





Series 200

The Series 200 make up an integrated system of hinges developed to provide a solution to any situation involving concealed hinges.

Bright nickel plated steel cup and arm. Dimensions of the \emptyset 35 mm cup.



Constant "L" value of 0.7 mm (it does not change during side adjustment).

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.

	4	8	→ K	155°	45		9.5	155°	5	2	K ★5.5	- 155° 165°
Wood corow	34	110	120	105	54	110	120	105		110	120	103
	A	A	A	A	Υ	Р	P	P	U	U	U	U

	4 <u>1</u>	8 6 ³⁵ »10	-6	1 660	4	5 03 ⁵ ø8	9.5	- 1 EE°	52 633 ø10 5.5			
	94 °	110 °	120 °	165°	94 °	110 °	120 °	165°	94° 110° 120°			165°
Rapido	6	6	6	6	7	7	7	7	2	2	2	2
Dowel	В	В	В	В	R	R	R	R	W	w	w	W
Logica	I	I	I	I	J	J	J	J	Q	Q	Q	Q

Use this table to identify the available drillings and fixings. Fill the third position of the hinge code number with the letter or the number corresponding to your choice. I.e.: C2_BA99.

Fill this position with the chosen letter or number.



For thicker doors, max. 35 mm, with special profiles.

11 mm deep metal cup. 94° opening.

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

Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door

	\mathbf{A}	
ļ	Amin	/

	1=	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 radiussed 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 carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



C=23 + K + A



Packing Boxes 300 pcs. Pallets 7.200 pcs.

CA sprung hinge **CL** unsprung hinge 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.







When a greater opening angle is required.

11 mm deep metal cup.

110° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door



~
min

L

	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	0.5	0.7	0.9	1.2	1.5	1.8	2.4	3.7	5.1	6.5	7.8
K=4	A=	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.7	4.1	5.5	6.8
K=5	A=	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.6	3.1	4.1	5.4
K=6	A=	0.5	0.7	0.9	1.2	1.5	1.8	2.1	2.5	3.0	3.5	4.4

	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.4	1.7	1.9
K=4	L=	0.0	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6
K=5	L=	1.1	1.3	1.6	1.8	2.1	2.3	2.6	2.9	3.1	3.4	3.6
K=6	L=	2.0	2.3	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed 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 carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



C=20 + K+ A



Packing Boxes 300 pcs. Pallets 7.200 pcs.

CA sprung hinge **CL** unsprung hinge 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.







When a greater opening angle is required.

11 mm deep metal cup.

120° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door





	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	A=	1.0	1.3	1.6	1.9	2.2	3.5	5.0	6.5	8.1	9.6	11.2
K=4	A=	1.0	1.3	1.5	1.9	2.2	2.5	4.0	5.5	7.1	8.6	10.2
K=5	A=	1.0	1.2	1.5	1.8	2.1	2.5	3.0	4.5	6.1	7.6	9.2
K=6	A=	1.0	1.2	1.5	1.8	2.1	2.4	2.8	3.5	5.1	6.6	8.1
	-			-	-	-			_	_		
	T=	16	17	18	19	20	21	22	23	24	25	26

	T=	16	17	18	19	20	21	22	23	24	25	26
K=3	L=	0.0	0.0	0.0	0.0	0.1	0.5	0.9	1.3	1.7	2.1	2.5
K=4	L=	0.0	0.0	0.2	0.6	1.0	1.4	1.8	2.2	2.6	3.1	3.5
K=5	L=	0.3	0.7	1.1	1.5	1.9	2.3	2.8	3.2	3.6	4.0	4.4
K=6	L=	1.2	1.6	2.0	2.4	2.8	3.3	3.7	4.1	4.5	4.9	5.3

The above values are calculated on the assumption that the doors have square edges. They are reduced if the doors have radiussed 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 carcase sides, doors or walls, whilst bearing in mind the above L-K-T values.



C=20 + K+ A



Packing Boxes 300 pcs. Pallets 7.200 pcs.

