

Nothing less than everything: AVENTOS HKi

Technical data sheet



www.blum.com

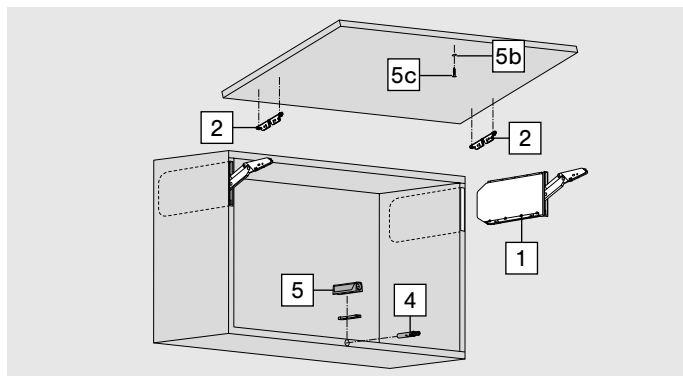
 **blum**[®]



- Cabinet height 162–600 mm
- Cabinet width up to 1800 mm
- Cabinet side panel thickness of 16–25 mm
- Blends discreetly into tall units and wall cabinets
- Available fully integrated and semi-integrated
- Soft and effortless closing, thanks to BLUMOTION
- TIP-ON for handle-less stay lifts, for drilling or in combination with adapter plates
- Light operating forces
- The greatest possible functionality in compact spaces
- Harmonious quality of motion with a variable stop
- Integrated safety mechanism
- Easy to install
- 3-dimensional front adjustment
- Convenient, infinitely variable adjustment of the lift mechanism
- Integrated infinitely variable opening angle stop
- No hinges required

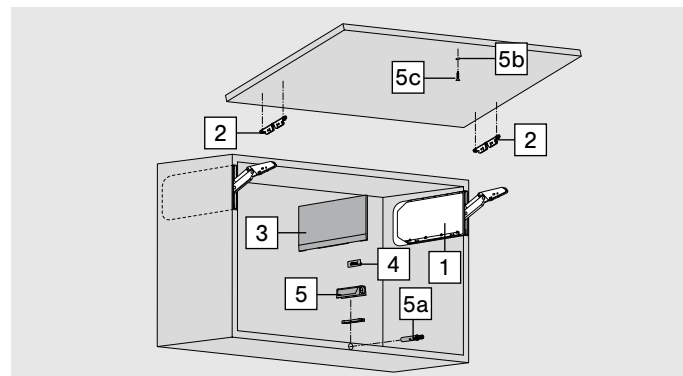
Ordering information

Fully integrated lift mechanism installation



1	Lift mechanism set		
	LF	OW	
	420–1610	107°	24K2300
	930–2800	107°	24K2500
	1730–5200	107°	24K2700
	2600–7800	107°	24K2800
Consisting of:			
2 x	Symmetrical lift mechanism in onyx black		
LF	Power factor		
OW	Opening angle (infinitely variable adjustment)		
Note: Max. front weight 18 kg with two lift mechanisms!			

Semi-integrated lift mechanism installation



1	Lift mechanism set for TIP-ON		
	LF	OW	
	420–1610	107°	24K2300T
	930–2800	107°	24K2500T
	1730–5200	107°	24K2700T
	2600–7800	107°	24K2800T
Consisting of:			
2 x	Symmetrical lift mechanism in onyx black		



Power factor (LF) = cabinet height (KH) [mm] x front weight incl. double handle weight [kg]

Using the power factor, you can calculate the number of required lift mechanisms. The power factor required depends on the weight of the front (incl. double the handle weight) and cabinet height. When using a third lift mechanism (a power factor increase of up to 50%), we recommend a trial application.

Note: We recommend an additional lift mechanism attached to the centre panel for wide cabinets. The reason for this is to prevent the front from sagging when open. A trial application is recommended when you are in a borderline area of the individual lift mechanism!

2	Symmetrical front fixing bracket		
	Colour		
	Onyx black		
	Fixing method		
	EXPANDO 5 mm	2 x	24K42E1
	Version		
	Narrow and wide alu frames	2 x	24K4201A

5	TIP-ON Set		
	For drilling	Material	Colour
		Nylon	SW, CS
	Version		
	Cabinet height KH (mm)		
	Short version	Up to 600	956.1004
Consisting of:			
5a	1 x	TIP-ON	
5b	1 x	Screw-on catch plate	
5c	1 x	Chipboard screw 609.1500	
-	1 x	Glue-on catch plate	

3	Cover cap set		
	Material	Colour	
	Nylon	HGR, SW, TGR	24K8000
	Branding element stamped with Blum logo in in-mould brushed stainless steel ABD.1009.BT pre-mounted		
	Required for the semi-integrated lift mechanism installation only		

Optional

4	Branding element		
	Material		
	Nylon		
	MOQ		
	Customised, printed branding element	From 1000pcs.	
	Customised, embossed branding element	From 5000pcs.	

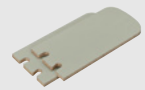
6	Adapter plate		
	Screw-on	Material	
		Nylon	
	Straight adapter plate		
	Version	Colour	
	Short version	SW, CS	956.1201
Assemble using Ø 3.5 mm or Ø 4 mm chipboard screws. TIP-ON must be ordered separately.			

