

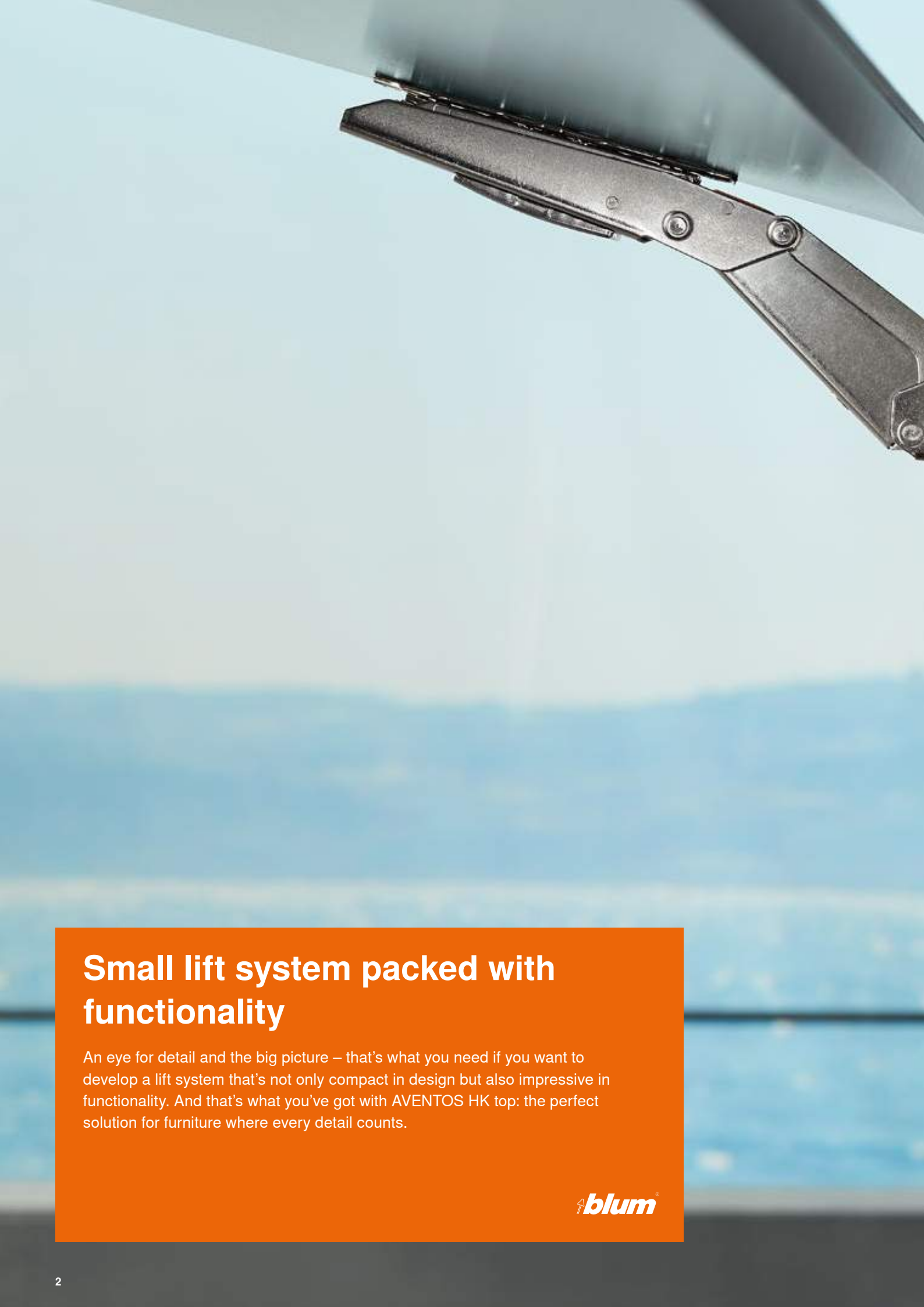


## AVENTOS HK top

Beautifully functional

[www.blum.com](http://www.blum.com)

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## Small lift system packed with functionality

An eye for detail and the big picture – that's what you need if you want to develop a lift system that's not only compact in design but also impressive in functionality. And that's what you've got with AVENTOS HK top: the perfect solution for furniture where every detail counts.



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# Sleek design

AVENTOS HK top blends discreetly into tall units and wall cabinets, putting the focus even more firmly on the design of furniture. AVENTOS HK top has already won several design awards for its small installation size and minimalist design.



## Small installation size

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

## Minimalist cover cap

Linear design, harmonious proportions, smooth finish – the cover cap impresses with its minimalist look. With unique customer branding if desired.

## Choice of three colours

Light grey, silk white or dark grey. Select the right colour cover cap to blend stylishly with your furniture, or why not introduce accents?



reddot design award  
winner 2018



DESIGN  
AWARD  
2019



GERMAN  
DESIGN  
AWARD  
WINNER  
2019



➤ Detailed information on the  
awards can be found at  
[www.blum.com/award](http://www.blum.com/award)

# Integrated functionality

Every AVENTOS HK top component has been optimised in detail to pack top functionality into a small space. You can even feel the advanced technology at work: lift systems glide open with ease and close softly and effortlessly.



## Variable stop

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



**Minimal opening forces**

AVENTOS HK top boasts balanced opening forces regardless of the weight of the front. So even large and heavy fronts are easy to use.

# Well-thought-out assembly

AVENTOS HK top has been designed to make assembly and installation precise and simple. You can choose between two different lift mechanisms – and consequently, two types of installation. Thanks to the new fixing position, drilling is the same for all applications and cabinet heights.

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Further information about assembly.



➤ [www.blum.com/hktopassembly](http://www.blum.com/hktopassembly)

## Lift mechanism with positioning system

Simply position this type of lift mechanism so it touches the top panel and is flush with the cabinet face. No pre-drilling required.



**Lift mechanism with  
pre-installed system screws**

This type of lift mechanism is fixed to the cabinet side with two system screws and two pegs. It can even be installed before the cabinet is assembled. Simply drill four holes with a 32-mm spacing.

# Optimised installation

Many useful features have been incorporated directly in AVENTOS HK top. As a result, the lift system can be mounted accurately, quickly and easily. The front gap layout and opening angle can be adjusted in no time. And the lift mechanism can be set from the front without having to remove the cover cap. This means that the lift system will stay open in any position desired.

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

➤ [www.blum.com/eaapp](http://www.blum.com/eaapp)



### Easy front attachment

The marking template makes it quick and easy to correctly position the front fixing brackets. Attach template, set front overlay, position front, mark position. That's it.



### Integrated safety mechanism

The innovative safety mechanism stops the lever arm from opening unintentionally, making installation nice and safe.



### Adjustment using TORX screws

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



### Infinitely variable opening angle

AVENTOS HK top comes with an integrated opening angle stop. The opening angle is infinitely variable and can be set exactly as required.



