

Silentia+ • Series 300 • Technical features

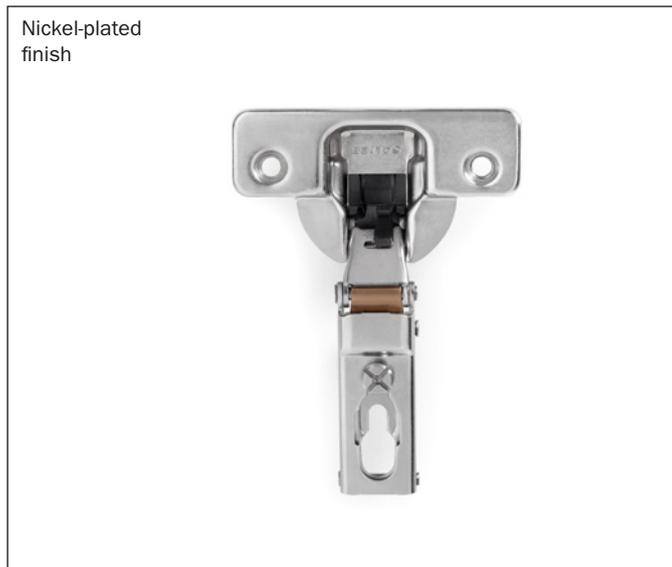
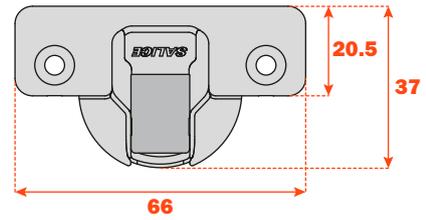
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

The decelerating effect is adjusted by using a simple switch.

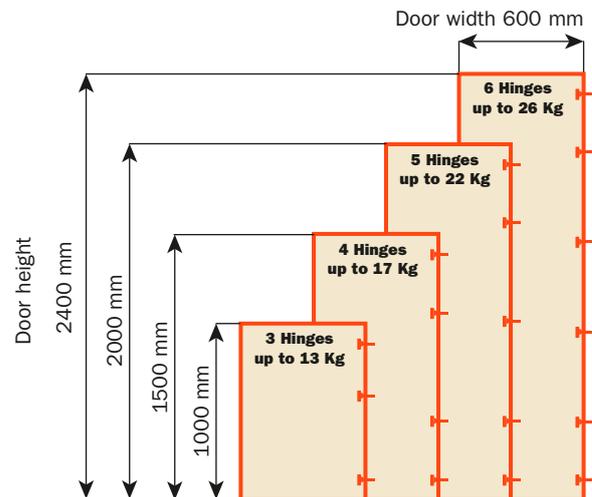
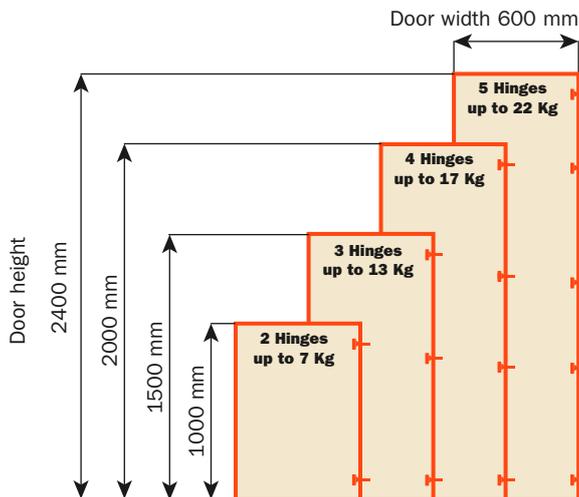
Dimensions of the Ø 35 mm cup.

All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Esempio: C2ABAE9 = nickel-plated
C2ABAE6 = titanium



Approx. number of hinges required according to the door dimension and weight.



Adjustments

Compensated side adjustment from -1.5 mm to +4.5 mm, constant "L" value of 1.3 mm (it does not change during side adjustment).
Height adjustment ± 2 mm.
Depth adjustment with Series 200 mounting plates +2.8 mm.
Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.
Anti-sliding safety stop.

Mounting plates

Asymmetrical bright nickel plated or titanium finish die-cast Series 300 mounting plates.
Positioning with pre-determined stop.

N.B. : Use POZIDRIVE No. 2 screwdrivers for all screws.

Silentia • Series 300 • 94° opening



Technical information

Hinges for min. 18 mm thick doors.

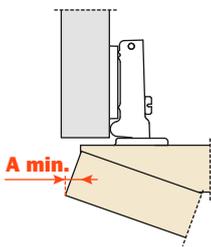
15.5 mm deep cup.

