



# Inward opening furniture door

Interesting design solutions  
for small and large spaces

Technical data sheet

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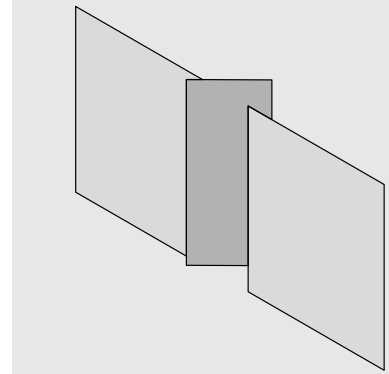
 **blum**<sup>®</sup>

## Product



- CLIP top BLUMOTION with integrated soft-close mechanism (can be deactivated)
- Suitable for the construction of cabinets with inward-opening doors
- For door widths up to 900 mm
- 3-dimensional front adjustment
- Convenient spiral-screw side adjustment
- Tool-free assembly and removal of the front
- With INSERTA tool free hinge to door assembly
- Boss drilling on the cabinet

### Application



## Ordering information

Hinge with double cranked hinge arm			
	<b>Boss</b>		<b>INSERTA</b>
	<b>Hinge</b>	<b>Spring</b>	<b>Colour</b>
	CLIP top BLUMOTION	●	NI   ONS
	CLIP top	●	NI
	<b>Boss</b>		<b>Screw-on</b>
	<b>Hinge</b>	<b>Spring</b>	<b>Colour</b>
	CLIP top BLUMOTION	●	NI   ONS
	CLIP top	●	NI
	<b>Boss</b>		<b>Knock-in</b>
	<b>Hinge</b>	<b>Spring</b>	<b>Colour</b>
	CLIP top BLUMOTION	●	NI
	CLIP top	●	NI

● With spring

NI Nickel plated  
ONS Onyx black

### Accessories

		<b>Hinge boss cover cap</b>	
<b>Hinge</b>	<b>Colour</b>		
CLIP top BLUMOTION	NI   ONS		70T3504
CLIP top	NI		70T3504

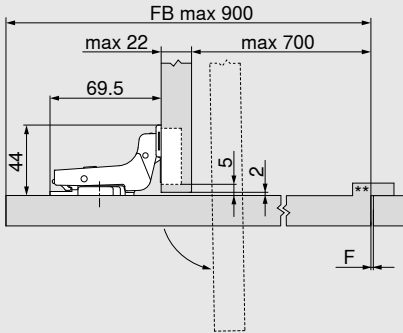
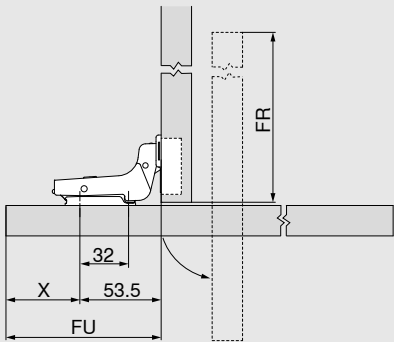
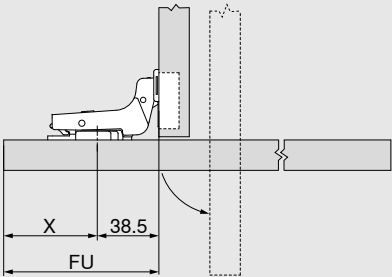
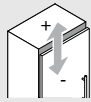
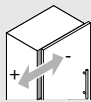
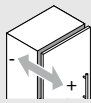
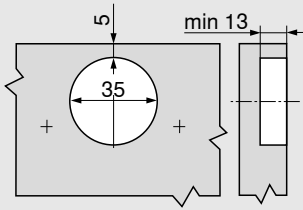
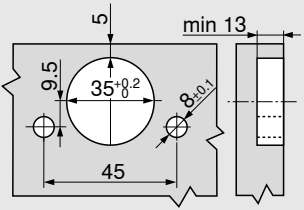
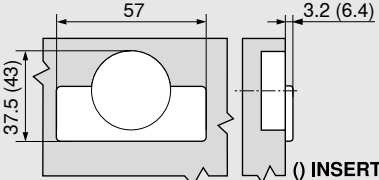
		<b>Hinge boss spacer</b>	
<b>Hinge</b>	<b>Spacing (mm)</b>		
CLIP top BLUMOTION	1.5		70T3507.21
CLIP top	1.5		70T3507.21

		<b>Chipboard screw</b>	
<b>Ø (mm)</b>	<b>Length (mm)</b>		
3.5	15		609.1500
3.5	17		609.1700

		<b>Insertion ram</b>	
<b>Colour</b>	<b>Material</b>		
Orange	Nylon		MZM.0040

		<b>Hinge arm cover cap</b>	
<b>Print/ stamp</b>	<b>Logo</b>	<b>Colour</b>	
Plain	—	NI   ONS	70.1663
Stamped	Blum	NI	70.1663.BP