Find out more about  
Blum's 4 motion  
technologies at:



➤ [www.blum.com/4formore](http://www.blum.com/4formore)



## 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.



# Make your wall cabinets easy to use

Enhance the functionality of AVENTOS HK top by combining the lift system with a motion technology. A motion support system makes it even easier for your customers to open and close tall units and wall cabinets – with or without handles.



## BLUMOTION

by Blum

### Soft close

BLUMOTION ensures that fronts close softly and effortlessly – regardless of weight and how hard they are pushed shut.

## TIP-ON

by Blum

### Mechanical opening

Cabinets open at a single touch, giving you easy access to the opening edge of fronts. 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.





### All kinds of installation situations

Small in size, AVENTOS HK top fits snugly into every cabinet, e.g. above refrigerators.



### Thin fronts of 8 mm or more

The new EXPANDO T fixing system makes it easy to combine AVENTOS HK top with thin fronts. The fixing system can be used for wall cabinets, doors and pull-outs.



### Fronts with wide and narrow alu frames

You can implement a wide array of fronts with AVENTOS HK top. No matter whether wooden fronts or fronts with aluminium frames – the choice is yours,



## Diverse applications in kitchens

AVENTOS HK top blends discreetly into cabinet interiors and wows in performance. Wide tall units and wall cabinets can be implemented with ease to meet exacting design standards and produce harmonious gap layouts throughout the kitchen.



# Diverse applications throughout the home

The more bespoke your furniture, the greater the impact. AVENTOS HK top gives you many possibilities to put the focus on customised solutions.

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## Door thicknesses up to 30 mm

Thanks to AVENTOS HK top, you can even implement thick wooden fronts. And they will open with ultimate ease no matter how heavy they are.



## Add punch to cabinet interiors

You have a choice of different colour cover caps, so you can either allow the small lift system to blend harmoniously with interiors or accentuate it and add punch to the colour scheme.





### Freedom of movement

Fronts open up and out of the user's way. What is more, they hold in any position so they can even stay open during cooking. This means you have easy access to contents at all times.



### Ample storage space

Tall units and wall cabinets equipped with lift systems come in all heights and widths. They can be tailored to storage needs or designed to produce harmonious gap layouts throughout the kitchen.



### 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.



## Easy access to contents

We conduct kitchen surveys all over the world. Findings show that users greatly benefit from lift systems in tall units and wall cabinets. Particularly in kitchens. We want you to create fine furniture that gives your customers enhanced user convenience. That is why we will carry on our research and tailor our range of fittings to meet customers' needs.



Ideas from Blum  
for practical kitchens

[www.blum.com/ideas](http://www.blum.com/ideas)

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**AVENTOS HK top**  
for stay lifts

## Bringing diversity to wall cabinets

They fold, lift and swing up and over – AVENTOS lift systems bring a wide range of motion solutions to tall units and wall cabinets. We have the right lift system to suit every customer's needs and every installation situation. Find out more about the advantages of our various fittings solutions at [www.blum.com/aventos](http://www.blum.com/aventos)

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**AVENTOS HF** for bi-fold lift systems



**AVENTOS HS** for up & over lift systems



**AVENTOS HL** for lift ups



**AVENTOS HK** for stay lifts



**AVENTOS HK-S** for small stay lifts



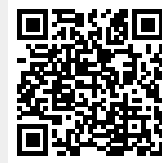
**AVENTOS HK-XS** for small stay lifts

# AVENTOS range

The right lift system for any application



|               | Motion | Typical applications                                                                       | Indication of front weight* | Possible fronts                                                                    | Possible cabinet dimensions in mm   |
|---------------|--------|--------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------|-------------------------------------|
| <b>HF</b>     |        | Wall cabinet, top, two-part fronts                                                         |                             | Wooden, wide/narrow alu frame fronts, wood-glass combinations, asymmetrical fronts | Height 480–1040<br>Width up to 1800 |
| <b>HS</b>     |        | Wall cabinet (if space), large, one-part fronts, with cornices and crown moulding          |                             | Thin fronts, wooden, wide/narrow alu frame fronts                                  | Height 350–800<br>Width up to 1800  |
| <b>HL</b>     |        | Wall cabinet, tall cabinet (if space) within reaching height, devices behind, fronts above |                             | Thin fronts, wooden, wide/narrow alu frame fronts                                  | Height 300–580<br>Width up to 1800  |
| <b>HK top</b> |        | Wall cabinet, tall cabinet, above fridge, larder unit, oven                                |                             | Thin fronts, wooden, wide/narrow alu frame fronts                                  | Height 205–600<br>Width up to 1800  |
| <b>HK</b>     |        | Wall cabinet, tall cabinet, above fridge, larder unit, oven                                |                             | Thin fronts, wooden, wide/narrow alu frame fronts                                  | Height 205–600<br>Width up to 1800  |
| <b>HK-S</b>   |        | Wall cabinet, tall cabinet, above fridge, larder unit, oven                                |                             | Wooden, wide/narrow alu frame fronts                                               | Height 180–600<br>Width up to 1800  |
| <b>HK-XS</b>  |        | Wall cabinet, tall cabinet, above fridge, larder unit, oven, extractor, bath               | <br>Two-sided               | Wooden, wide/narrow alu frame fronts                                               | Height 240–600<br>Width up to 1800  |



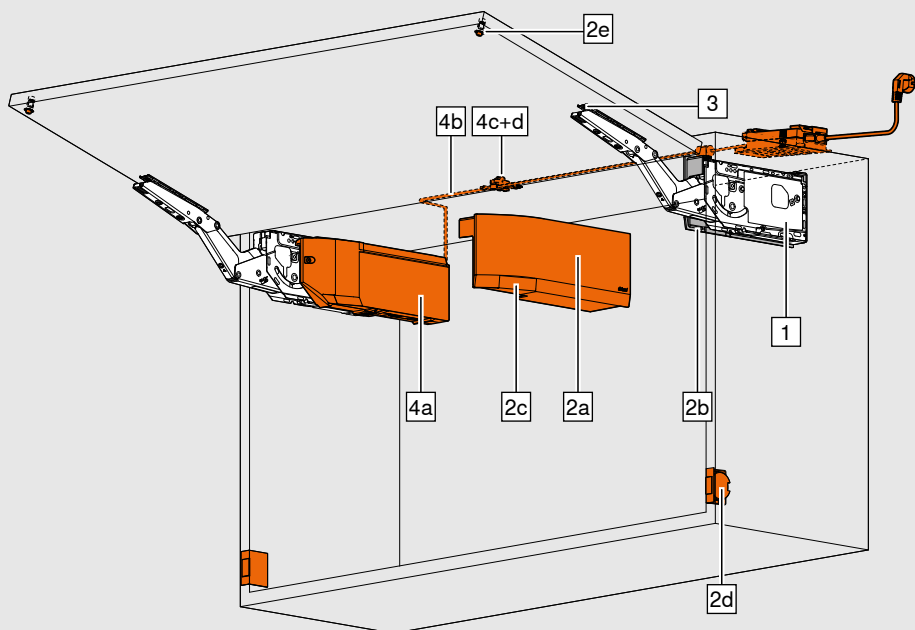
➤ \*You use the front weight and cabinet height to calculate the power factor of the lift mechanism. We would be happy to assist you with your product selection at [www.blum.com/configurator](http://www.blum.com/configurator)

