



AVENTOS HK top

Beautifully functional

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Small lift system, packed with functionality

An eye for detail and another on the big picture – that's what is needed to develop a lift system that is not only compact in design but also impresses with even more functionality. That is exactly what makes AVENTOS HK top the perfect solution for furniture where every detail counts.



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Compact: the design

AVENTOS HK top blends discreetly into overhead cabinets, placing an even greater focus on the design of the furniture. AVENTOS HK top has already won several awards, thanks to its small installation size and minimalist design.

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Small installation size

The size of AVENTOS HK top makes it ideal for small overhead cabinets. This compact yet powerful fitting is even suitable for large overhead wall cabinets.

Minimalist cover cap

Straight lines, harmonious proportions, smooth surfaces – the cover cap has an impressive, minimalistic design.

Three colour variants

Light grey, silk white or dark grey. The colour of the cover cap is selected to match the respective piece of furniture and can either blend in stylishly or add a deliberate contrast.



Integrated: the function

For the greatest possible functionality in the smallest space, every single component of the AVENTOS HK top has been optimised down to the last detail. The interplay of the sophisticated technology can even be felt, with lift systems opening noticeably more easily and closing silently and effortlessly.

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Integrated opening angle stop

The opening angle stop is already integrated with AVENTOS HK top. The distance the front should open is variable and can be set exactly as required.



Integrated safety solution

An innovative mechanism prevents the lever arm from folding out unintentionally. This helps to ensure safe installation.



Variable stop

Adjust the lift mechanism precisely to the weight of the front and the stay lift remains exactly where you want it to, meaning it is always easy to reach.

Minimal opening forces

With AVENTOS HK top, regardless of the weight of the front, only minimal and uniform opening forces are required. This makes for high usability – even with large, heavy fronts.

Optimised: the assembly

With the AVENTOS HK top, particular value has been placed on simple and precise installation and assembly. Choose between two symmetrical lift mechanism types – and two types of assembly. Thanks to the new assembly position, the drill holes are identical for every application and cabinet height.

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Further information about assembly.



www.blum.com/eaapp

Assembly with pre-mounted system screws

With two symmetrical system screws and two pegs, this type of lift mechanism can be installed on the loose cabinet side. Four drill holes in the 32 mm system is all that is required for this.

Lift mechanism with positioning template

This type of lift mechanism enables precise installation in the cabinet using the cabinet top panel and front edge. No pre-drilling is necessary.



Adjustment using TORX screws

AVENTOS HK top is based on using TORX technology. This provides optimum support for precise and easy adjustment.



Lift mechanism adjustment from the front

Lift mechanism adjustment can be carried out from the front without having to remove the cover cap. This means the lift system will stop in any desired position.

For overhead cabinets that are easy to use

The functionality of AVENTOS HK top is even greater when combined with a motion technology. Whether handle-less or including handles as a design element – with the right support you can make opening and closing overhead cabinets even easier for your customers.

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SERVO-DRIVE

by Blum

Electrical opening and soft close

Lift systems open at a single touch with SERVO-DRIVE and close automatically at the press of a switch with integrated soft close.

BLUMOTION

by Blum

Soft close

With BLUMOTION, the lift system always closes silently and effortlessly, regardless of the weight of the front or the closing force.

TIP-ON

by Blum

Mechanical opening

A single touch on the front releases the lift system so that you can open it upwards with ease. To close, simply press shut.



SERVO-DRIVE for supreme user convenience

AVENTOS HK top can also be combined with the SERVO-DRIVE electrical motion support system. Fronts open at a single touch and close at the press of a switch. What is more, the lift system still impresses with its small installation size despite the addition of a drive. Functionality at its best!



Easy drive unit fixing


After installing the lift system, attach the drive unit to the lift mechanism. It is simply clipped on without tools.



Assisted start-up


Colour signals on the drive unit and wireless switch take you through start-up step by step and confirm that settings are correct.






Different installation situations

Thanks to its reduced installation size, the AVENTOS HK top blends perfectly into the cabinet, e.g. above the refrigerator.



For thin fronts measuring 8 mm and above

Thin fronts are easily implemented with AVENTOS HK top – combined with a new type of fixing system EXPANDO T, which can be used with lift systems.