Ordering information

Accessories

MINIMILL	
	For fully integrated lift mechanism installation with side panel thicknesses of 16–25 mm
	The MINIMILL is not a stocked item in Blum Australia and is available as a special order only, contact Blum Australia customer service for more information.
Consisting of:	
1 x	MINIMILL
2 x	Chain
Optional for MINIMILL	
	Chain
	Extension ruler
Colour	
HGR	Light grey
SW	Silk white
TGR	Dark grey
CS	Carbon black
IN-G	In-mould brushed stainless steel

Optional

Raw boards set, pre-milled	
	2x MDF raw boards 600 x 450 x 19 mm moisture resistant including spacers
	Full integration 24K7100
Flush milling cutter 4mm	
	To expose the central recess after facings have been applied to the raw board
	Full integration M45.ZF04
Routing template set	
	Routing template for lift mechanism, routing template for insert panel, base plate
	Full and semi-integration 65.5840
Copy milling cutter 19 mm	
	Ideal in combination with routing templates set
	Full and semi-integration M45.ZF19
	Cutting insert set for copy router
	10x cutting inserts M34.ZW50
Spacer set	
	2 pcs, as transport and assembly protection
	Full integration M45.1010

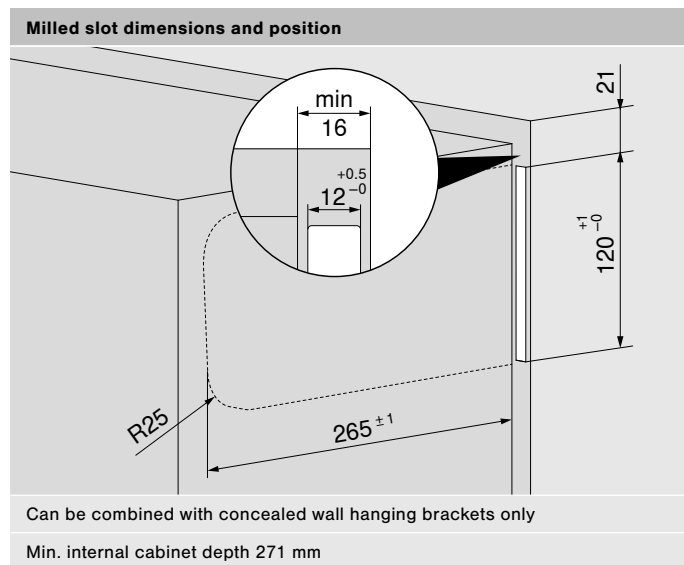
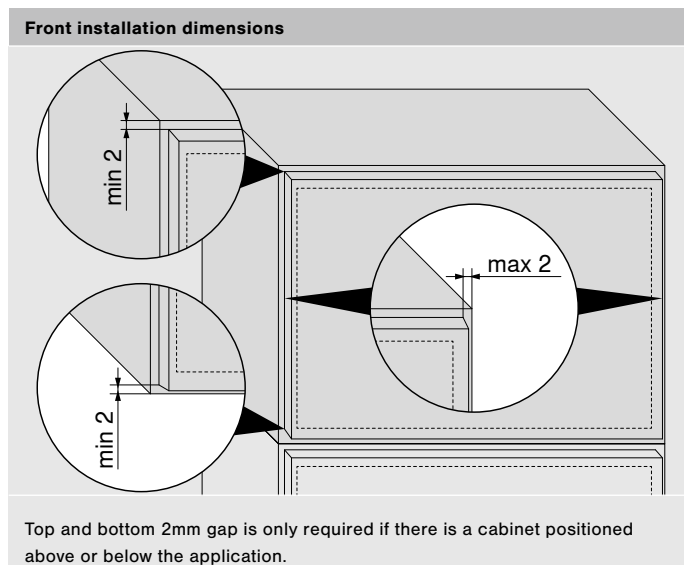


Our Product Configurator makes it easy for you to choose your products.

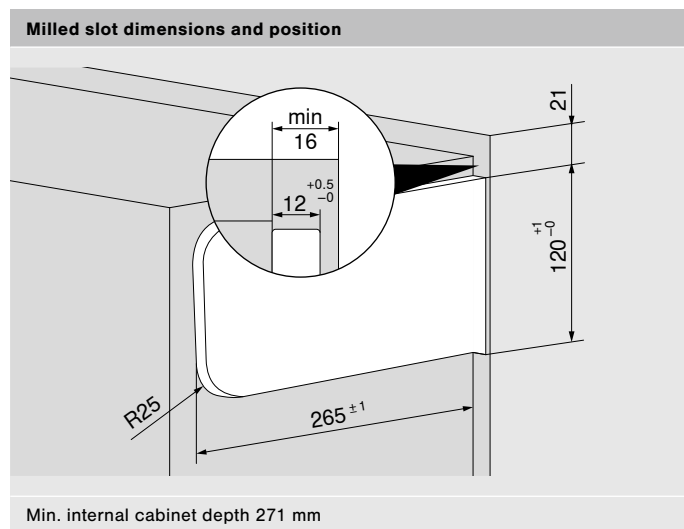
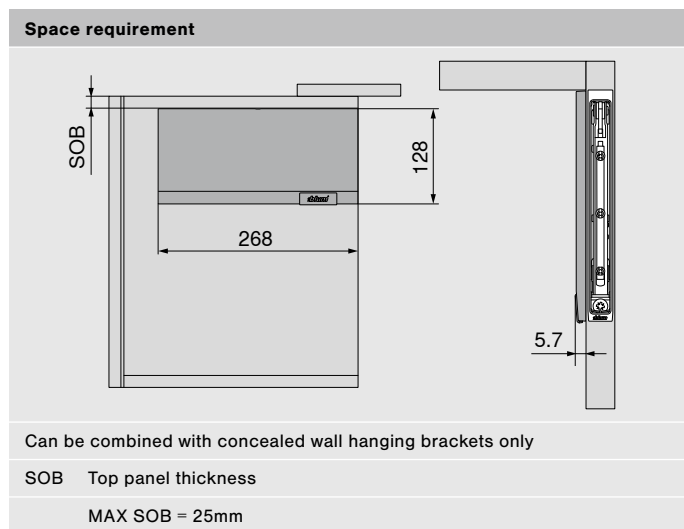
www.blum.com/configurator

Planning

Fully integrated lift mechanism installation



Semi-integrated lift mechanism installation



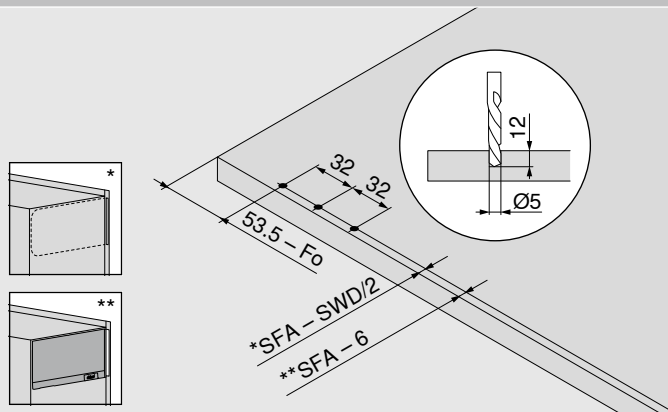
Configure AVENTOS HKi in the
Cabinet Configurator with just a few clicks.

