

## Silentia - Series 100 - 105° opening



### Technical information

**Hinges with integrated soft-close mechanism in the hinge cup.**

**Hinges for doors of small weight and thickness.**

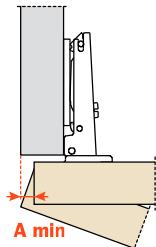
**12 mm deep cup.**

105° opening.

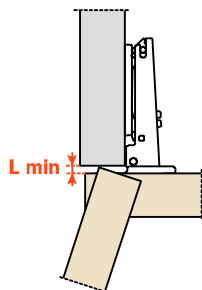
Possible drilling distance on the door (K): from 3 to 6 mm.

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

### Space needed to open the door



	T=	15	16	17	18	19	20
K=3	<b>A=</b>	1.0	1.0	1.2	1.4	1.6	1.9
K=4	<b>A=</b>	0.9	1.0	1.2	1.3	1.5	1.8
K=5	<b>A=</b>	0.9	1.0	1.1	1.2	1.5	1.8
K=6	<b>A=</b>	0.9	1.0	1.1	1.2	1.4	1.7



	T=	15	16	17	18	19	20
K=3	<b>L=</b>	0.0	0.0	0.0	0.0	0.1	0.3
K=4	<b>L=</b>	0.4	0.6	0.7	0.9	1.1	1.2
K=5	<b>L=</b>	1.0	1.0	1.2	1.8	2.0	2.0
K=6	<b>L=</b>	1.6	1.8	2.0	2.1	2.3	2.5

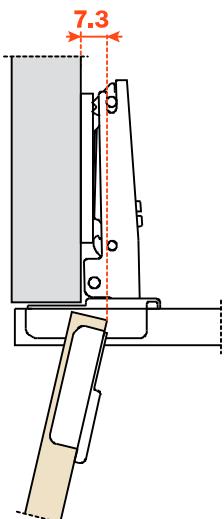
The above values are calculated on the assumption that the doors have square edges.  
They are reduced if the doors have radiussed edges.

### 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.



$$C = 20.5 + K + A$$