Fronts with wide and narrow alu frames

AVENTOS HK top allows you to implement a range of front designs. Whether you prefer fronts made from wood or with aluminium frames, there are no limits when it comes to the selection of front materials.



**For varied applications:
in the kitchen**

While AVENTOS HK top blends in discreetly from a visual perspective, it makes a statement with its impressive performance. With wide overhead cabinets it fulfils a particular design demand: a uniform gap layout for the entire kitchen.



For varied applications: in all living areas

Furniture makes more of an impact the more it expresses a personal style. AVENTOS HK top offers many opportunities for creating a space that's even more individual.

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For door thicknesses up to 30 mm

With AVENTOS HK top, even thick wooden fronts are easy to install and just as easy to use. Regardless of the front weight, opening is very easy.



Distinctive style in cabinet interior

With a cover cap in the corresponding colour variant, the lift system can either blend seamlessly into the cabinet inner side or add a deliberate contrast.



Unrestricted range of motion

The front opens out from the working area and stops in any position, so it can be left open while the kitchen is being used. This makes the cabinet contents easy to access at all times.



Ample storage space

The design of overhead cabinets with lift systems is completely flexible in terms of height and width, in line with any storage space requirement or adapted to match the gap layout in the base cabinet.



Top quality motion

Fronts open with a feather-light glide. Lift systems can be equipped with a mechanical or electrical opening support system as desired. Soft close is already integrated in BLUMOTION and SERVO-DRIVE.



For easy access

Our global kitchen observations confirm time and again that lift systems in overhead cabinets are a real bonus, especially in the kitchen. In order to implement high-quality furniture with enhanced ease of use for your customers, we are constantly conducting research and broadening our range of fittings according to customer requirements.



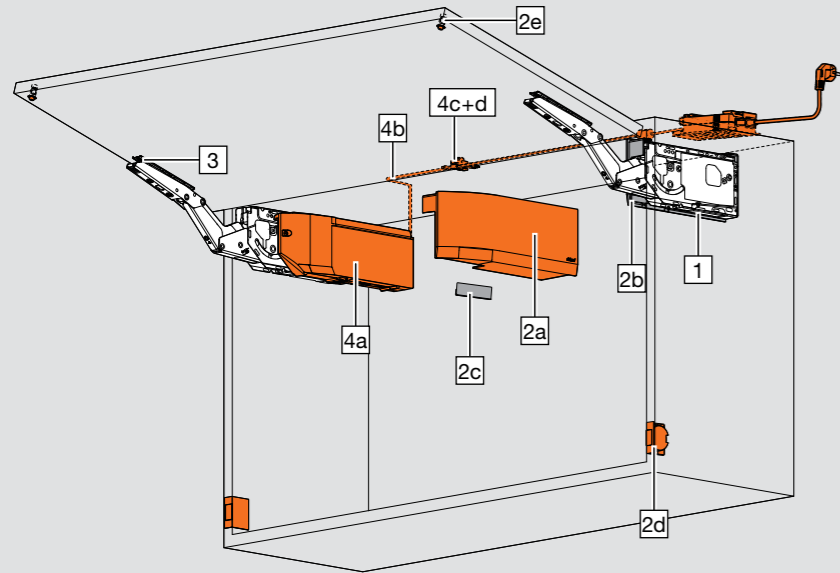
AVENTOS range

The right lift system for any application.



> *You use the front weight and cabinet height to calculate the power factor of the lift mechanism. We would be happy to assist you with your product selection at www.blum.com/configurator