blum.com/cabinetconfig

Planning

Front assembly

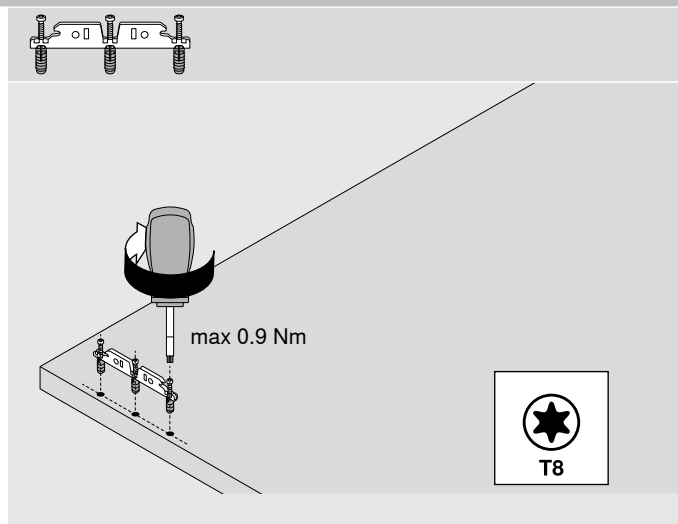
Wooden fronts



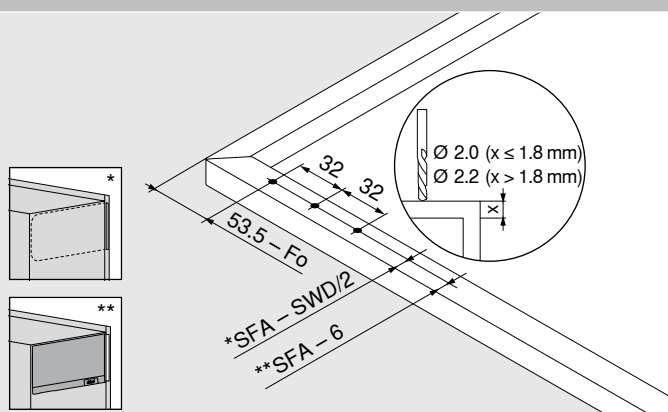
Fo Top gap

SFA Side front overlay

SWD Cabinet side panel thickness



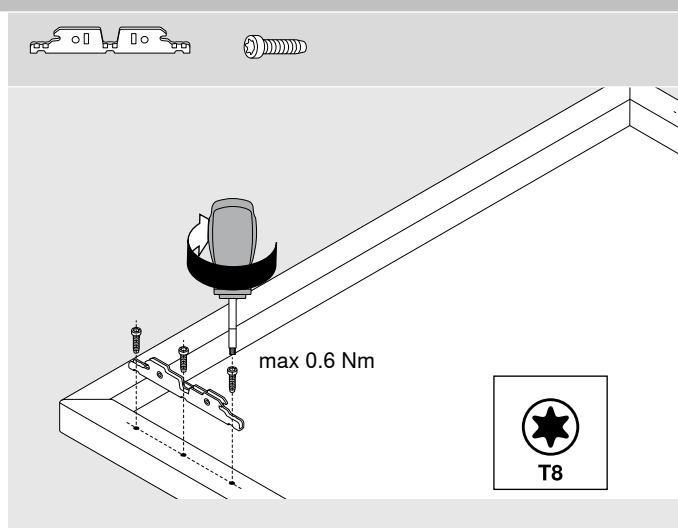
Width and narrow alu frames



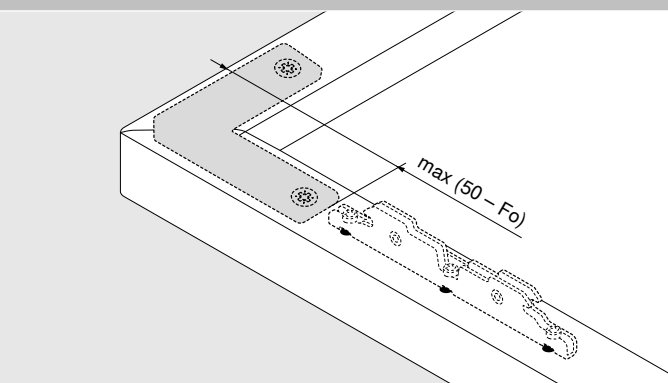
Fo Top gap

SFA Side front overlay

SWD Cabinet side panel thickness



Corner connector for narrow and wide alu frames

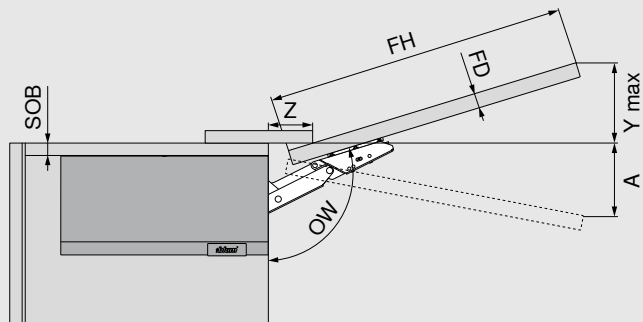


Fo Top gap

Planning

Space requirement

Space requirement – Cornice | Crown moulding



Space requirement (mm)

