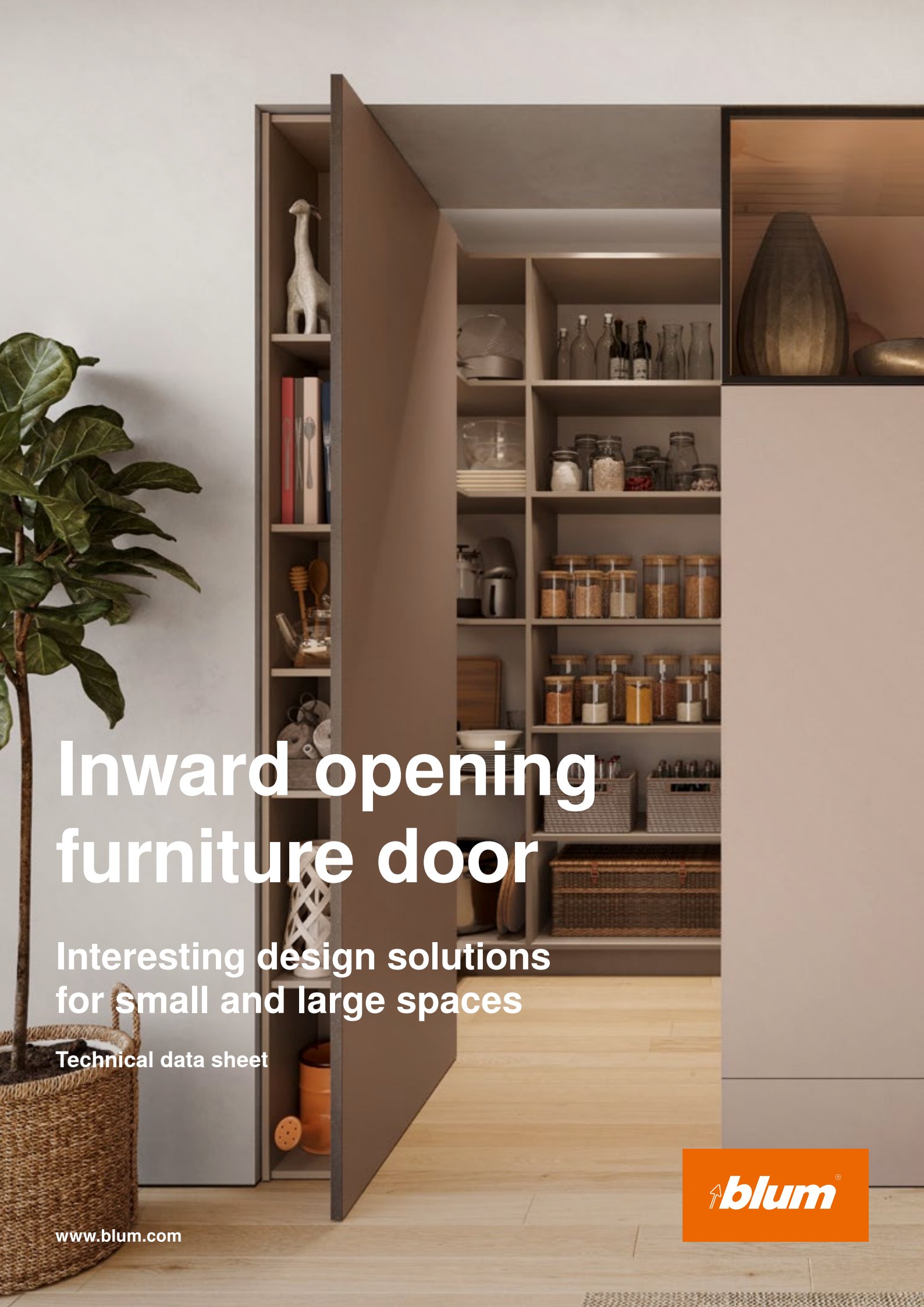




Inward opening furniture door

Interesting design solutions
for small and large spaces

Technical data sheet

www.blum.com

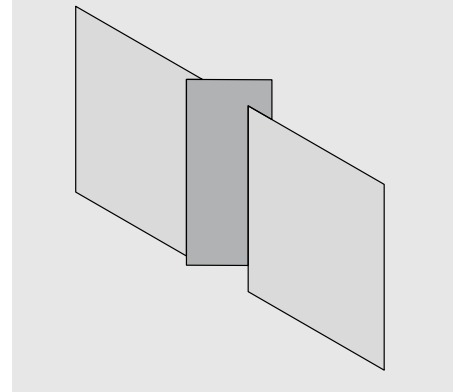
 **blum**[®]