CA sprung hinge **CL** unsprung hinge 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.







For min.10 mm thick doors.

8 mm deep die-cast 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.

Space needed to open the door



	T=	16	18	20	22
K=3	A=	0.0	0.0	0.3	1.2
K=4	A=	0.0	0.4	0.4	1.3
K=5	A=	0.0	0.1	0.5	1.6
K=6	A=	0.0	0.1	1.2	3.0
K=7	A=	0.0	0.1	0.7	2.5
K=8	A=	0.0	0.1	0.6	1.9

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

"C" value

For spaces with removable components. The door combined with a mounting plate H=0 and a straight arm hinge opens at 90° with lateral door protrusion of 2 mm.





Packing Boxes 100 pcs. Pallets 2.400 pcs.

CA sprung hinge

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.

To limit the opening of the hinge, see the leaflet "Accessories".







For thicker doors max. 28 mm.

Hinge with greater opening angle and reduced operating profile. 8.5 mm deep die-cast cup.

155° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

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	100° 2.30
K=8	A=	0.0	0.0	0.0	0.0	0.0	0.35	0.85	120° 1.70	100° 2.80
K=9	A=	0.0	0.0	0.0	0.0	0.15	0.55	1.20	100° 2.15	
With st	op dev	ice at 10)° item S2	BM37XG		•				

With stop device at 120° item S2AM37XG

"C" value

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.

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 Boxes 100 pcs. Pallets 2.400 pcs.

CA sprung hinge

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.

To limit the opening of the hinge, see the leaflet "Accessories".







For thicker doors max. 35 mm.

Hinge with greater opening angle and reduced operating profile. 11 mm deep die-cast cup.

155° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Space needed to open the door



	T=	27	28	29	30	31	32	33	34	35	36
K=3	A=	0.0	0.0	0.2	0.6	0.8	1.0	1.4	1.9	2.3	3.0
K=4	A=	0.0	0.0	0.2	0.6	0.8	1.0	1.4	1.9	2.3	3.0
K=5	A=	0.0	0.0	0.2	0.6	0.8	1.1	1.5	1.9	2.5	3.2
K=6	A=	0.0	0.0	0.2	0.6	0.8	1.2	1.6	1.9	2.5	3.8
K=7	A=	0.0	0.0	0.2	0.6	0.8	1.3	1.7	2.1	2.7	3.9
K=8	A=	0.0	0.0	0.2	0.6	0.8	1.4	1.7	2.1	2.7	4.0
K=9	A=	0.0	0.0	0.2	0.6	0.8	1.4	1.7	2.1	3.0	4.0

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

"C" value

For spaces with removable components. The door combined with a mounting plate H=0 opens at 90° with lateral door protrusion of 3.5 mm.



With stop device 110°

Packing Boxes 100 pcs. Pallets 2.400 pcs.

CA sprung hinge

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.

To limit the opening of the hinge, see the leaflet "Accessories".







Hinge with greater opening angle and reduced operating profile. 11 mm deep die-cast cup.

165° 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.

Space needed to open the door



	T=	16	18	20	22	24	26	28
K=3	A=	0.0	0.0	0.0	0.7	2.7	4.6	7.9
K=4	A=	0.0	0.0	0.0	0.1	1.8	3.8	6.9
K=5	A=	0.0	0.0	0.0	0.1	1.2	3.0	5.9
K=6	A=	0.0	0.0	0.0	0.1	0.9	2.5	4.9
K=7	A=	0.0	0.0	0.0	0.1	0.7	2.0	3.9
K=8	A=	0.0	0.0	0.0	0.1	0.6	1.7	3.2

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

"C" value

For spaces with removable components. Opening with lateral door protrusion equal to 5.5 mm with a hinge with straight arm, H=0 mounting plate and K=3 mm.



Packing Boxes 100 pcs. Pallets 2.400 pcs.

CA sprung hinge **CL** unsprung hinge 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.

