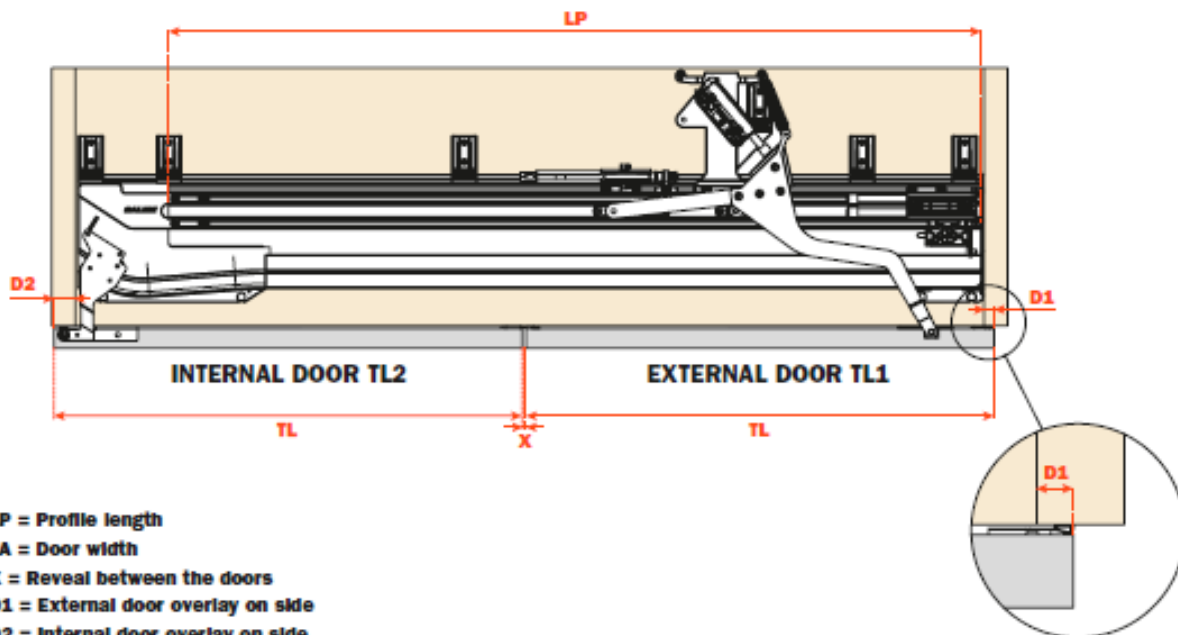
HA = Door height
TL = Door width

BASE**TOP**

Formula to determine the length of the profile to be cut

CONECTA 94° HINGES LP = (2 x TL) + X - D1 - 151.5 mm

SILENTIA+ 94° HINGES LP = (2 x TL) + X - D1 - 138.7 mm



LP = Profile length

LA = 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

SILENTIA+ 94° HINGES AND CONECTEA 94° HINGES					
2 x DOOR WIDTH LA (mm)	DOOR HEIGHT HA (mm)	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES	MAX. WEIGHT FOR TWO DOORS (Kg)	NUMBER OF HINGES
700 - 1200	600 - 800	10	2		
	801 - 1200	15	3		
	1201 - 1600	20	4	25	5
	1601 - 2000	30	5	35	6
	2001 - 2400	35	5	40	6
	2401 - 3000	40	5	50	6

- Formula to determine the min. door height HA Min. = (4 x TL) / 3 Example: TL = 600 HA Min. = 800



