

Silentia+ • Series 200 for thicker doors • Technical features

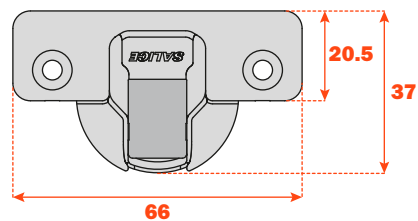
Hinges with adjustable integrated soft-close mechanism operated by twin silicone-oil dampers housed in the hinge cup.

The decelerating effect is adjusted by using a simple switch.

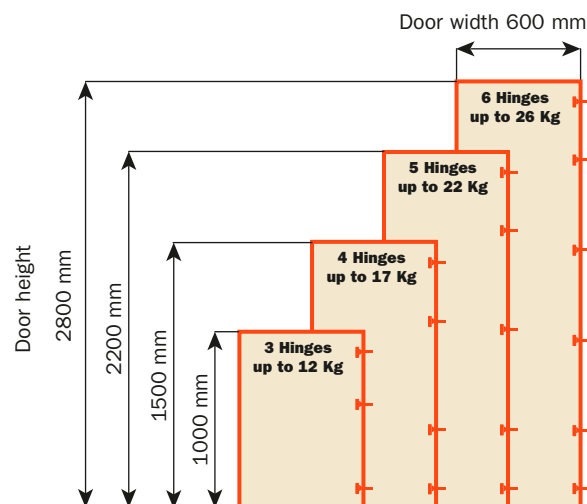
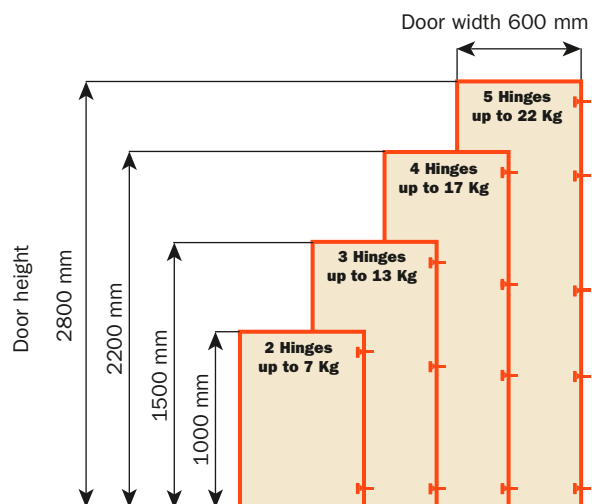
Dimensions of the Ø 35 mm cup.

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

Example: C2ABAE9 = nickel-plated
C2ABAE6 = titanium



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



Adjustments

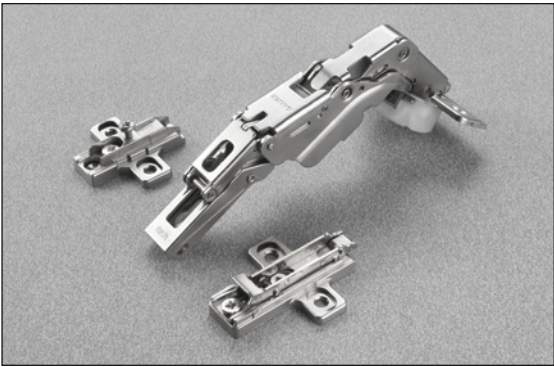
Compensating side adjustment from -1.5 mm to +4.5 mm.
Height adjustment ± 2 mm.
Depth adjustment with Series 200 mounting plates +2.8 mm.
Depth adjustment with Domi snap-on mounting plates from -0.5 mm to +2.8 mm.
Anti-sliding safety stop.

Mounting plates

Symmetrical and asymmetrical bright nickel plated steel or die-cast Series 200 mounting plates.
Snap-on assembly on Domi mounting plates.
Positioning with pre-determined stop on traditional Series 200 mounting plates.

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

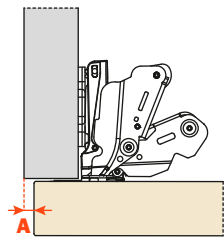
Silentia+ • Series 200 for thicker doors • 155° opening



Technical information

Hinges for thick doors 16 mm min.
Hinge with greater opening angle and reduced operating profile
13.5 mm deep cup.
155° opening.
Possible drilling distance on the door (K): from 3 to 8 mm.
Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.
To limit the opening of the hinge, see page 75 chapter “Accessories”.

Space needed to open the door



	T=	16	18	20	22	24	25	26	27	28
K=3	A=	0.0	0.0	0.0	0.0	0.0	0.10	0.40	0.75	1.20
K=4	A=	0.0	0.0	0.0	0.0	0.0	0.15	0.45	0.85	1.35
K=5	A=	0.0	0.0	0.0	0.0	0.0	0.20	0.50	0.95	120° 1.70
K=6	A=	0.0	0.0	0.0	0.0	0.0	0.25	0.60	1.10	120° 1.95
K=7	A=	0.0	0.0	0.0	0.0	0.0	0.30	0.70	1.30	92° 2.30
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.35	0.85	120° 1.70	92° 2.80
K=9	A=	0.0	0.0	0.0	0.0	0.15	0.55	1.20	92° 2.15	