|  | Minimum depth                                  | Complete fitting or with hinges                             | Special installation or assembly                                                                                                                 | Available motion technology                                                                                            | Cover cap                                                                                                          |
|--|------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  | 278                                            | Hinges on cabinet top panel required + connection of fronts | CLIP assembly<br>Cabinet top panel assembly<br>3 lift mechanism types (symmetrical)<br>4 telescopic arms (symmetrical)                           | <div>BLUMOTION</div> <div>by Blum</div> <div>SERVO-DRIVE</div> <div>by Blum</div>                                      | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 276                                            | No hinges required                                          | CLIP assembly<br>Cross stabiliser<br>9 lift mechanism types (symmetrical)<br>1 lever arm                                                         | <div>BLUMOTION</div> <div>by Blum</div> <div>SERVO-DRIVE</div> <div>by Blum</div>                                      | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 278                                            | No hinges required                                          | CLIP assembly<br>Cross stabiliser<br>5 lift mechanism types (symmetrical)<br>4 lever arms                                                        | <div>BLUMOTION</div> <div>by Blum</div> <div>SERVO-DRIVE</div> <div>by Blum</div>                                      | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 187                                            | No hinges required                                          | CLIP assembly, 4 lift mechanism types (symmetrical), lift mechanism adjustment from the front, integrated safety solution and opening angle stop | <div>BLUMOTION</div> <div>by Blum</div> <div>SERVO-DRIVE</div> <div>by Blum</div> <div>TIP-ON</div> <div>by Blum</div> | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 207                                            | No hinges required                                          | CLIP assembly<br>4 lift mechanism types (symmetrical)                                                                                            | <div>BLUMOTION</div> <div>by Blum</div> <div>SERVO-DRIVE</div> <div>by Blum</div> <div>TIP-ON</div> <div>by Blum</div> | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 163                                            | No hinges required                                          | CLIP assembly<br>3 lift mechanism types (symmetrical)                                                                                            | <div>BLUMOTION</div> <div>by Blum</div> <div>TIP-ON</div> <div>by Blum</div>                                           | <input type="radio"/> Silk white<br><input type="radio"/> Light grey<br><input checked="" type="radio"/> Dark grey |
|  | 125<br>(Special solution with 100 mm possible) | Hinges on cabinet top panel required                        | CLIP assembly<br>Cabinet top panel assembly<br>3 lift mechanism types (symmetrical)                                                              | <div>BLUMOTION</div> <div>by Blum</div> <div>TIP-ON</div> <div>by Blum</div>                                           |                                                                                                                    |

## AVENTOS HK top



## Standard and SERVO-DRIVE for AVENTOS HK top



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.

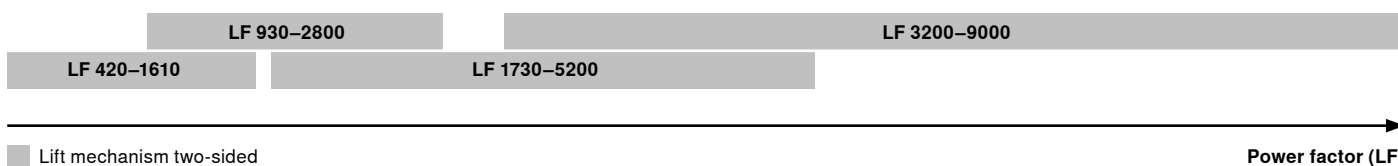
### Note

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.

- ☐ Standard
- ☒ SERVO-DRIVE



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.

## Standard and SERVO-DRIVE for AVENTOS HK top

## AVENTOS HK top



### Order specification

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

#### Alternative

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

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

|                                                  |                |                                      |
|--------------------------------------------------|----------------|--------------------------------------|
|                                                  | <b>2</b>       | <b>Cover cap set for SERVO-DRIVE</b> |
| <b>Material</b>                                  | <b>Colour</b>  |                                      |
| Plastic                                          | HGR   SW   TGR | <b>23K8000</b>                       |
| <b>Consisting of:</b>                            |                |                                      |
| 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           |                |                                      |

|                                                                                                                                                |          |                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------|
|                                                                                                                                                | <b>3</b> | <b>Front fixing bracket set</b> |
| Symmetrical, nickel plated                                                                                                                     |          |                                 |
| Wooden fronts and wide alu frames*                                                                                                             |          | <b>20S4200</b>                  |
| Narrow alu frames                                                                                                                              |          | <b>20S4200A</b>                 |
| * 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

|                            |                             |
|----------------------------|-----------------------------|
|                            | <b>Front fixing bracket</b> |
| Symmetrical, nickel plated |                             |
| EXPANDO T                  | 2 x <b>20S42T1</b>          |
| EXPANDO T for thin fronts  |                             |

|                                                                                   |               |                        |
|-----------------------------------------------------------------------------------|---------------|------------------------|
|                                                                                   | <b>4</b>      | <b>SERVO-DRIVE set</b> |
| <b>Material</b>                                                                   | <b>Colour</b> |                        |
| Plastic                                                                           | Dust grey     | <b>23KA000</b>         |
| <b>Consisting of:</b>                                                             |               |                        |
| 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 |               |                        |

|             |                                         |
|-------------|-----------------------------------------|
|             | <b>Blum transformer and accessories</b> |
| See page 36 |                                         |

#### Accessories

|                   |                                            |
|-------------------|--------------------------------------------|
|                   | <b>Universal individual template</b>       |
| <b>65.1051.02</b> |                                            |
|                   | <b>Marking template for AVENTOS HK top</b> |
| <b>ZML.2200</b>   |                                            |