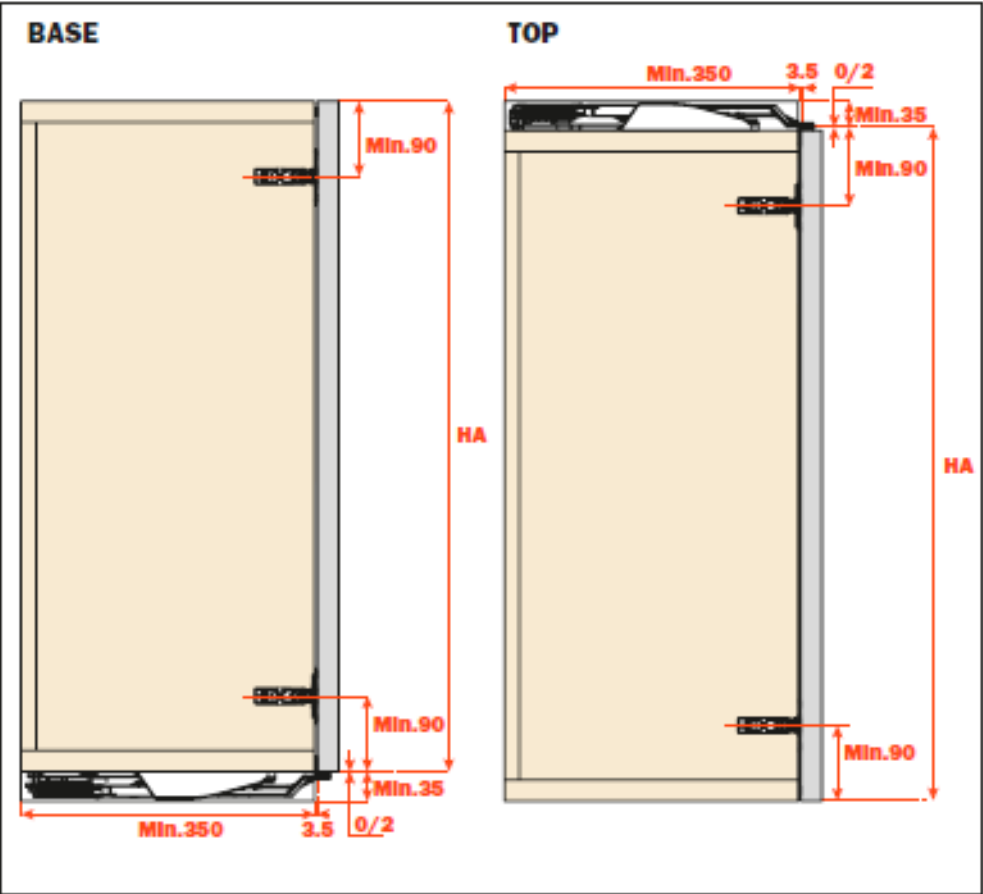
Folder 90

Concertina Door Systems



- Technical

Space required to accommodate the system and position of the SILENTIA+ 94° HINGES

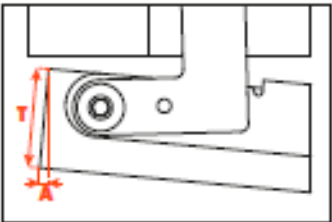


HA = Door height

D1 = Door overlay on side hinged side with K = 4

D1 = 17 with arm 0

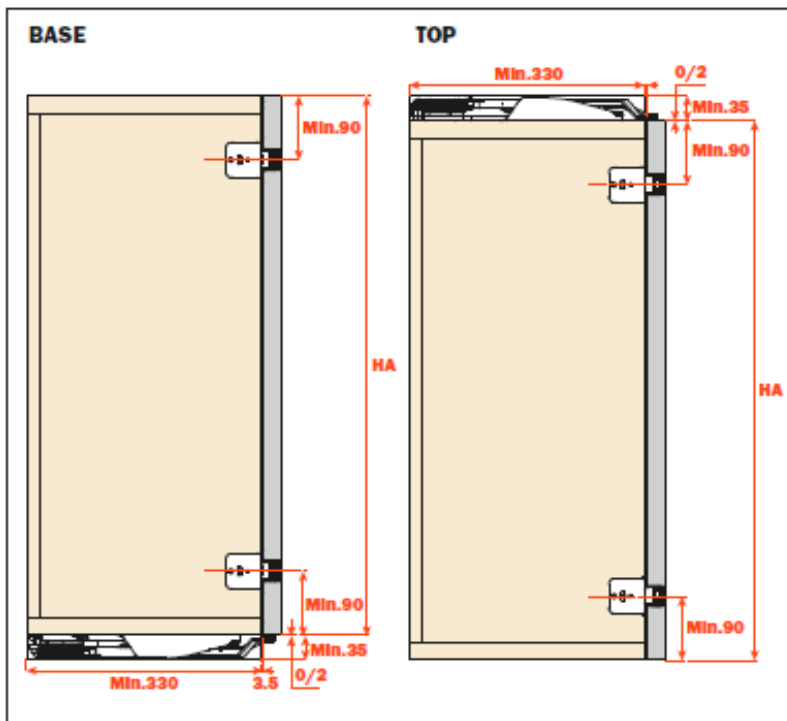
D1 = 8 with arm 9



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

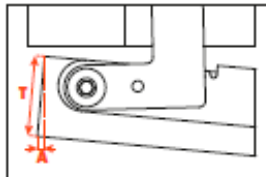
Door thickness T	Space needed to open the door A
19 mm	1.3 mm
25 mm	1.7 mm

Space required to accommodate the system and position of the CONECTA 94° HINGES



HA = Door height

D1 = Door overlay on side hinged side, single door



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

Door thickness T	Space needed to open the door A
25 mm	1.8 mm

Reveal required for the opening of the INTERNAL door TL2 for aluminium-framed door

Door thickness T	Space needed to open the door A
25 mm	1.8 mm

Holder DQG5B



- For single door
- For double doors and side thickness 25 mm

To be screw-fixed on the cabinet side:

- For single door with Euro screws, drilling $\phi 5 \times 12.5$ mm
- For double doors with $\phi 5$ mm Interscrews
- Fixing screws and cover caps included in the single packing
- Fixing screws included in the industrial packing

- Door overlay on side hinged side:
 - with CQA3JE and CQZ3JE hinges D1 = 10 mm
 - with CQA3KE and CQZ3KE hinges D1 = 14 mm

Holder DQG3B



- For single door
- For double doors and side thickness 30 mm

To be screw-fixed on the cabinet side:

- For single door and double doors with $\phi 4 \times 25$ mm screws
- Fixing screws and cover caps included in the single packing
- Fixing screws included in the industrial packing

- Door overlay on side hinged side D1 = see tables

CQA3JE and CQZ3JE Hinges

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

CQA3KE and CQZ3KE Hinges

Workings position	Overlay D1	Side thickness Min.
3.5 mm	16.5 mm	19 mm
4.5 mm	17.5 mm	20 mm
5.5 mm	18.5 mm	21 mm
6.5 mm	19.5 mm	22 mm
7 mm Max.	20 mm	22.5 mm