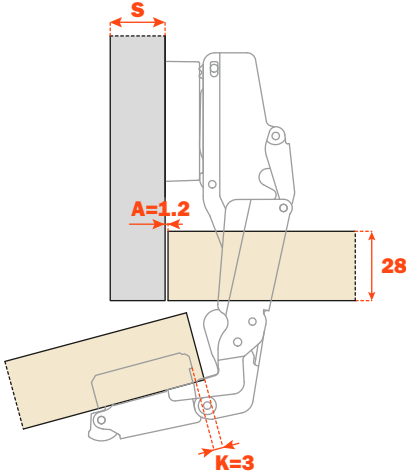
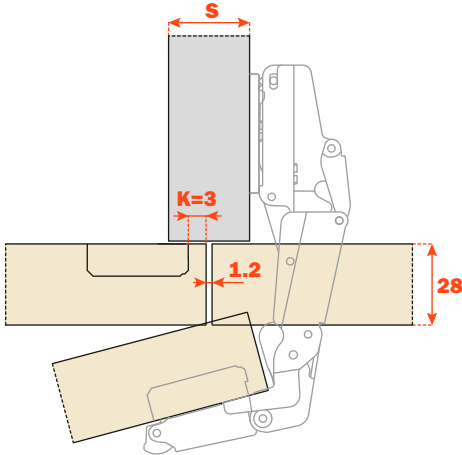
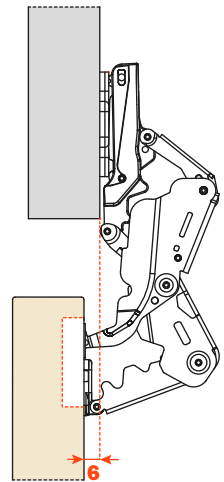
With opening stop device to 92° art. S2BM37XG
With opening stop device to 120° art. S2AM37XG

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

Spaces with removable components.

“C” value

The door combined with a mounting plate
H=0 and a straight arm hinge opens at 90°
with lateral door protrusion of 6 mm.



Packing Nickel-plated finish

Boxes 100 pcs. • Pallets 2.400 pcs.

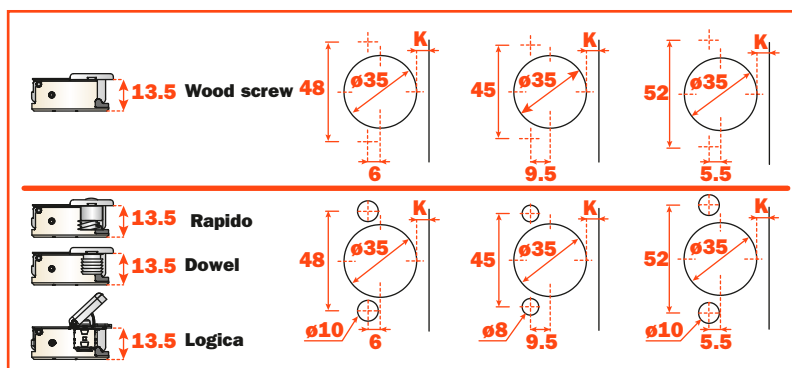
Packing Titanium finish

Check with the sales office for the minimum order quantity

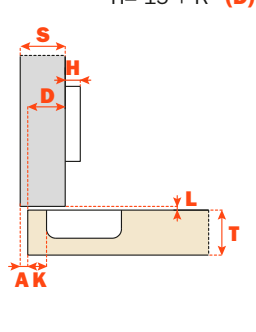
All hinges are also available in titanium finish; to order Titanium please change the part number as shown in the example below.

Example: C2AKAE9 = nickel-plated
C2AKAE6 = titanium

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**

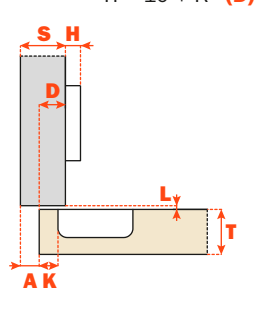
$$H = 15 + K - (D)$$



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C2AKAE9	C2PKAE9	C2UKAE9			
	Rapido	C26KAE9	C27KAE9	C22KAE9			
	Dowel	C2BKAE9	C2RKAE9	C2WKAE9			
	Logica	C2IKAE9	C2JKAE9	C2QKAE9			

Arm 5

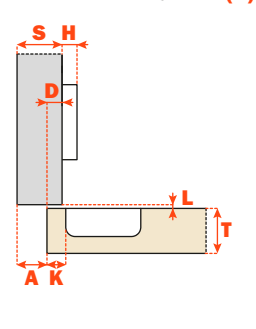
$$H = 10 + K - (D)$$



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C2AKDE9	C2PKDE9	C2UKDE9			
	Rapido	C26KDE9	C27KDE9	C22KDE9			
	Dowel	C2BKDE9	C2RKDE9	C2WKDE9			
	Logica	C2IKDE9	C2JKDE9	C2QKDE9			

Arm 9

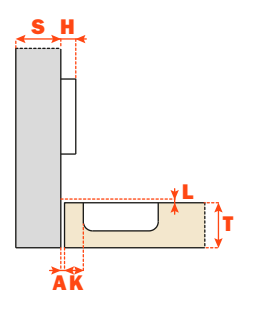
$$H = 6 + K - (D)$$



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C2AKGE9	C2PKGE9	C2UKGE9			
	Rapido	C26KGE9	C27KGE9	C22KGE9			
	Dowel	C2BKGE9	C2RKGE9	C2WKGE9			
	Logica	C2IKGE9	C2JKGE9	C2QKGE9			

Arm 17

$$H = -2 + K + A$$



		Soft close Nickel-plated finish					
Fixing		48	45	52			
	Wood screw	C2AKPE9	C2PKPE9	C2UKPE9			
	Rapido	C26KPE9	C27KPE9	C22KPE9			
	Dowel	C2BKPE9	C2RKPE9	C2WKPE9			
	Logica	C2IKPE9	C2JKPE9	C2QKPE9			