	Motion	Typical applications	Indication of front weight*	Possible fronts	Possible cabinet dimensions in mm	Minimum depth	Complete fitting or with hinges	Special installation or assembly	Available motion technology	Cover cap
HF		Wall cabinet, top, two-part fronts		Alu fronts, wood/glass combination, asymmetrical fronts	Height 480–1040 Width up to 1800	278	Hinges on cabinet top panel required + connection of fronts	CLIP assembly Cabinet top panel assembly 3 lift mechanism types (symmetrical) 4 telescopic arms (symmetrical)	 	<input type="radio"/> Silk white <input type="radio"/> Light grey <input checked="" type="radio"/> Dark grey
HS		Wall cabinet (if space), large, one-part fronts, with cornices and crown moulding		Thin fronts, alu frames, wooden front	Height 350–800 Width up to 1800	276	No hinges required	CLIP assembly Cross stabiliser 9 lift mechanism types (symmetrical) 1 lever arm	 	<input type="radio"/> Silk white <input type="radio"/> Light grey <input checked="" type="radio"/> Dark grey
HL		Wall cabinet, tall cabinet (if space) within reaching height, devices behind, fronts above		Thin fronts, wooden, wide/narrow alu frame fronts	Height 300–580 Width up to 1800	278	No hinges required	CLIP assembly Cross stabiliser 5 lift mechanism types (symmetrical) 4 lever arms	 	<input type="radio"/> Silk white <input type="radio"/> Light grey <input checked="" type="radio"/> Dark grey
HK top		Wall cabinet, tall cabinet, above fridge, pull-out pantry, oven		Thin fronts, wooden, wide/narrow alu frame fronts	Height 205–600 Width up to 1800	187	No hinges required	CLIP assembly, 4 lift mechanism types (symmetrical), lift mechanism adjustment from the front, integrated safety solution and opening angle stop	 	<input type="radio"/> Silk white <input type="radio"/> Light grey <input checked="" type="radio"/> Dark grey
HK		Wall cabinet, tall cabinet, above fridge, pull-out pantry, oven		Thin fronts, wooden, wide/narrow alu frame fronts	Height 205–600 Width up to 1800	207	No hinges required	CLIP assembly 4 lift mechanism types (symmetrical)		<input type="radio"/> Silk white <input type="radio"/> Light grey
HK-S		Wall cabinet, tall cabinet, above fridge, pull-out pantry, oven		Wooden, wide/narrow alu frame fronts	Height 180–600 Width up to 1800	163	No hinges required	CLIP assembly 3 lift mechanism types (symmetrical)	 	<input type="radio"/> Silk white *New cover cap design
HK-XS		Wall cabinet, tall cabinet, above fridge, pull-out pantry, oven, extractor, bath	 Two-sided	Wooden, wide/narrow alu frame fronts	Height 240–600 Width up to 1800	125 (Special solution with 100 mm possible)	Hinges on cabinet top panel required	CLIP assembly Cabinet top panel assembly 3 lift mechanism types (symmetrical)	 	



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 middle of the front from sagging when open.

BLUMOTION
 SERVO-DRIVE

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



A trial application is recommended at the edge areas of the individual lift mechanisms.

Order specification

1 Lift mechanism set			
Symmetrical with pre-mounted system screws			
LF	OW		
420-1610	107°	22K2310	
930-2800	107°	22K2510	
1730-5200	107°	22K2710	
3200-9000	107°	22K2910	
Max. front weight 18 kg for two lift mechanisms			

Alternative

1 Lift mechanism set			
Symmetrical with chipboard screws incl. positioning template			
LF	OW		
420-1610	107°	22K2300	
930-2800	107°	22K2500	
1730-5200	107°	22K2700	
3200-9000	107°	22K2900	
Max. front weight 18 kg for two lift mechanisms			

2 Cover cap set			
Material	Colour		
Plastic	HGR SW TGR	22K8000	
Consisting of:			
1 x large cover cap, left			
1 x large cover cap, right			
2 x small cover cap, stamped with Blum logo			

2 Cover cap set for SERVO-DRIVE			
Material	Colour		
Plastic	HGR SW TGR	23K8000	
Consisting of:			
2a 1 x SERVO-DRIVE large cover cap, left			
2b 1 x large cover cap, right			
2c 2 x small cover cap, stamped with Blum logo			
2d 2 x SERVO DRIVE switches			
2e 2 x Blum distance bumpers, Ø 5 mm			

3 Front fixing bracket set			
Symmetrical, nickel plated			
Wooden fronts and wide alu frames*		20S42E1	
Narrow alu frames		20S4200A	
* Use 4 chipboard screws (609.1x00) per side for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) per side for wide alu frames.			