At max. opening angle

$$Y \max = FH \times 0.29 - 32 + FD$$

$$A = FH \times 0.26 + 28 - FD \text{ with opening angle stop}$$

FD (mm)	16	18	19	20	22	26
Z (mm)	70	63	59	57	49	35

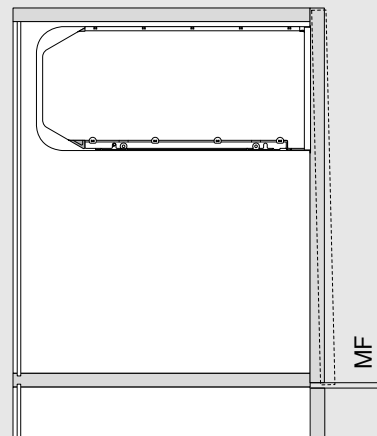
SOB Top panel thickness

FD Front thickness

FH Front height

OW Opening angle

Minimum gap



Minimum gap MF is 2mm if there is another cabinet below



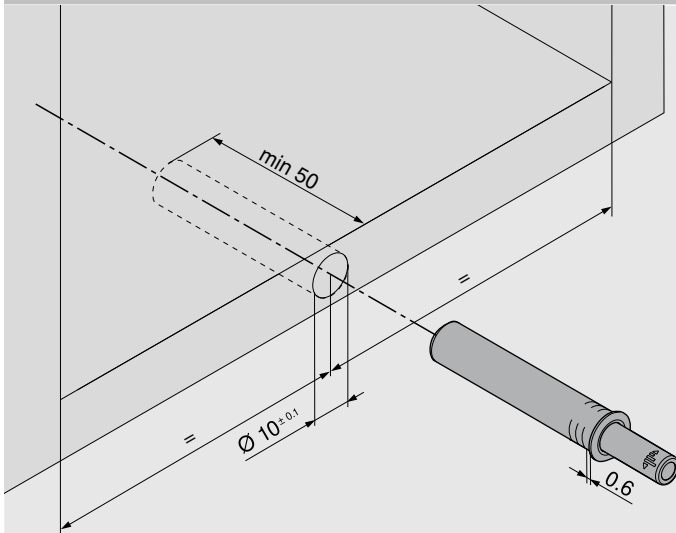
Our EASY ASSEMBLY app provides all the information you need for quick and easy installation and adjustment

www.blum.com/eaapp

TIP-ON

Planning

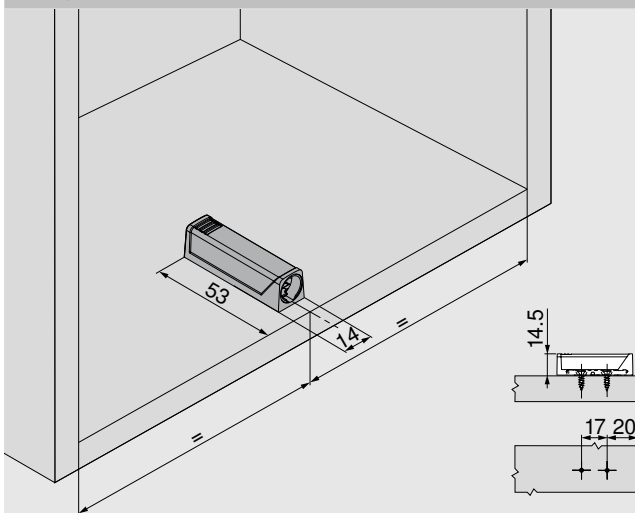
TIP-ON for drilling fixing position



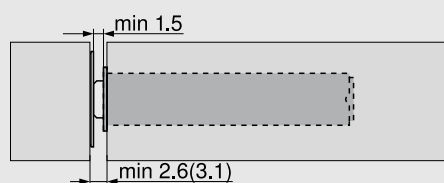
For stay lifts up to and including a height of 600 mm

TIP-ON adapter plate fixing position

Straight adapter plate – short version



Installation dimensions for front gap



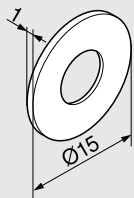
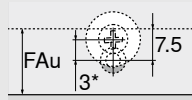
min. 2.6 mm with glue-on catch plate

() min. 3.1 mm with screw-on catch plate

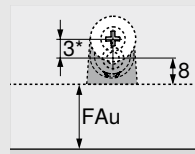
TIP-ON

Installation dimension catch plate

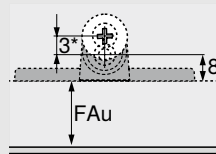
Screw-on catch plate



For drilling



Straight adapter plate

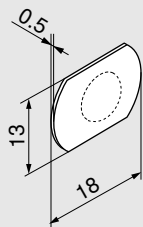
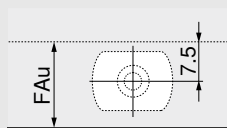


Cruciform adapter plate

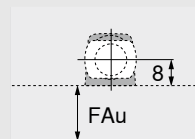
* We recommend off-setting the positioning of TIP-ON by 3 mm for the screw-on catch plate.

FAu Bottom front overlay

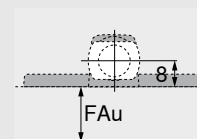
Glue-on catch plate



Glue-on



Straight adapter plate

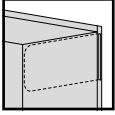
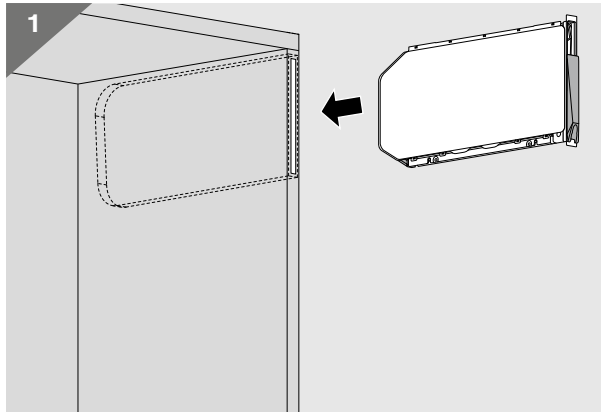
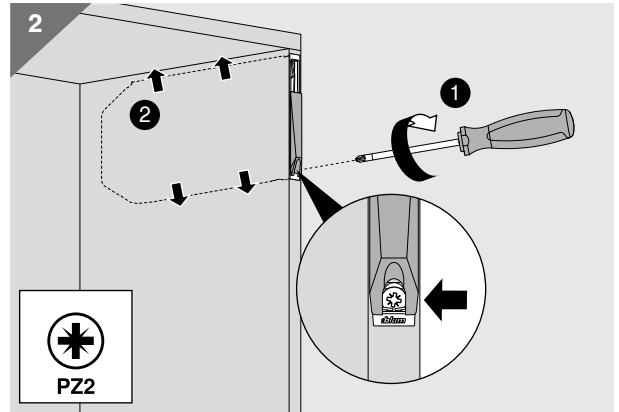