LF Power factor

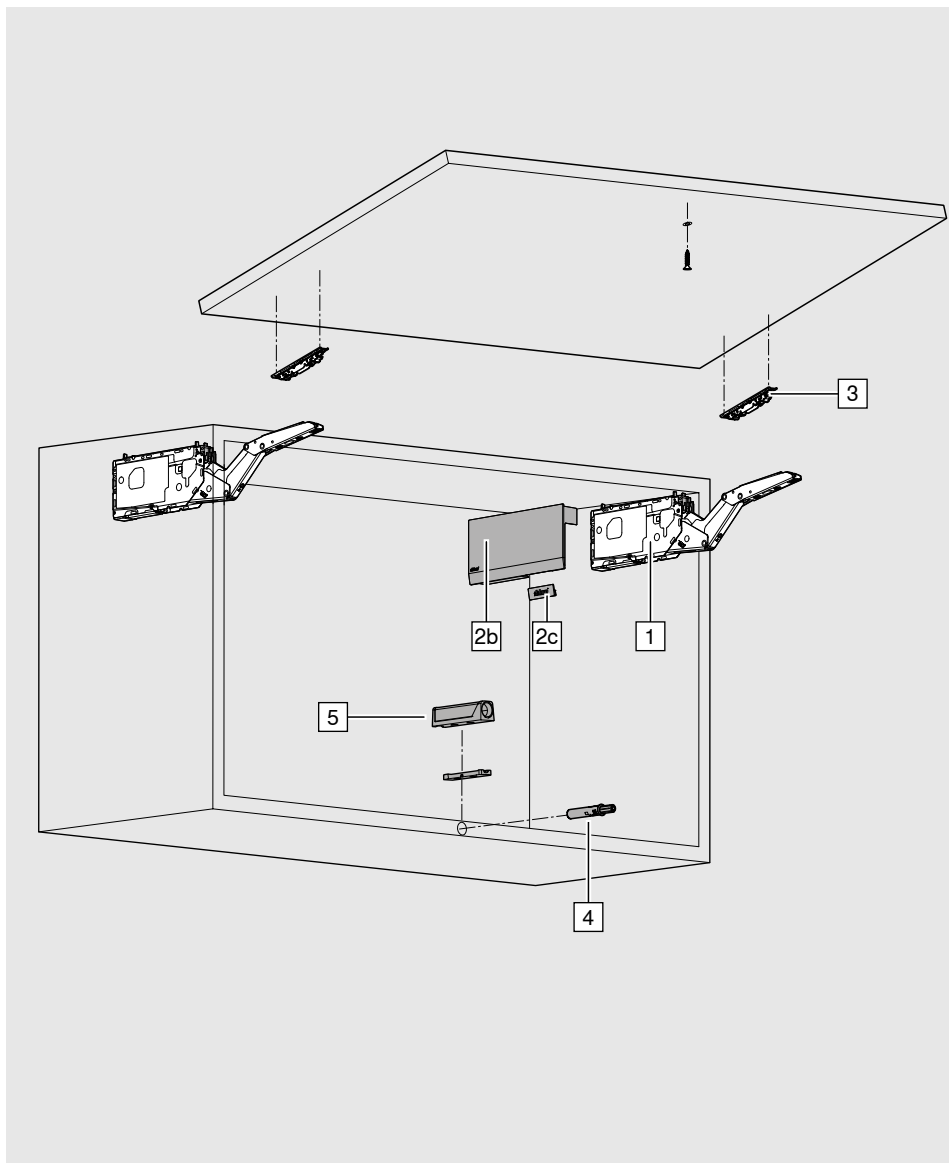
OW Opening angle (infinitely adjustable)

HGR | SW | TGR Light grey, silk white, dark grey

## AVENTOS HK top



## TIP-ON for AVENTOS HK top



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.



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



■ Lift mechanism two-sided

Power factor (LF) →

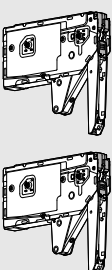
A trial application is recommended at the edge areas of the individual lift mechanisms.

## TIP-ON for AVENTOS HK top

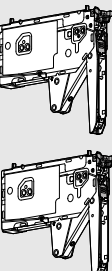
## AVENTOS HK top

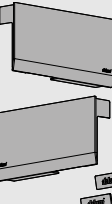


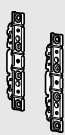
### Order specification

| 1                                                                                 | Lift mechanism set                         |      |          |
|-----------------------------------------------------------------------------------|--------------------------------------------|------|----------|
|  | Symmetrical with pre-mounted system screws |      |          |
|                                                                                   | LF                                         | OW   |          |
|                                                                                   | 420–1610                                   | 107° | 22K2310T |
|                                                                                   | 930–2800                                   | 107° | 22K2510T |
|                                                                                   | 1730–5200                                  | 100° | 22K2710T |
|                                                                                   | 3200–9000                                  | 100° | 22K2910T |
| 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° | 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 |
|                                                                                     | <b>Consisting of:</b><br>2a   1 x large cover cap, left<br>2b   1 x large cover cap, right<br>2c   2 x small cover cap, stamped with Blum logo |                |         |

| 3                                                                                   | Front fixing bracket set                                                                                                                       |  |          |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|
|  | Symmetrical, nickel plated                                                                                                                     |  |          |
|                                                                                     | Wooden fronts and wide alu frames*                                                                                                             |  | 20S4200  |
|                                                                                     | 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

|                                                                                     | 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   R7036 |          |
|                                                                                   | Short version: up to KH 500 mm                                                                                             |                 | 956.1004 |
|                                                                                   | Long version: from KH 501 mm                                                                                               |                 | 956A1004 |
|                                                                                   | <b>Consisting of:</b><br>1 x TIP-ON<br>1 x screw-on catch plate<br>1 x chipboard screw 609.1500<br>1 x glue-on catch plate |                 |          |

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

#### Alternative

|                                                                                     | Cruciform adapter plates       |  |          |
|-------------------------------------------------------------------------------------|--------------------------------|--|----------|
|  | <b>Colour</b>                  |  |          |
|                                                                                     | RAL 7036 platinum grey (R7036) |  |          |
|                                                                                     | Long version                   |  | 956A1501 |

#### Accessories

|                                                                                     | Universal individual template |  |            |
|-------------------------------------------------------------------------------------|-------------------------------|--|------------|
|  |                               |  |            |
|                                                                                     |                               |  | 65.1051.02 |

|                                                                                     | Marking template for AVENTOS HK top |  |          |
|-------------------------------------------------------------------------------------|-------------------------------------|--|----------|
|  |                                     |  |          |
|                                                                                     |                                     |  | ZML.2200 |

LF Power factor

KH Cabinet height

OW Opening angle (infinitely adjustable)