Alternative

3 Front fixing bracket			
Symmetrical, nickel plated			
EXPANDO T		2 x	20S42T1
EXPANDO T for thin fronts			

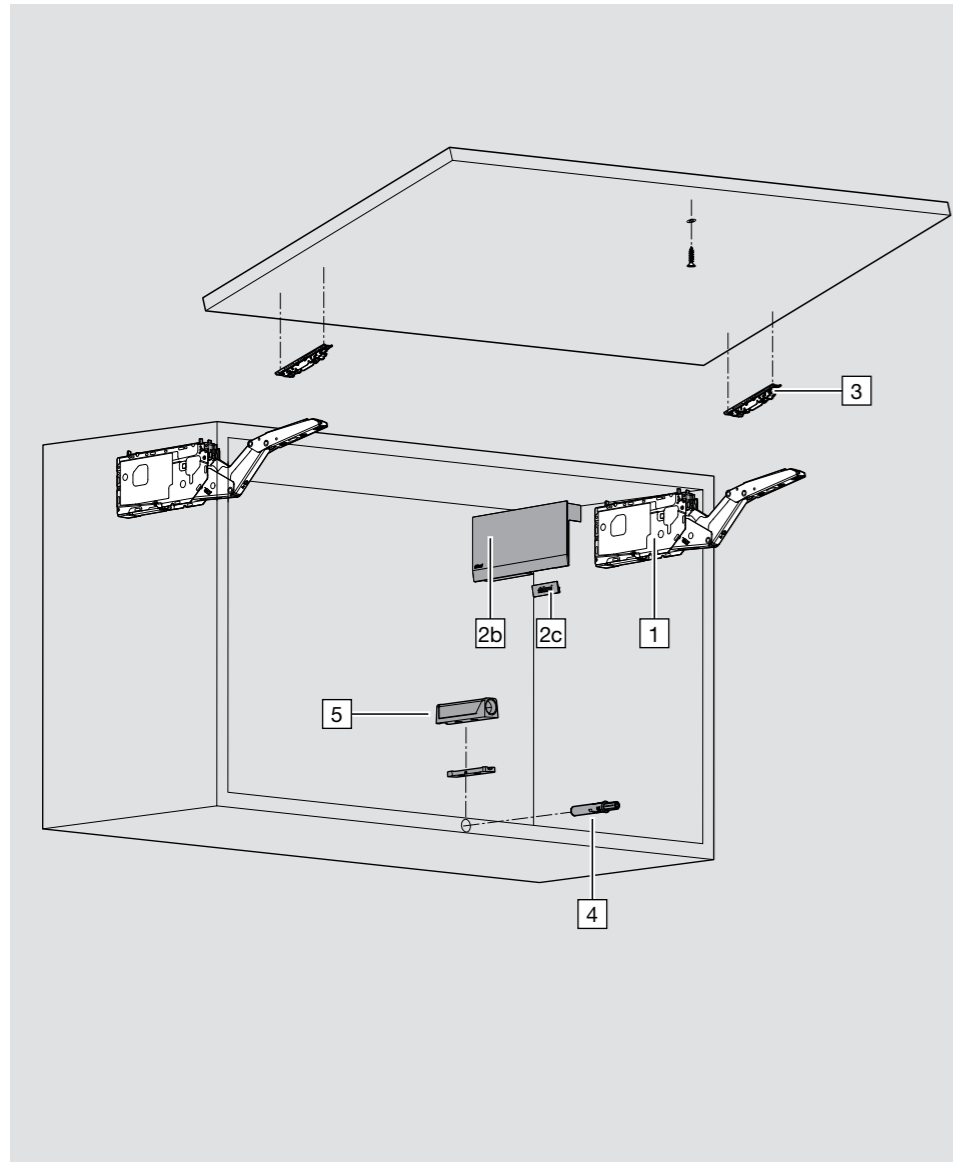
4 SERVO-DRIVE set			
Material	Colour		
Plastic	Dust grey	23KA000	
Consisting of:			
4a 1 x drive unit			
4b 1 x distribution cable, 1500 mm			
4c 1 x connecting node			
4d 2 x cable end protectors			
We recommend using two synchronised drive units for three lift mechanisms or more			

Accessories

Universal individual template			
		65.1051.02	

Front positioning template			
		ZML2200	

See page 26 for additional SERVO-DRIVE parts and technical information



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 middle of the front from sagging when open.