Cruciform adapter plate

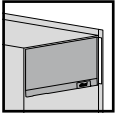
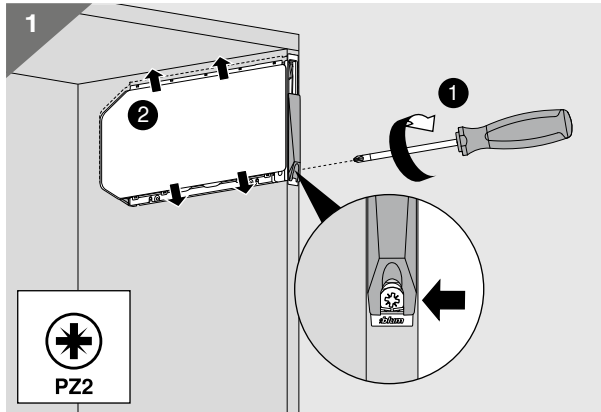
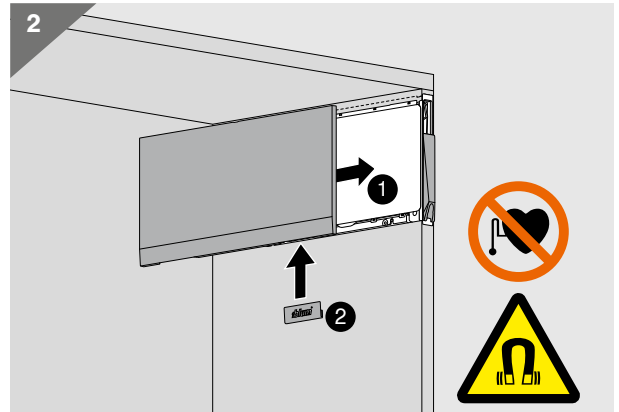
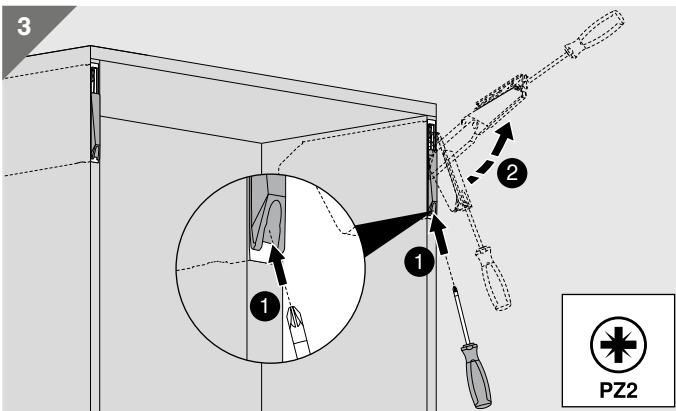
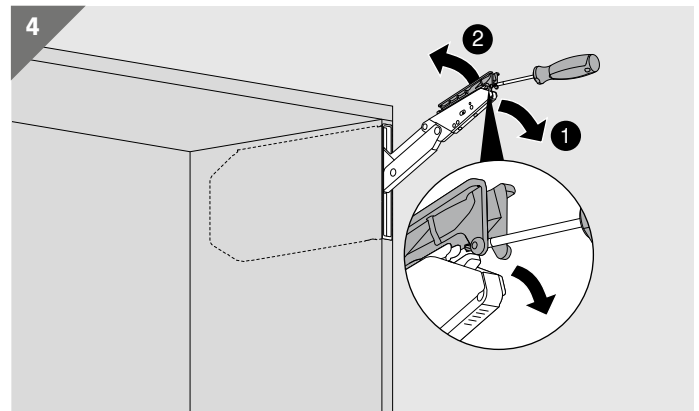
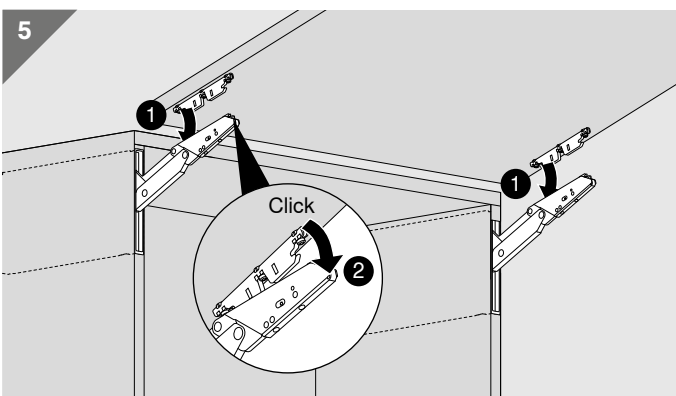
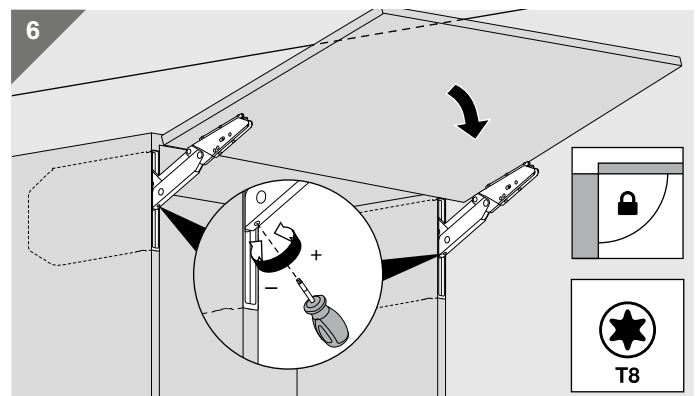
FAu Bottom front overlay