94° opening.

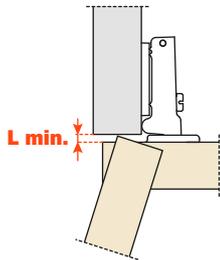
Possible drilling distance on the door (K): from 3 to 9 mm.

Compatible with all traditional Series 300 mounting plates.

Space needed to open the door



T=	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
K=3	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.6	2.6	3.5	4.5	5.4	6.4	7.4	8.3	9.3
K=4	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.9	2.8	3.8	4.7	5.7	6.6	7.6	8.6
K=5	A= 0.1	0.2	0.3	0.4	0.5	0.7	0.8	1.0	1.2	1.4	2.2	3.1	4.1	5.0	5.9	6.9	7.8
K=6	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.2	1.4	1.7	2.6	3.5	4.4	5.3	6.2	7.2
K=7	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	1.1	1.3	1.6	2.1	3.0	3.8	4.7	5.6	6.5
K=8	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.6	1.8	2.5	3.3	4.2	5.1	6.0
K=9	A= 0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.1	1.3	1.5	1.8	2.1	2.9	3.7	4.6	5.4

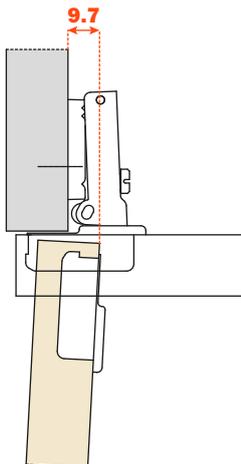


K=	3	4	5	6	7	8	9
L=	0.0	0.0	0.0	0.0	0.0	0.3	1.3

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiused edges.

Projection of the door

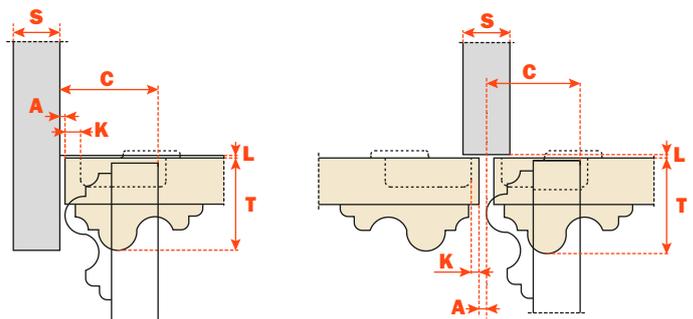
Projection of the door from the cabinet side at the max. opening. The figures are based on a straight arm hinge, H=0 mm thickness of mounting plate and K value = 3 mm.



“C” value

With this formula you can obtain the max. thickness of the moulded door that can be opened without touching adjacent carcass sides, doors or walls, whilst bearing in mind the above L · K · T values.

$$C = 22.5 + K + A$$



Packing Nickel-plated finish

Boxes 300 pcs. • Pallets 7.200 pcs.

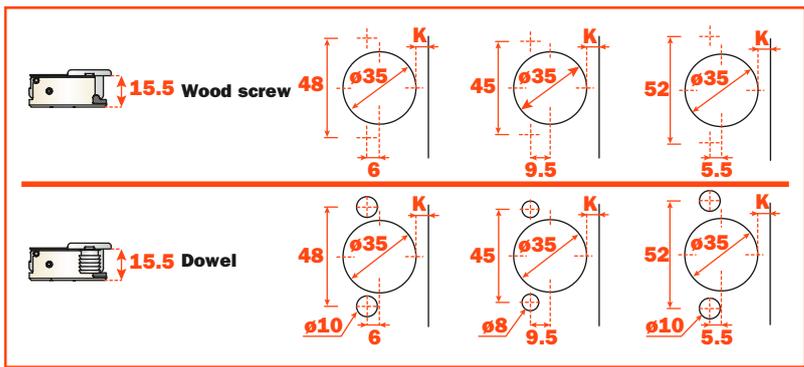
Packing Titanium finish

Check with the sales office for the minimum order quantity

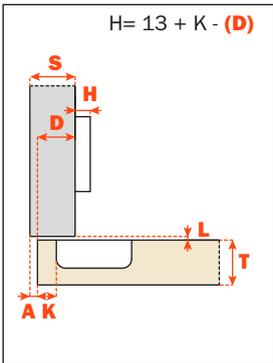
All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

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Use these formulas to determine the type of hinge arm, the drilling distance "K" and the height of the mounting plate "H" which is necessary to solve each application problem.



Arm 0



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C3ABAE9	C3PBAE9	C3UBAE9			
	Dowel	C3BBAE9	C3RBAE9	C3WBAE9			