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



A trial application is recommended at the edge areas of the individual lift mechanisms.

Order specification

1 Lift mechanism set			
Symmetrical with chipboard screws incl. positioning template			
LF	OW		
420-1610	107°		22K2300T
930-2800	107°		22K2500T
1730-5200	100°		22K2700T
3200-9000	100°		22K2900T
Max. front weight 18 kg for two lift mechanisms			

2 Cover cap set			
Material	Colour		
Plastic	HGR SW TGR		22K8000
Consisting of:			
2a 1 x large cover cap, left			
2b 1 x large cover cap, right			
2c 2 x small cover cap, stamped with Blum logo			

3 Front fixing bracket set			
Symmetrical, nickel plated			
Wooden fronts and wide alu frames*			20S42E1
Narrow alu frames			20S4200A
* Use 4 chipboard screws (609.1x00) per side for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) per side for wide alu frames.			

Alternative

3 Front fixing bracket			
Symmetrical, nickel plated			
EXPANDO T	2 x		20S42T1
EXPANDO T for thin fronts			

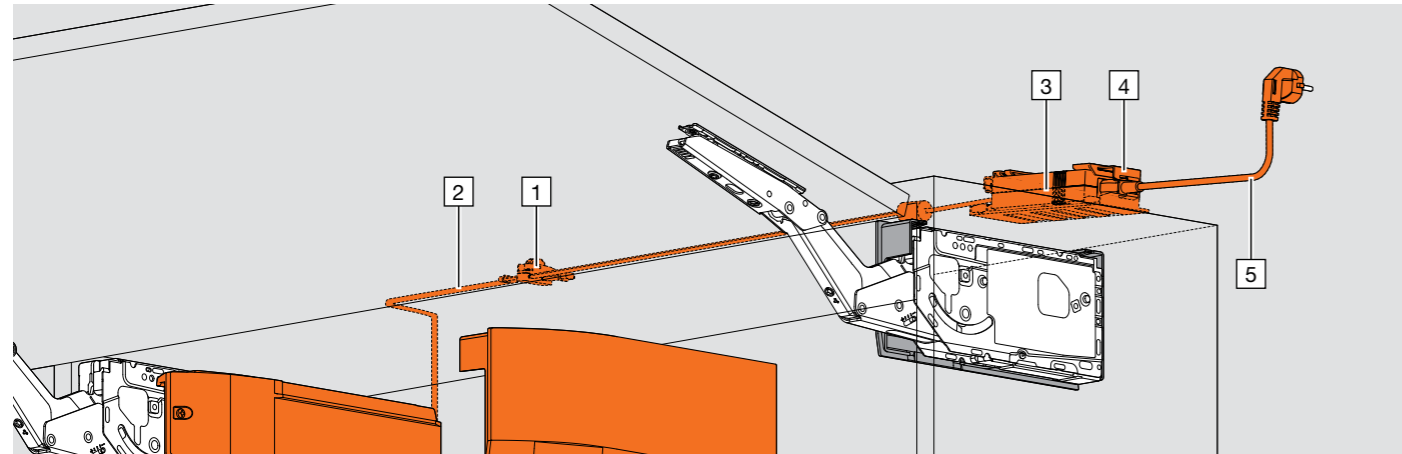
4 TIP-ON set			
Material	Colour		
Plastic	SW TS		
Short version: up to KH 500 mm			956.1004
Long version: from KH 501 mm			956A1004
Consisting of:			
1 x TIP-ON			
1 x screw-on catch plate			
1 x chipboard screw 609.1500			
1 x glue-on catch plate			

5 Straight adapter plate			
Colour			
Silk white (SW), terra black (TS), RAL 7036 platinum grey (R7036), nickel finish (NI-L)			
Short version			956.1201
Long version			956A1201

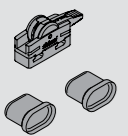

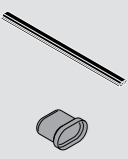

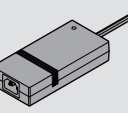
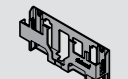
Accessories