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			
	Boss		INSERTA
	Hinge	Spring	Colour
	CLIP top BLUMOTION	●	NI ONS
	CLIP top	●	NI
	Boss		Screw-on
	Hinge	Spring	Colour
	CLIP top BLUMOTION	●	NI ONS
	CLIP top	●	NI
	Boss		Knock-in
	Hinge	Spring	Colour
	CLIP top BLUMOTION	●	NI
	CLIP top	●	NI

- With spring

NI Nickel plated
ONS Onyx black

Accessories

		Hinge boss cover cap	
Hinge	Colour		
CLIP top BLUMOTION	NI ONS		70T3504
CLIP top	NI		70T3504

		Hinge boss spacer	
Hinge	Spacing (mm)		
CLIP top BLUMOTION	1.5		70T3507.21
CLIP top	1.5		70T3507.21

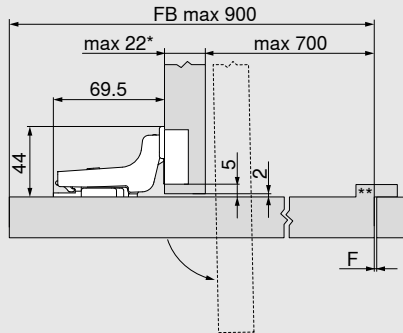
		Chipboard screw	
Ø (mm)	Length (mm)		
3.5	15		609.1500
3.5	17		609.1700

		Insertion ram	
Colour	Material		
Orange	Nylon		MZM.0040

		Hinge arm cover cap	
Print/ stamp	Logo	Colour	
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)

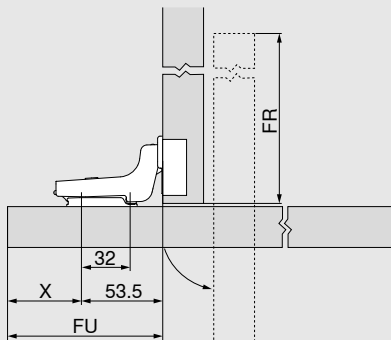
F Due to the size of the door, we recommend min 2 mm gap on all four sides.

***** This application can be implemented with CLIP top BLUMOTION/CLIP top 95° profile/thick door hinges for inset application (max. 26 mm) or with CLIP top BLUMOTION/CLIP top 107° hinges for inset application (max. 20 mm).

****** 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



$$X = FU - 53.5$$

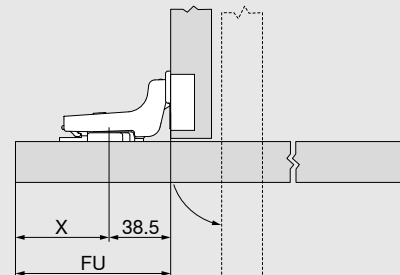
FR = Front width - FU - 3

F Gap

FU Front protrusion

FR Inward door projection

Fixing position cruciform mounting plate with dimension 37/32



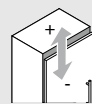
$$X = FU - 38.5$$

Number of hinges

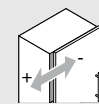
- Door weight up to 22 kg: 5 hinges
- Door weight up to 27 kg: 6 hinges
- Door weight up to 32 kg: 7 hinges