HGR | SW | TGR Light grey, silk white, dark grey

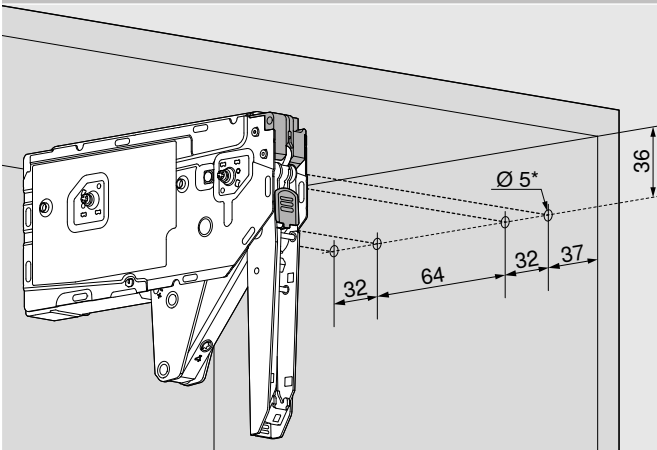
# AVENTOS HK top



## Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

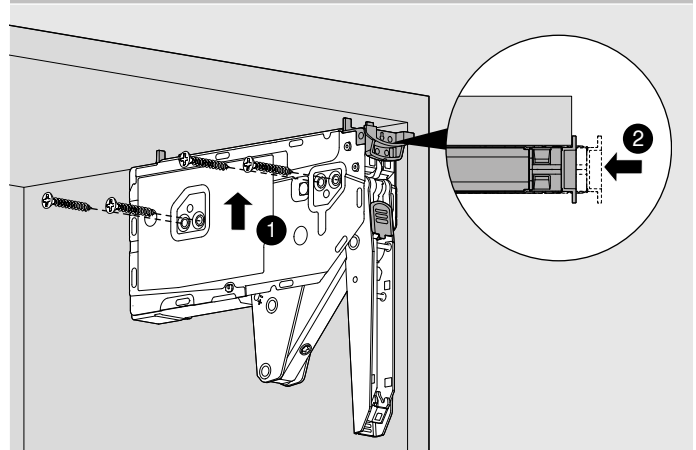
### Planning

□ ■ ■ Fixing positions for lift mechanism with pre-mounted system screws



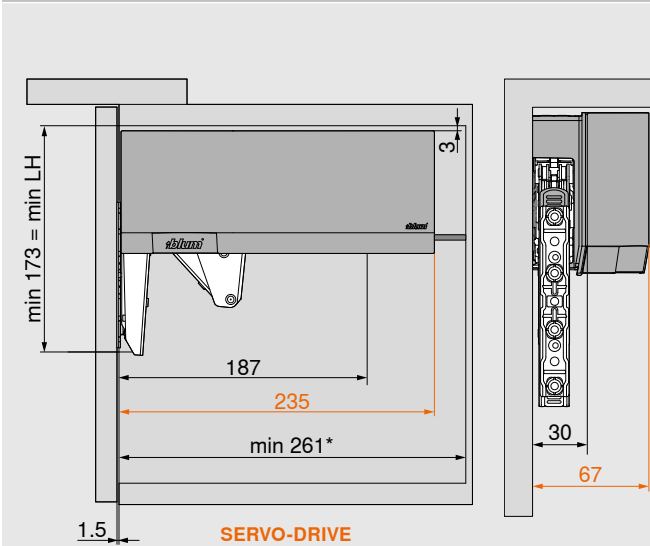
\* Drilling depth 11.5 mm

□ ■ ■ Fixing positions for lift mechanism with chipboard screws incl. positioning template



4 x Ø 4 x 35 mm

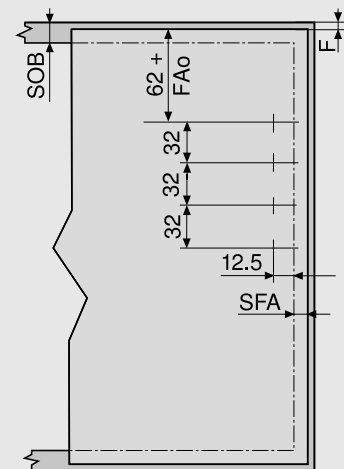
□ ■ ■ Space requirements in the cabinet



Note: Cabinet height max. 600 mm

\* min. 261 mm with visible wall hanging bracket

□ ■ ■ Front assembly



Wooden fronts and wide alu frames\*

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.

□ 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

# Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

## AVENTOS HK top



### Planning

**Front assembly**

Narrow alu frames

The upper front overlay (FAo) is no more than 25.4 mm

Wall application: Requires 5 mm minimum gap

**Planning for narrow alu frames**

For frame width 19 mm: SFA of 11–18 mm possible

\* When changing material thickness, adjust the assembly dimensions accordingly

**Cornice and crown moulding space requirement**

|         |    |    |    |    |    |
|---------|----|----|----|----|----|
| FD (mm) | 16 | 19 | 22 | 26 | 28 |
| X (mm)  | 68 | 57 | 47 | 33 | 27 |

Maximum top panel thickness 25.4 mm

$Y = FH \times 0.29 + FD - SOB$

**Minimum gap**

The MF is 2 mm

FD Front thickness  
FH Front height

MF Minimum gap for opening  
SFA Front overlay of the side panel

SOB Top panel thickness

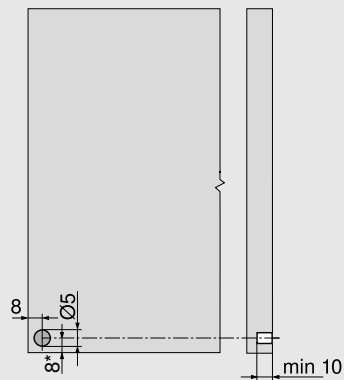
## AVENTOS HK top



## SERVO-DRIVE for AVENTOS HK top

### Planning

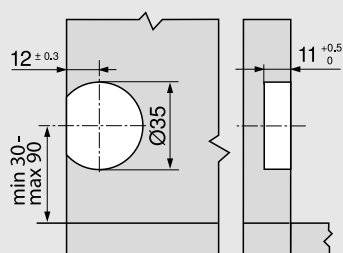
#### Blum distance bumper drilling position



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.

#### SERVO-DRIVE switch



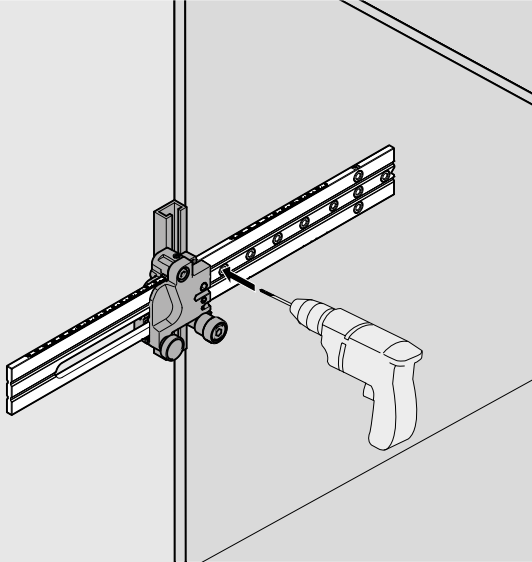
## Standard, TIP-ON and SERVO-DRIVE for AVENTOS HK top