To limit the opening of the hinge, see the leaflet "Accessories".





Series 200 - Hinges for glass doors



Technical information

Hinges for glass doors.

Hole diameter 26 mm. 94° opening.

For use with glass from 4 mm to 6 mm thickness. Possible drilling distance on the door (K): from 5.5 to 6.5 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

P2CTA Fancy covers see the leaflet "Accessories" for the available finishes.

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Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

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.





Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Technical information

with all Domi snap-on mounting plates.

Hinges for glass doors with positive angled assembly. Hole diameter 26 mm.

94° opening. For use with glass from 4 mm to 6 mm thickness. Possible drilling distance on the door (K): from 5.5 to 6.5 mm. Compatible with all Series 200 traditional mounting plates and

Applications with doors set at any angle between -7.5° to $+70^{\circ}$ are possible by combining the appropriate hinge and mounting plate.





Hinges for fridge doors.

11 mm deep metal cup.

94° opening.

Use the tables "Drillings and fixings" at

page 3 to complete the code number of the desired hinge.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates. **NOT COMPATIBLE** with Domi snap-on mounting plates.

Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge







Hinges for wooden doors with positive angled assembly. 11 mm deep metal cup.

94° opening.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

The solution of assembly problems where doors are mounted at a positive or negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.

Use the tables "Drillings and fixings" at page 3 to complete the code number of the desired hinge.





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Hinges for wooden doors with negative angled assembly. 11 mm deep metal cup.

120° opening.

Possible drilling distance on the door (K): from 3 to 6 mm. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

The solution of assembly problems where doors are mounted at a negative angle requires the verification of drilling distances by a practical trial. Please do not hesitate to consult our technical support department for assistance.







Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

E min:

61 mm for Series 200 mounting plates. 70 mm for Domi snap-on mounting plates. 74 mm for Domi snap-on mounting plates with back cam.

Technical information

all Domi snap-on mounting plates.

For cabinet sides with 37x32 mm standard drilling.

Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates and with

Crampon hinges.

94° opening.

11 mm deep metal cup.

Use the tables "Drillings and fixings" at page 3 to complete the code number of the desired hinge.





Heights of mounting plates for every assembly.



CA - C2_BN99AC





Crampon hinges.

For smaller spaces with 15x32 mm drilling. 11 mm deep metal cup. 94° opening. Possible drilling distance on the door (K): from 3 to 9 mm. Compatible with all traditional Series 200 mounting plates, 28x32 mm drilling.

NOT COMPATIBLE with Domi snap-on mounting plates.

Use the tables "Drillings and fixings" at page 3 to complete the code number of the desired hinge.

Pallets 3.600 pcs.

Boxes 150 pcs.

Packing





Heights of mounting plates for every assembly.









Packing Boxes 150 pcs. Pallets 3.600 pcs.

CA sprung hinge

E min:

61 mm for Series 200 mounting plates. 70 mm for Domi snap-on mounting plates. 74 mm for Domi snap-on mounting plates with back cam.

Use the tables "Drillings and fixings" at page 3 to complete the code number of the desired hinge.







CA - C2_6N99AM





Hinges for corner cabinets.

11 mm deep die-cast cup.35 mm cup diameter.Opening angle of the first door 70°.Possible drilling distance on the door (K) : from 3 to 6 mm.

Maximum thickness of the door with square edges: 23 mm. For thicker doors or doors with mouldings or with large radiussed edges, please refer to our technical assistance. Compatible with all traditional Series 200 mounting plates and with all Domi snap-on mounting plates.

Use the tables "Drillings and fixings" at page 3 to complete the code number of the desired hinge.





Packing

Boxes 150 pcs.

CA sprung hinge

Pallets 3.600 pcs.