Universal individual template			
			65.1051.02

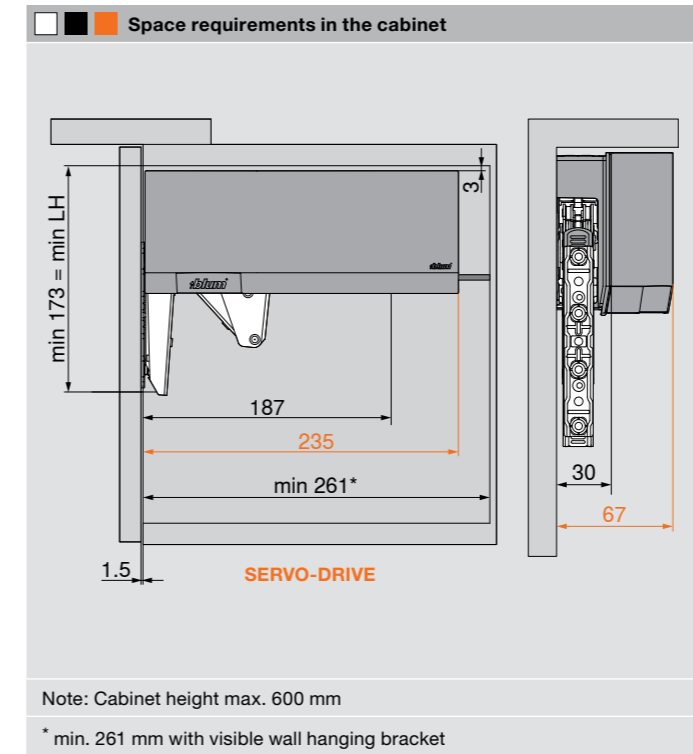
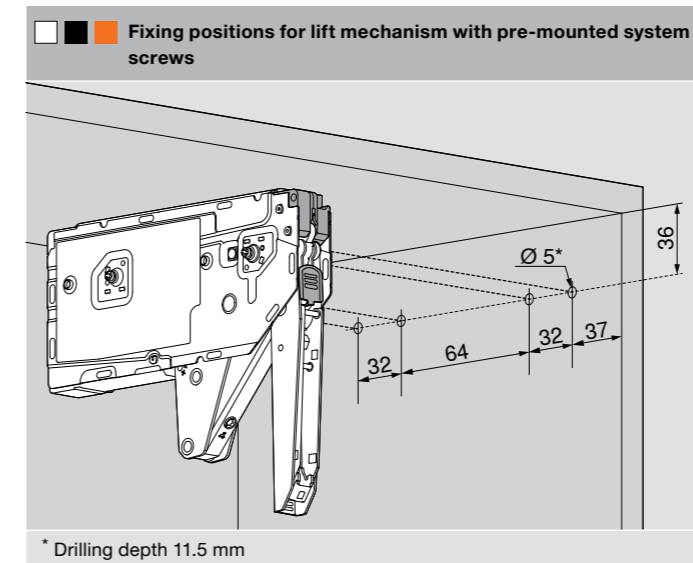
Front positioning template			
			ZML2200