Planning

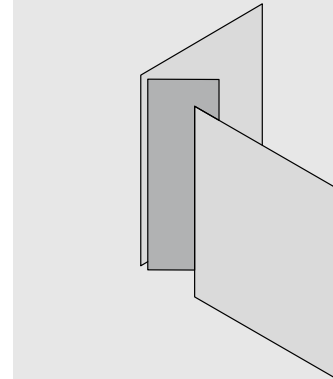
Inward opening furniture door		Hinge dimensions based on factory setting (mounting plate spacing = 0 mm)	
		F Due to the size of the door, we recommend min 2 mm gap on all four sides.	
		** We recommend fitting a door stop to the side opposite the hinges when implementing an inward opening door (to be provided by furniture manufacturer). This ensures that the door cannot be misused and opened outwards.	
		FB Front width	
Fixing position horizontal mounting plate with dimension 20/32		Fixing position cruciform mounting plate with dimension 37/32	
			
X = FU - 53.5		X = FU - 38.5	
FR = Front width - FU - 3	F Gap		
FU Front protrusion	FR Inward door projection		
Number of hinges			
<ul style="list-style-type: none"><li>Door weight up to 22 kg: 5 hinges</li><li>Door weight up to 27 kg: 6 hinges</li><li>Door weight up to 32 kg: 7 hinges</li></ul>			
Application is tested with 80.000 opening and closing cycles			
		Adjustment	
			max. $\pm 3.0$ mm See mounting plates
			+ 2.0 mm - 3.0 mm
			$\pm 2.0$ mm
Screw-on assembly		INSERTA   knock-in	
			
		Hinge boss dimensions	
			
		() INSERTA	

## Product




- COMPACT with closing mechanism (spring)
- Suitable for the construction of cabinets with inward-opening doors
- One-piece hinge including mounting plate
- For door widths up to 800 mm
- Two-dimensional front adjustment


## Application



## Ordering information

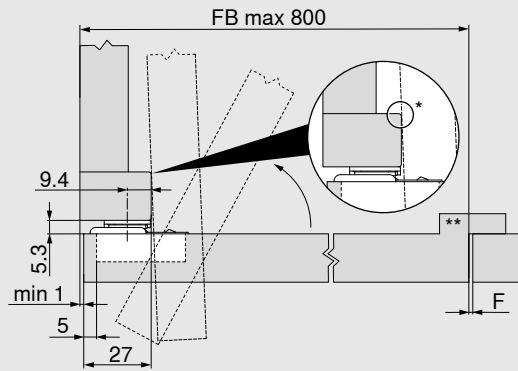
Screw-on hinge			
	<input type="checkbox"/> Screw-on		
Hinge	Spring	Colour	
COMPACT	●	NI	38B355AF22

- With spring
- NI Nickel plated

Accessories			
	<input type="checkbox"/> Chipboard screw		
Ø (mm)	Length (mm)		
3.5	15		609.1500
3.5	17		609.1700

## Planning

### Inward opening furniture door



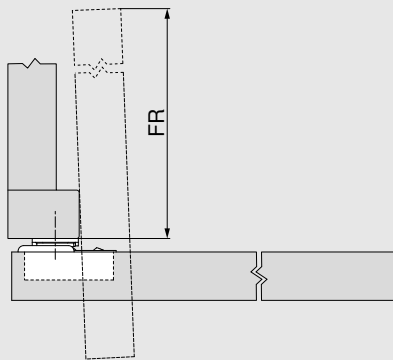
Hinge dimensions and gap calculation based on factory setting  
\* prevent collision

F Due to the size of the door, we recommend min 2 mm gap on all four sides.

\*\* A door stop must be fitted to the side opposite the hinges when implementing an inward opening door (installed by furniture manufacturer). This ensures that the door cannot be misused and opened outwards.

FB Front width

### Inward door projection



FR = Front width - 48

FR Inward door projection

### Number of hinges

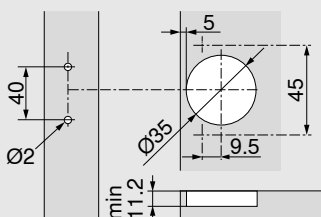
- Door weight up to 22 kg: 5 hinges
- Door weight up to 27 kg: 6 hinges
- Door weight up to 32 kg: 7 hinges

Application is tested with 80.000 opening and closing cycles

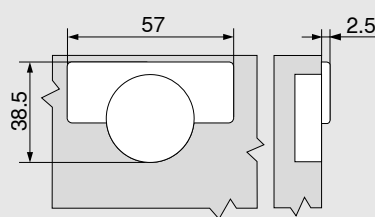
### Note

If COMPACT 38B is used in furniture that can be accessed or reached by small children, we recommend "Door opening inward with CLIP top BLUMOTION I CLIP top 110°".

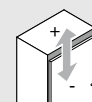
### Screw-on assembly



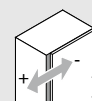
### Hinge boss dimensions



### Adjustment



max.  $\pm 2.0$  mm



$\pm 1.6$  mm

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