## AVENTOS HK top



### Planning

#### Cabinet assembly

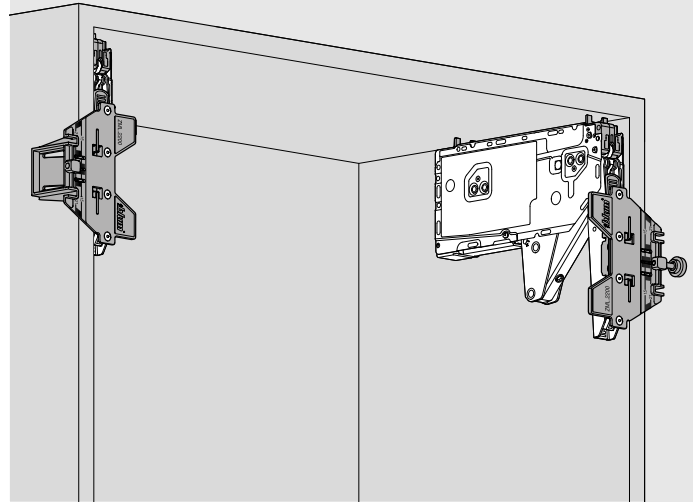


Drilling template

65.1051.02

can be used for all lift systems

#### Front assembly template

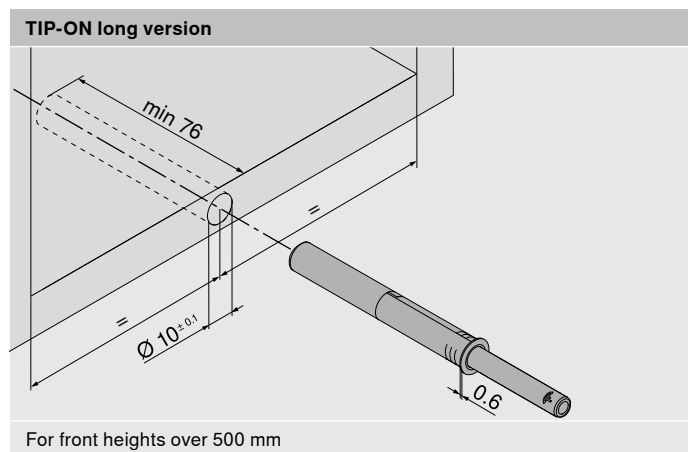
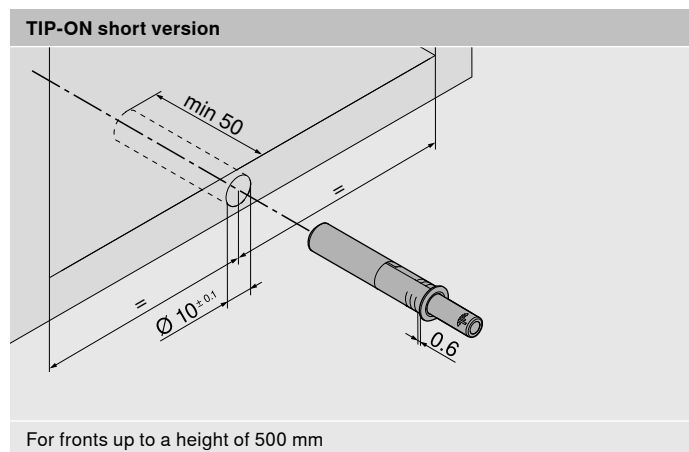


Marking template for AVENTOS HK top

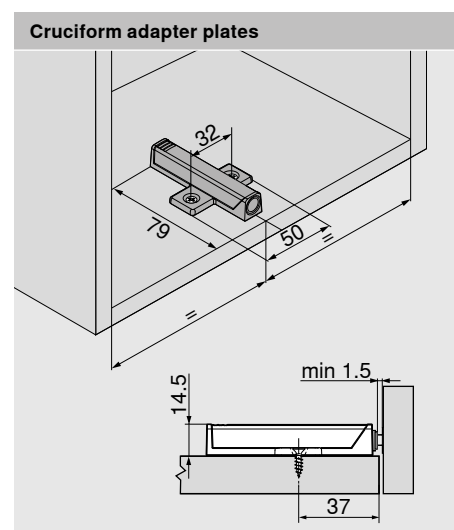
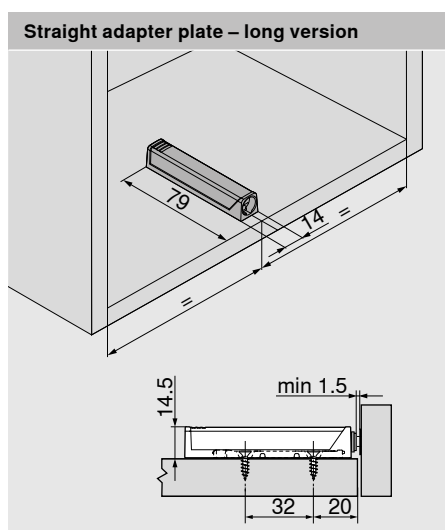
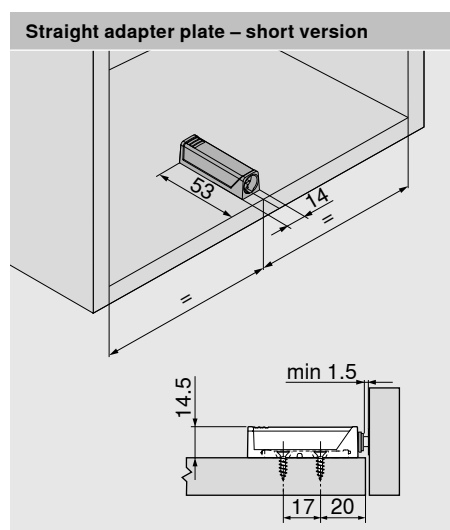
ZML.2200

for front fixing

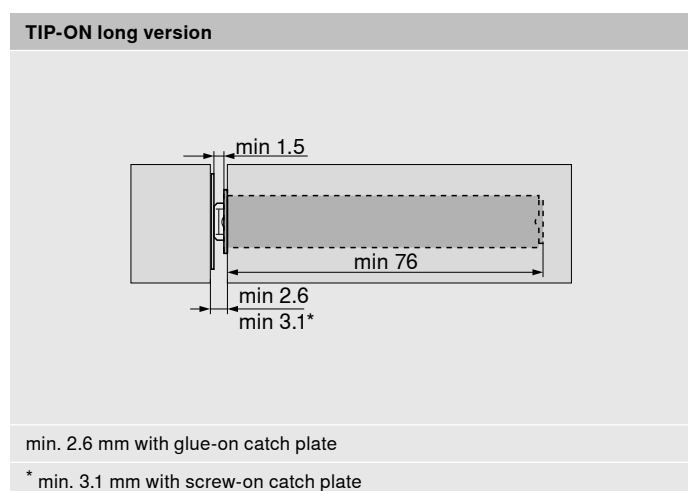
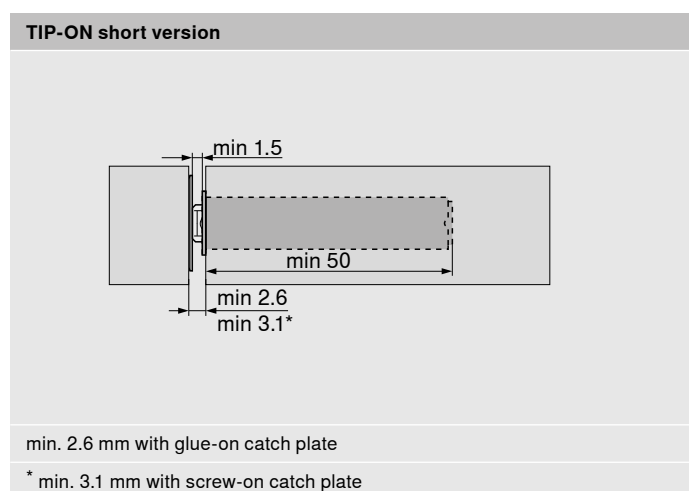
### TIP-ON for drilling fixing position