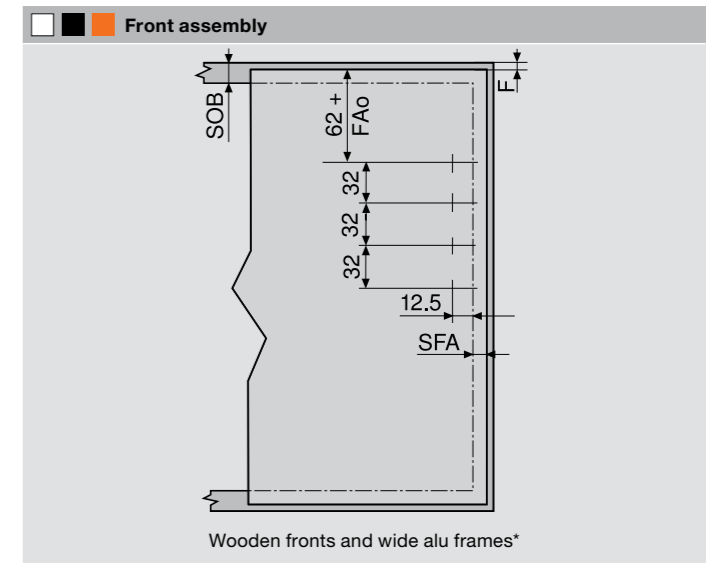
Order specification

<p>1 Connecting node and cable end protector</p> <p>Consisting of: 1 x connecting node 2 x cable end protectors</p>  <p style="text-align: right;">Z10V100E.01</p>	<p>5 Flex</p> <p>AU Z10M200K</p> 
<p>2 Distribution cable and cable end protector</p> <p>Consisting of: 1 x SERVO-DRIVE black electrical cable for cutting to size 5 x cable end protectors</p> <p>8 m Z10K800AE</p> <p>Can be used as a distribution cable and bracket profile cable</p> 	<p>Cable holder</p> <p>Using the cable holder, the distribution cable can easily be fixed to the cabinet, for example.</p>  <p style="text-align: right;">Z10K0009</p>
<p>3 24-Watt Blum transformer</p> <p>Language descriptions as per ISO-639 EN, ES, FR, IT, PT Z10NE030D</p> <p>Without flex</p> <p>Including instruction leaflet and installation instructions</p> <p>Only 1 Blum transformer permitted per distribution cable!</p> 	
<p>4 Transformer unit housing</p> <p>For panel fixing Z10NG120</p> 	

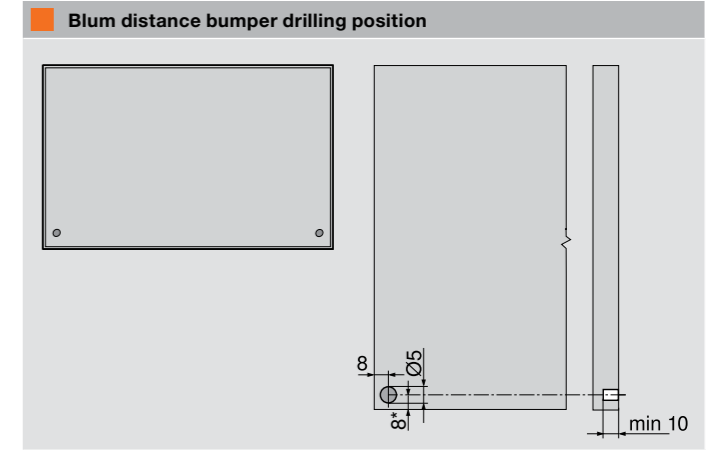
Planning



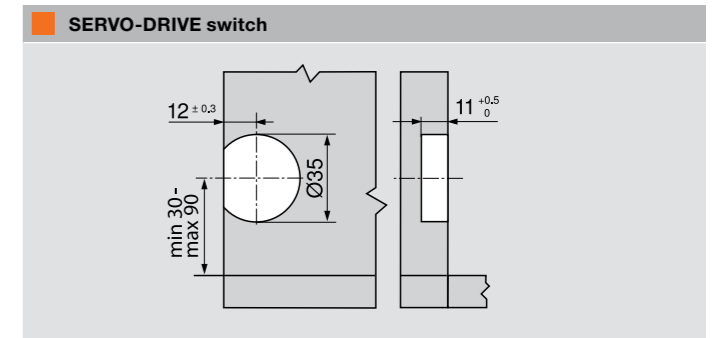
- Standard
- TIP-ON
- SERVO-DRIVE
- F Gap
- FAo Upper front overlay
- LH Internal cabinet height
- SFA Front overlay of the side panel
- SOB Top panel thickness



The upper front overlay (FAo) is no more than 25.4 mm
Wall application: Requires 5 mm minimum gap
* Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) for wide alu frames.