Assembly

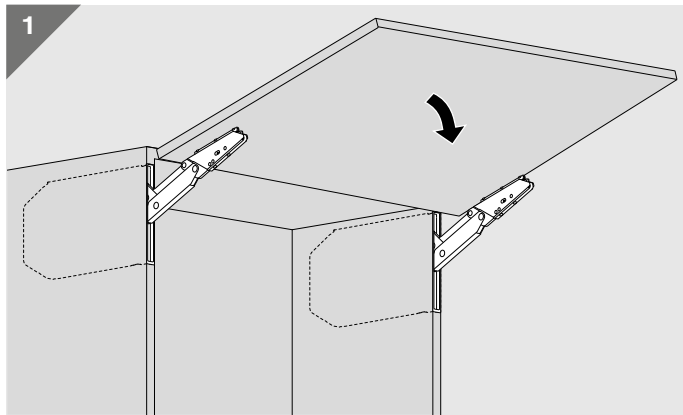
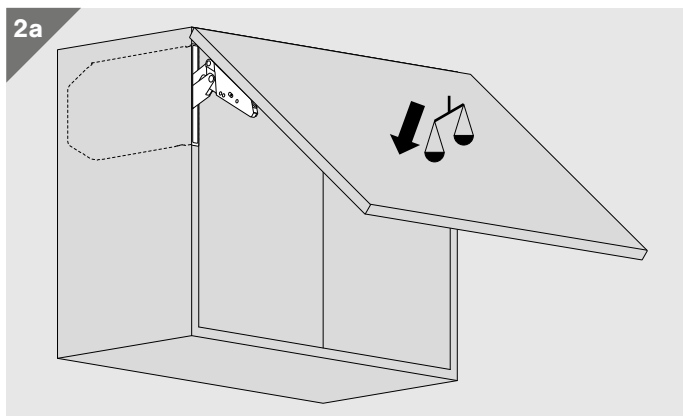
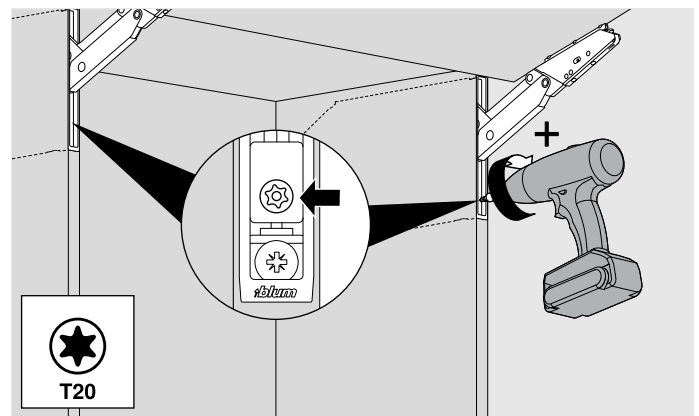
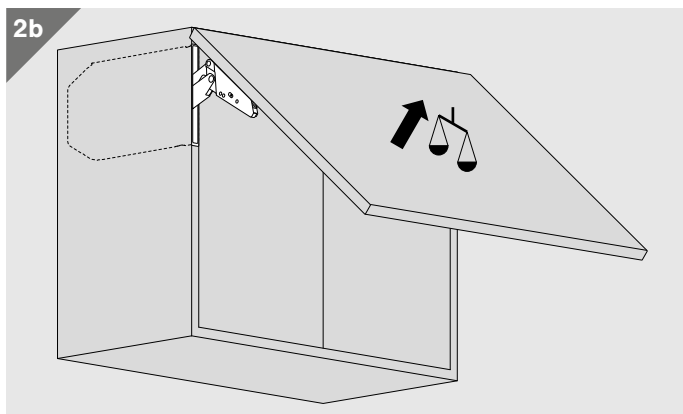
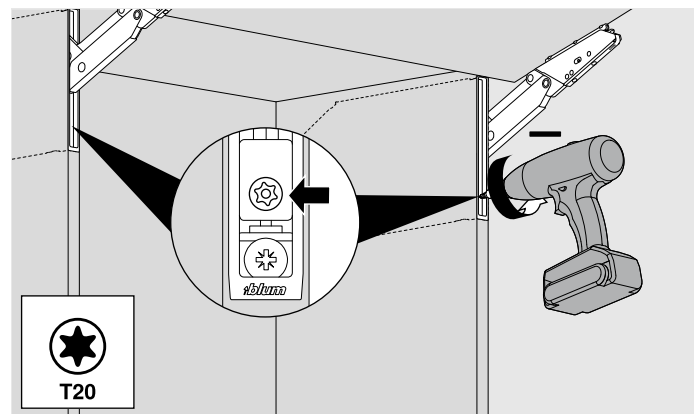
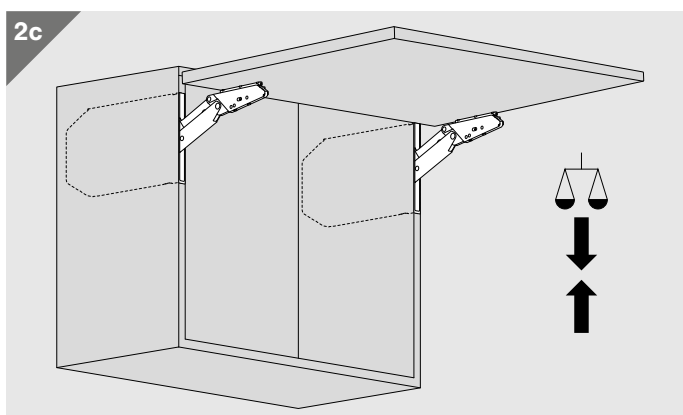
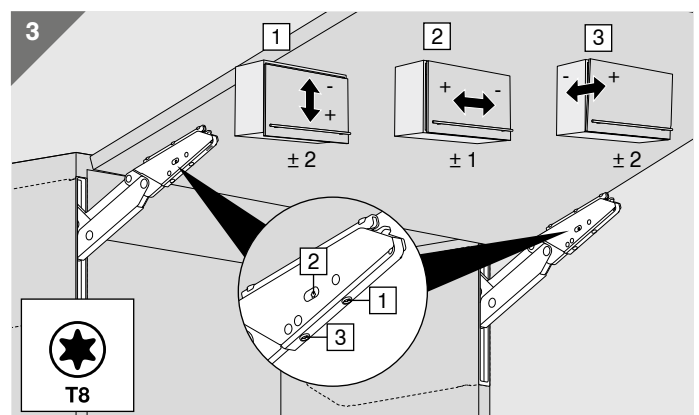
Fully integrated