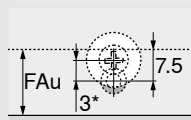
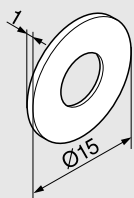
### TIP-ON adapter plate fixing position



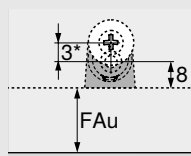
### Installation dimensions for front gap



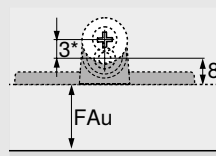
## Screw-on catch plate planning



For drilling



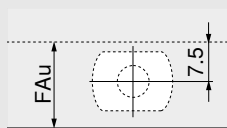
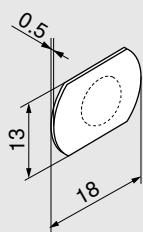
Straight adapter plate



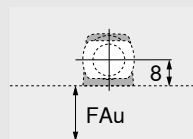
Cruciform adapter plates

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

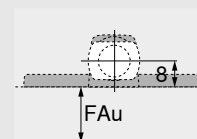
## Glue-on catch plate planning



For drilling



Straight adapter plate

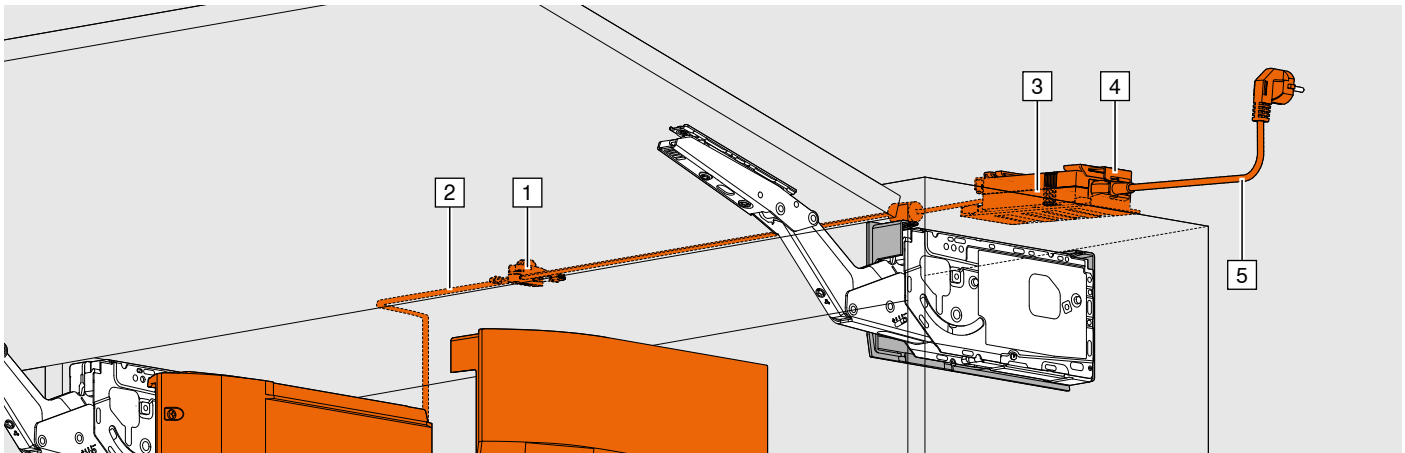


Cruciform adapter plates

## AVENTOS HK top



## SERVO-DRIVE for AVENTOS HK top Blum transformer and accessories



### Order specification

| 1 | Connecting node and cable end protector                                  |
|---|--------------------------------------------------------------------------|
|   | <b>Consisting of:</b><br>1 x connecting node<br>2 x cable end protectors |
|   | Z10V100E.01                                                              |

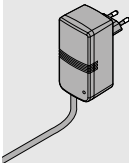
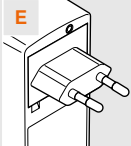
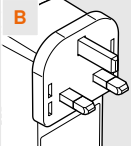
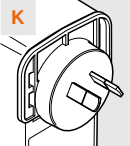
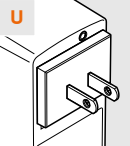
| 2 | Distribution cable and cable end protector                                                                      |
|---|-----------------------------------------------------------------------------------------------------------------|
|   | <b>Consisting of:</b><br>1 x SERVO-DRIVE black electrical cable for cutting to size<br>5 x cable end protectors |
|   | 8 m<br>Z10K800AE<br>Can be used as a distribution cable and bracket profile cable                               |

| 3 | 24-Watt Blum transformer                                                                                                                 |
|---|------------------------------------------------------------------------------------------------------------------------------------------|
|   | Language descriptions as per ISO-639                                                                                                     |
|   | DE, EN, FR, IT, NL<br>Z10NE030A                                                                                                          |
|   | DA, EN, FI, NO, SV<br>Z10NE030B                                                                                                          |
|   | EL, EN, HR, SL, SR, TR<br>Z10NE030C                                                                                                      |
|   | EN, ES, FR, IT, PT<br>Z10NE030D                                                                                                          |
|   | CS, HU, SK, PL<br>Z10NE030E                                                                                                              |
|   | BG, ET, LT, LV, RO, RU<br>Z10NE030F                                                                                                      |
|   | EN, ES, FR, (US, CA)<br>Z10NE030G                                                                                                        |
|   | EN, ZH<br>Z10NE030H                                                                                                                      |
|   | Without flex<br>Including instruction leaflet and installation instructions<br>Only 1 Blum transformer permitted per distribution cable! |

| 4 | Transformer unit housing |
|---|--------------------------|
|   | For panel fixing         |
|   | Z10NG120                 |

|  | 5 Flex                    |            |                     |               |
|------------------------------------------------------------------------------------|---------------------------|------------|---------------------|---------------|
|                                                                                    | Market                    |            | Market              |               |
|                                                                                    | AR                        | Z10M200A   | AU                  | Z10M200K      |
|                                                                                    | UK                        | Z10M200B   | CL                  | Z10M200L      |
|                                                                                    | CH                        | Z10M200C   | CN                  | Z10M200N      |
|                                                                                    | DK                        | Z10M200D   | TW                  | Z10M200T      |
|                                                                                    | Europe                    | Z10M200E   | US, CA              | Z10M200U      |
|                                                                                    | IN                        | ☎ Z10M200H | ZA                  | Z10M200Z      |
|                                                                                    | IL                        | Z10M200I   | BR                  | ☎ Z10M200S.01 |
|                                                                                    | JP                        | Z10M200J   | Europe <sup>1</sup> | Z10M200E.OS   |
|                                                                                    | <sup>1</sup> Without plug |            |                     |               |