Application is tested with 80.000 opening and closing cycles

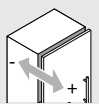
Adjustment



max. ± 3.0 mm
See mounting plates

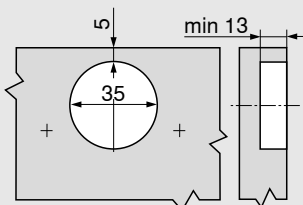


+ 2.0 mm
– 3.0 mm

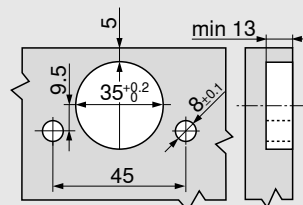


± 2.0 mm

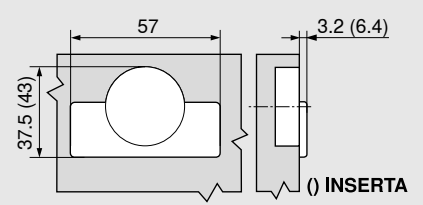
Screw-on assembly



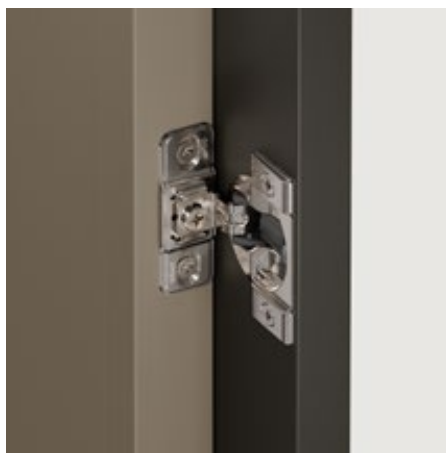
INSERTA | knock-in



Hinge boss dimensions

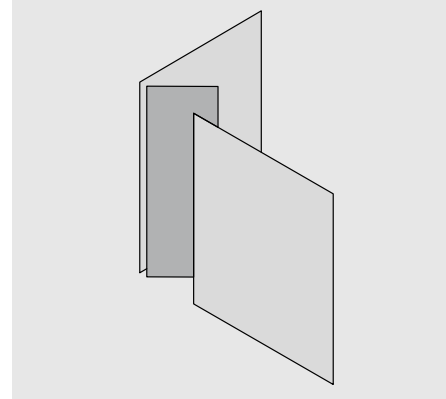


Product



- COMPACT BLUMOTION with integrated BLUMOTION soft-close mechanism
- 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			
	☐ Screw-on		
Hinge	Spring	Colour	
COMPACT BLUMOTION	●	NI	38B355BF22

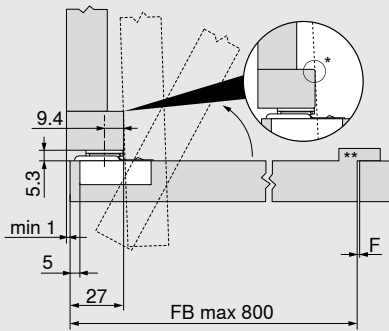
- With spring

NI Nickel plated

Accessories		
	☐ Chipboard screw	
Ø (mm)	Length (mm)	
3.5	15	609.1500
3.5	17	609.1700

Planning

Inward opening furniture door



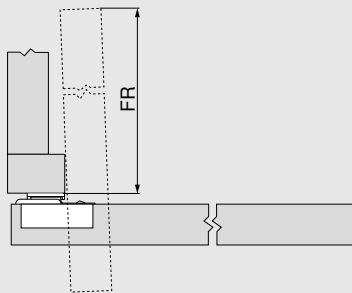
Hinge dimensions and gap calculation based on factory setting
* prevent collision

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

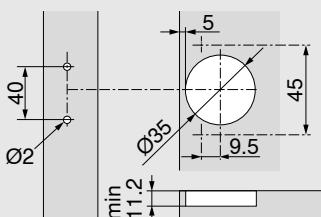
- Door weight up to 22 kg: 5 hinges
- Door weight up to 27 kg: 6 hinges
- Door weight up to 32 kg: 7 hinges

Application is tested with 80.000 opening and closing cycles

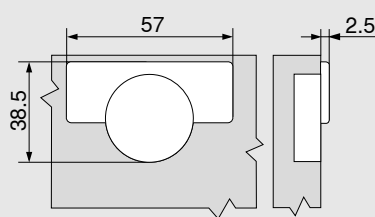
Note

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°".

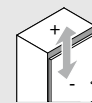
Screw-on assembly



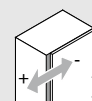
Hinge boss dimensions



Adjustment



max. ± 2.0 mm



± 1.6 mm



12

production plants in
Austria, Poland, the USA,
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More than

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subsidiaries and
representative offices



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euros



Blum produces lift, hinge,
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furniture – complemented by
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and end consumers.



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