CA - C2_YA99

Use these formulas to determine the height of mounting plate and drilling distance

Drilling distance: cruciform mounting plates = 47 – T

T= Thickness of the door with square edges

Drilling distance: longitudinal mounting plates = (31 - T) + 32 H*= 26 - T - K The mounting plate heights that are not standard are obtained with the mounting plate of lower height + sideways adjustment

Examples with doors with square edges

К	X	x	н		
5	47 - 20 = 27 mm	31 - 20 = 11 + 32 mm	26 - 20 - 5 = 1 mm		
6	47 - 16 = 31 mm	31 - 16 = 15 + 32 mm	26 - 16 - 6 = 4 mm		
3	47 - 19 = 28 mm	31 - 19 = 12 + 32 mm	26 - 19 - 3 = 4 mm		
4	47 - 18 = 29 mm	31 - 18 = 13 + 32 mm	26 - 18 - 4 = 5 (H = 4 + 1 mm adjustment)		
	K 5 6 3 4	K X 5 47 - 20 = 27 mm 6 47 - 16 = 31 mm 3 47 - 19 = 28 mm 4 47 - 18 = 29 mm	K X X 5 47 - 20 = 27 mm 31 - 20 = 11 + 32 mm 6 47 - 16 = 31 mm 31 - 16 = 15 + 32 mm 3 47 - 19 = 28 mm 31 - 19 = 12 + 32 mm 4 47 - 18 = 29 mm 31 - 18 = 13 + 32 mm		

C2AYA99 hinge movement and maximum opening width



Space required to accomodate the hinge

With Series 200 mounting plates

The maximum space required to accommodate the hinge is 52 mm with 16 mm thick doors. With thicker doors the amount of space required is reduced.

With Domi snap-on mounting plates

The maximum space required to accommodate the hinge with 16 mm thick doors is 64 mm with Domi mounting plates and 68 mm with mounting plates with back cam. With thicker doors the amount of space required is reduced.



Series 200 - Complementary hinges - Special angled assemblies



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DEUTSCHE SALICE GMBH

RUDOLF DIESEL STR. 10 POSTFACH 1154 74382 NECKARWESTHEIM TEL. 07233 9807-0 FAX. 07233 9807-16 info.salice@deutschesalice.de www.deutschesalice.de

DEUTSCHE SALICE GMBH

VERKAUFSBÜRO NORD RINGSTRASSE 36/A30 CENTER 32584 LÖHNE TEL. 05731 15608-0 FAX. 05731 15608-10 vknord@deutschesalice.de www.deutschesalice.de

SALICE FRANCE S.A.R.L.

ROUTE DE GOA ZAC LES 3 MOULINS 06600 ANTIBES TEL. 0493 330069 FAX. 0493 330141 info.salice@salicefrance.com www.salicefrance.com

SALICE ESPAÑA, S.L.U.

CALLE COPÉRNICO, 11 POLÍGONO INDUSTRIAL COLL DE LA MANYA 08403 GRANOLLERS (BARCELONA) TEL. 938 46 88 61 FAX 938 49 11 97 info.salice@saliceespana.es www.salice@spana.es

SALICE UK LTD.

KINGFISHER WAY HINCHINGBROOKE BUSINESS PARK HUNTINGDON CAMBS PE 29 6FN TEL. 01480 413831 FAX. 01480 451489 info.salice@saliceuk.co.uk www.salice@k.co.uk

SALICE AMERICA INC.

2123 CROWN CENTRE DRIVE CHARLOTTE NC. 28227 TEL. 704 8417810 FAX. 704 8417808 info.salice@saliceamerica.com www.saliceamerica.com

SALICE CANADA INC.

3500 RIDGEWAY DRIVE, UNIT#1 MISSISSAUGA, ONTARIO, L5L 0B4 TEL. 905 8208787 FAX. 905 8207226 info.salice@salicecanada.com www.salicecanada.com

SALICE CHINA (SHANGHAI) CO. LTD.

1st FLOOR, B1 BLDG 928 MINGZHU ROAD XUJING, QINGPU DISTRICT SHANGHAI 201702 - CHINA Tel. 021 3988 9880 Fax 021 3988 9882 info.salice@salicechina.com www.salicechina.com