Semi-integrated

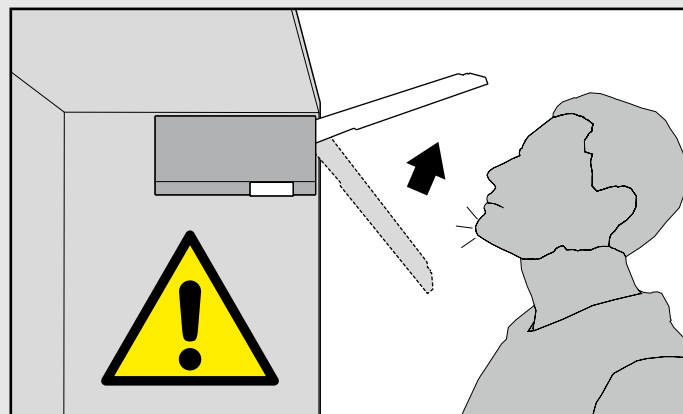


Adjustment



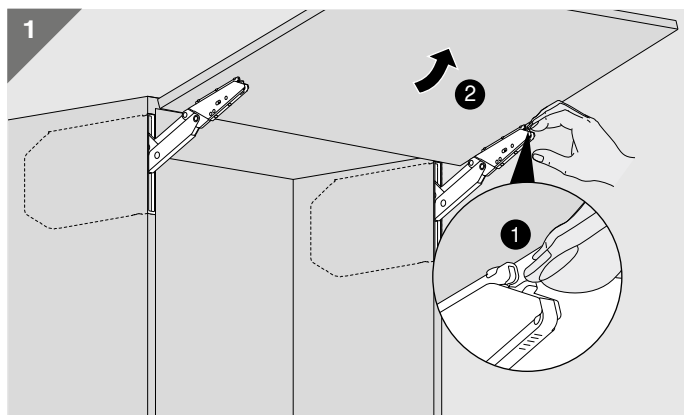
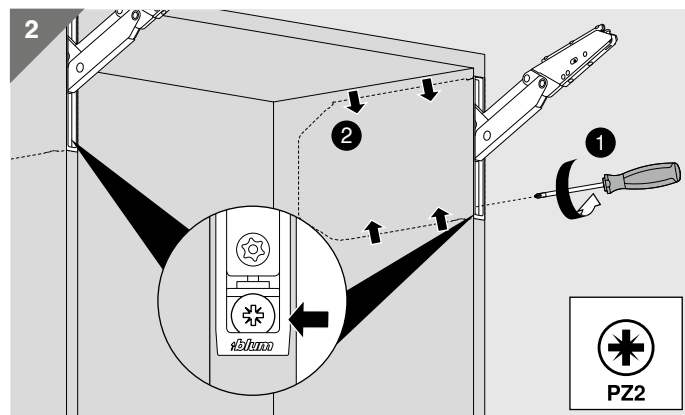
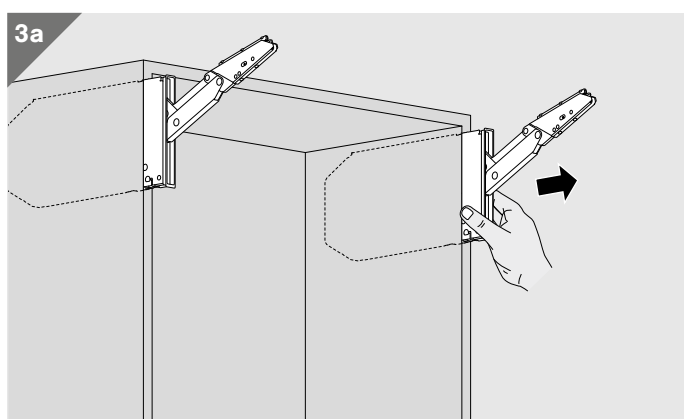
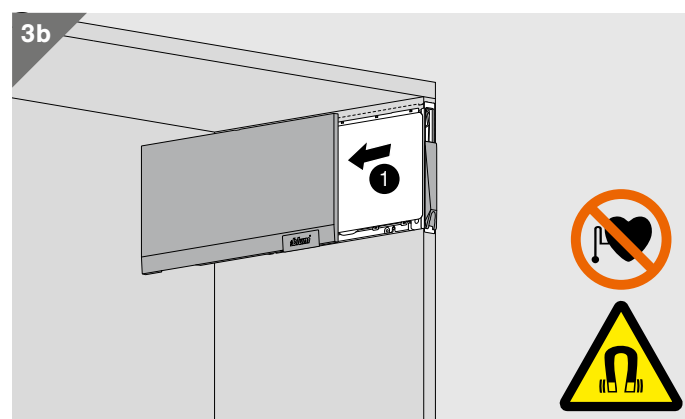