### Alternative to 24-Watt Blum transformer and flex

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                     | <b>12-Watt Blum plug-in transformer</b>                                              |                                                                                       |                                                                                       |                                                                                       |
|  | Including flex (1120 mm)                                                             |                                                                                       |                                                                                       |                                                                                       |
|                                                                                     | For single applications only                                                         |                                                                                       |                                                                                       |                                                                                       |
|                                                                                     | <b>Network adapter (x)*</b>                                                          |                                                                                       |                                                                                       |                                                                                       |
|                                                                                     |  |  |  |  |
|                                                                                     | <b>Language packages (y)</b>                                                         |                                                                                       |                                                                                       |                                                                                       |
| <b>A</b> DE, EN, FR, IT, NL                                                         | <b>E</b> CS, HU, SK, PL                                                              |                                                                                       |                                                                                       |                                                                                       |
| <b>B</b> DA, EN, FI, NO, SV                                                         | <b>F</b> BG, ET, LT, LV, RO, RU                                                      |                                                                                       |                                                                                       |                                                                                       |
| <b>C</b> EL, EN, HR, SL, SR, TR                                                     | <b>G</b> EN, ES, FR, (US, CA)                                                        |                                                                                       |                                                                                       |                                                                                       |
| <b>D</b> EN, ES, FR, IT, PT                                                         | <b>H</b> EN, ZH                                                                      |                                                                                       |                                                                                       |                                                                                       |
|                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| <b>Z10NA30xyF</b>                                                                   |                                                                                      |                                                                                       |                                                                                       |                                                                                       |

\* Not permitted for more than one drive unit!

|                                                                                     | Cable holder                                                                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | Using the cable holder, the distribution cable can easily be fixed to the cabinet, for example. |
|                                                                                     | Z10K0009                                                                                        |

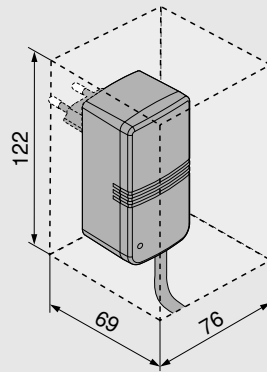
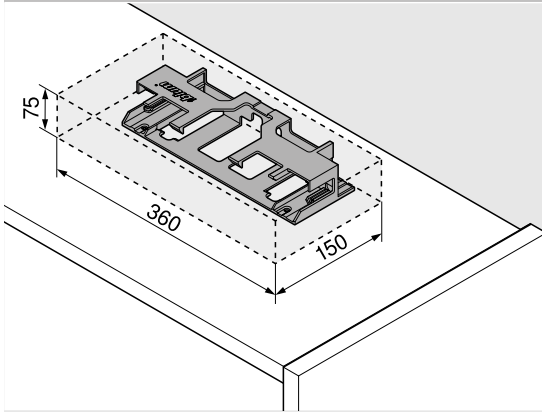
## SERVO-DRIVE for AVENTOS HK top Blum transformer and accessories

## AVENTOS HK top



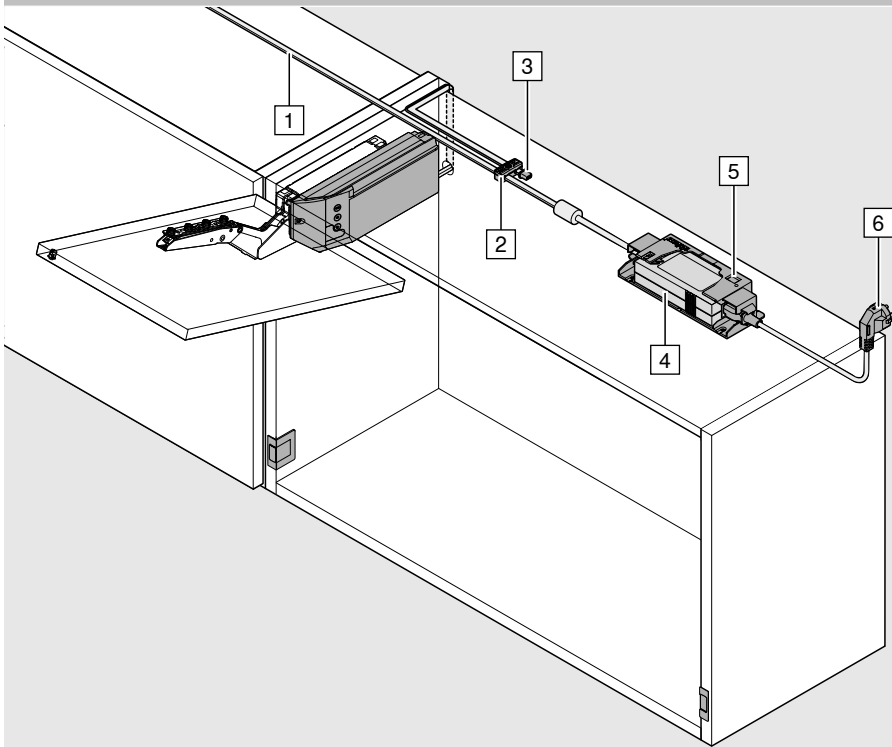
### Planning

#### Space requirement and safety distance, Blum transformer unit housing and Blum plug-in transformer



**i** A safety distance of 30 mm must be maintained for air circulation (see graphic); otherwise, there is a risk that the Blum transformer or plug-in transformer could overheat.

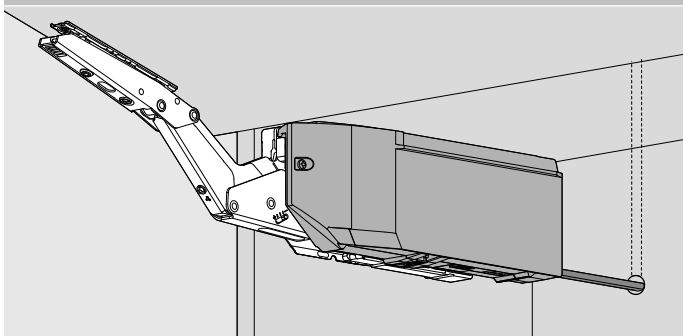
#### Assembly on the cabinet top panel



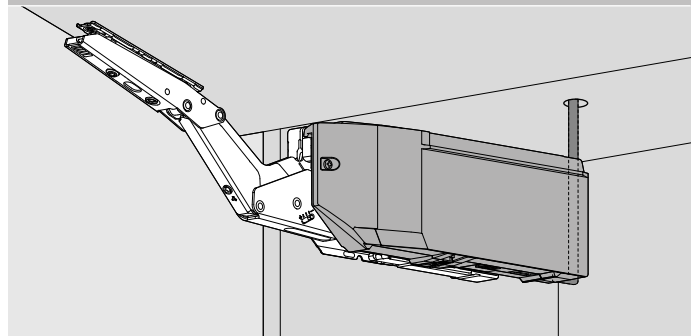
- 1 Distribution cable for cutting to size
- 2 Connecting node
- 3 Cable end protector
- 4 Blum transformer
- 5 Transformer unit housing
- 6 Flex

**i** Only one Blum transformer can be connected to each distribution cable.

#### Back cabling



#### Top cabling



# 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](http://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 31 subsidiaries/representative offices. Blum supplies more than 120 markets. The Blum Group employs 8.000 people in total, 6.000 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.



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