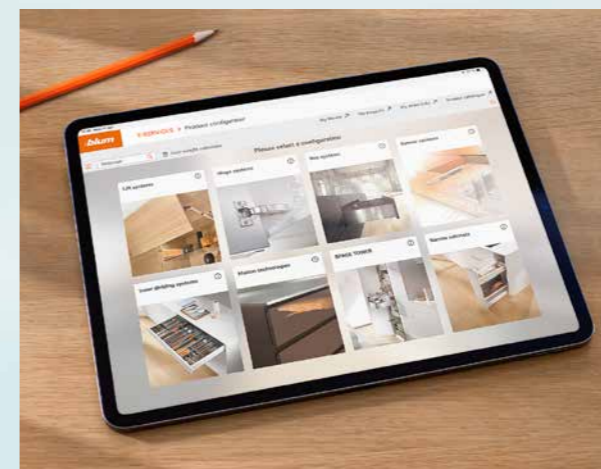
Recommendation for aluminium frames: Provide drill hole for the Blum distance bumper in the cabinet side. A trial application must be carried out when fixing the Blum distance bumper to the front.
Do not glue Blum distance bumper.



Total support package – every step of the way

With the E-SERVICES from Blum we can support you online, at any time and anywhere. Our services are geared directly towards your day-to-day work. Some facilitate individual tasks, others support you along several steps within the process chain. They will help you achieve the desired results more quickly and efficiently.

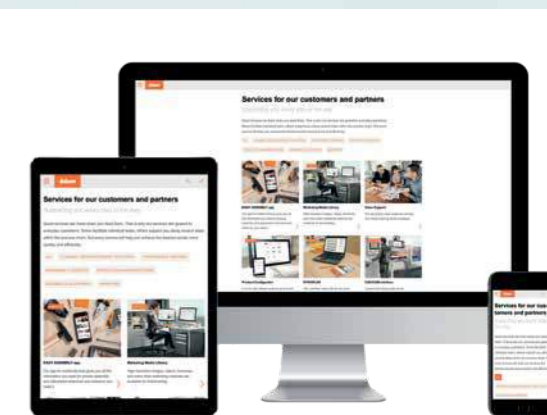
www.blum.com/services



Product selection, planning and ordering

The Product Configurator is the fast and easy way to help you to find the right fitting solutions, create parts lists (with integrated collision check) or download product specific CAD data. Save and manage your planning results in 'My projects' and conveniently prepare your orders in 'My order lists'.

> www.blum.com/productconfigurator



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CAD/CAM Data Service

The CAD/CAM Data Service enables you to download and use CAD and CAM data as a package or individually.

> www.blum.com/ccds



Assembly and adjustment

The EASY ASSEMBLY app provides useful instructions and videos. All information required for easy and precise assembly and adjustment of Blum products can also be accessed offline at any time.



> www.blum.com/eaapp

The company Blum

Founded over 60 years ago by Julius Blum, Blum is a family-owned company that operates on an international scale. Its strategic business segments include lift, hinge and pull-out systems. All our product developments focus on perfecting motion.

www.blum.com



Blum in Austria and around the world

The company has eight plants in Vorarlberg, Austria, additional production sites in Poland, the USA and Brazil and 30 subsidiaries/representative offices. Blum supplies more than 120 markets. The Blum Group employs 7,600 people in total, 5,800 of whom work in Vorarlberg.



Global customer benefits

“Whether manufacturer, distributor, fitter or kitchen user – everybody should personally enjoy the benefits of Blum products” – that is Blum’s philosophy on global customer benefits.



Innovations

To support customers with innovative fittings solutions and secure long-term success for the company, we need to consistently invest in research and development, in plants and facilities and in employee training. With more than 2,100 granted patents worldwide, Blum is one of Austria’s most innovative companies.



Quality

Blum’s comprehensive concept of quality does not only apply to products. Services and collaboration with customers and partners should also meet the same quality requirements.



Environment

At Blum, we believe that responsible ecological behaviour has long-term economic benefits. The longevity of products is just one of many important aspects. Other important measures include the use of environmentally-friendly processes, the intelligent use of materials and prudent energy management.



DYNAMIC SPACE

Good workflows, optimum use of storage space and top quality motion are important features of a practical kitchen. Blum’s ideas for practical kitchens are designed to bring function, convenience and ergonomics to furniture interiors.

 **Houzz** PRO:
Blum Australia

 **Instagram:**
@blumaustralia, #blumaustralia

 **Facebook:**
facebook.com/blumaustralia

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

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

 **Tag Us:**
#blumaustralia

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