WARNUNG | WARNING | AVERTISSEMENT | AVVERTENZA |
ADVERTENCIA | OSTRZEŻENIE | ⚠️ | 警告



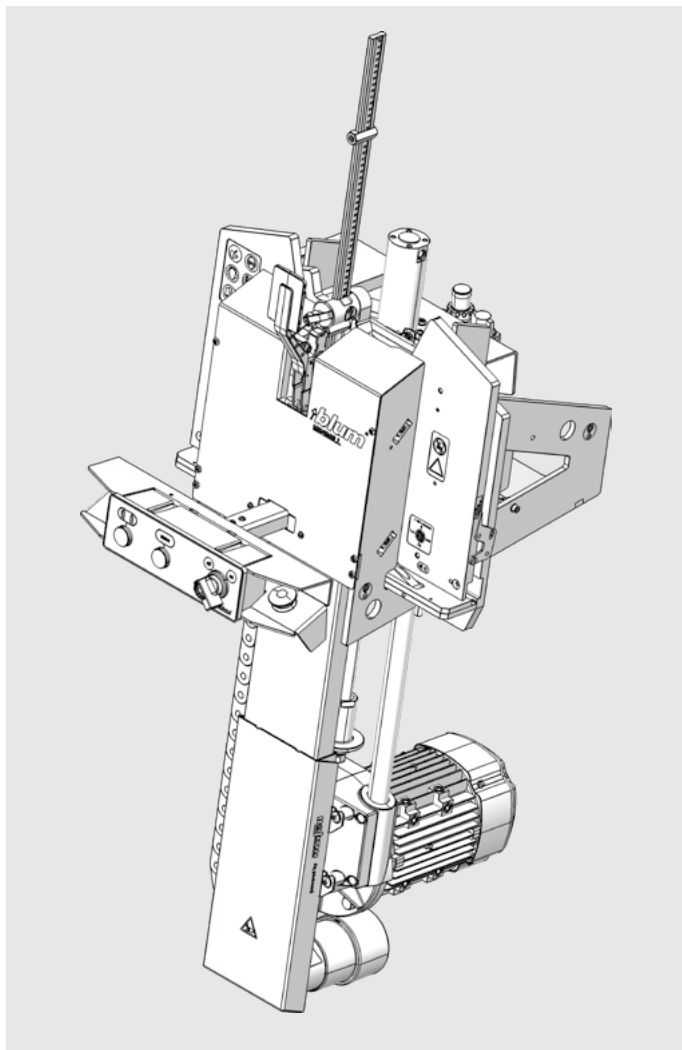
AR	لا تغلق ذراع الرافعة!	هناك خطورة عندما يتحرك ذراع الرافعة ربما يحدث إصابة
BG	⚠️	⚠️
CS	Nenapínejte rameno.	Nebezpečí zranění z důvodu vystřelujícího teleskopu!
DA	Sæt ikke løftearmen i spænd.	Risiko for at komme til skade ved opsvingning af løftestang!
DE	Hebel nicht spannen.	Verletzungsgefahr durch hochspringenden Hebel!
EL	⚠️	⚠️
EN	Do not close the lever arm!	Risk of injury by spring-loaded lever assembly!
ES	No empulgar el brazo.	Peligro de lesión por elevación de la palanca.
ET	Ära suru hooba alla!	Ettevaatust – vinnastatud hoob liigub ülesse.
FI	Älä sulje vartta.	Loukkaantumisvaara – varsi voi ponnahtaa ylös!
FR	Ne pas armer le bras.	Risque de blessure par la remontée rapide des bras !
HR	Polugu ne povlačiti prema dolje.	Opasnost od ozljeda uslijed teleskopske poluge koja iskače !
HU	A kart nem szabad megfeszíteni.	Sérülésveszély a felugró emelőkar által!
IT	Non tendere la leva verso il basso.	Rischio di ferimento in caso di scatto della leva verso l'alto!
HE	⚠️	זרוע ההרמה עלולה לקפוץ כלפי מעלה ולגרור לפציעה.
JA	アームを押し下げないでください。	アームが跳ね上がって重傷を負う可能性があります。
LT	Nenuleiskite svertų!	Traumos rizika montuojant mechanizmą svertą!
LV	Nelietojiet piestiprinātu sviru!	Iespējams gūt traumas ar atsperto atbalsta sviru!
NL	Arm niet onder spanning zetten.	Risico tot kwetsuren door omhoogverende hefboom!
NO	Ikke spenn løftearmen!	Fare for skade ! Kraftig fjærpakke!
PL	Nie opuszczać podnośnika.	Niebezpieczeństwo zranienia przez gwałtownie unoszący się podnośnik!
PT	Não tensionar a alavanca.	Perigo de ferimento, devido ao brusco salto da alavanca
RO	Nu trageți de pârghie!	Pericol de rănire prin pârghia aflată sub tensiunea produsă de arcuri!
RU	⚠️	⚠️
SK	Rameno nenapínajte.	Nebezpečenstvo poranenia vyskočením ramena!
SL	Ne zapirajte ročice !	Nevarnost poškodbe pri montaži dviznega vzvoda.
SR	Ne natezati polugu.	Opasnost od povreda zbog teleskopske poluge koja iskače !
SV	Stäng inte lyftarmen!	Skaderisk vid obelastad lyftarm!
TR	Kolu germeyin.	Kolun yukarı fırlaması durumunda yaralanma tehlikesi!
UK	⚠️	⚠️
ZH		

Removal



MINIMILL (for fully integrated option only)

Technical data



- For fully integrated application
- Cabinet side panel thickness of 16–25 mm
- Incl. chain and spare chain
- Plug: CEE plug, 5-pin, 16A, 400 V
- Air pressure: 5–7 bar



MINIMILL video
www.blum.com/mimivid



Information on
 MINIMILL operation:
www.blum.com/minba

Dimensions / weight

height	1530 mm
width	550 mm
Depth	770 mm
Weight	99 kg

Electrical energy

Voltage	3P/N/PE AC 400V
Performance	2,6 kW
backup fuse	16 A
Plug	CEE plug, 5-pin, 16 A, 400V

Pneumatic energy

Air pressure	5–7 bar
Air consumption	1.5 litres per cycle

Work piece

Materials	Wood
cabinet depth	min. 290 mm to max. 700 mm
Cabinet side panel thickness	16–25 mm

 **Instagram:**
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 **Facebook:**
facebook.com/blumaustralia

 **LinkedIn:**
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 **TikTok:**
tiktok.com/@blumaustralia

 **Pinterest:**
pinterest.com/blumaustralia/

 **Android App on Google Play:**
Easy Assembly App

 **Available on the App Store:**
Easy Assembly App

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