

AVENTOS lift systems provide ease of use in the wall cabinet. Even wide lift systems open easily, remain in any desired position and – thanks to BLUMOTION – close silently and effortlessly.

- BLUMOTION silent and effortless closing action
- Quick, easy assembly and removal due to CLIP technology
- Easy, 3-dimensional front adjustment
- Perfectly balanced fronts remain in any desired position
- No protruding parts
- Optimised ergonomic handle position
- With SERVO-DRIVE, the electrical motion support system for wall cabinets
- With TIP-ON, the mechanical opening support system for stay lifts



SERVO-DRIVE, the electrical motion support system for AVENTOS HF,
AVENTOS HS, AVENTOS HL and
AVENTOS HK top



TIP-ON, the mechanical opening support, is available for the lift systems
AVENTOS HK top, AVENTOS HK-S and AVENTOS HK-XS

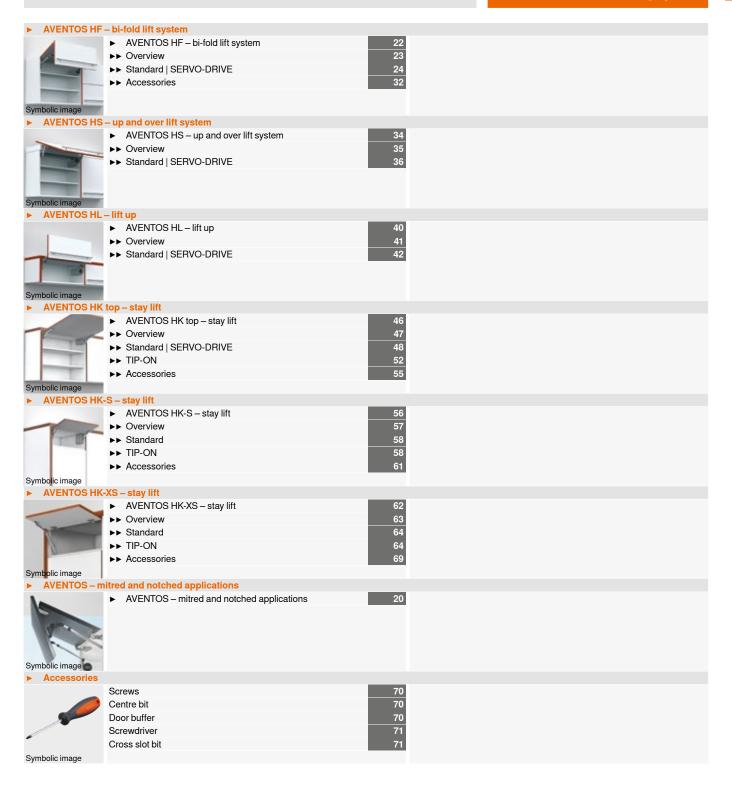


The symmetrical lift mechanism of AVENTOS HK-XS can be used on one or two sides



AVENTOS lift systems offer many opportunities for creating cabinets that are even more individual – in all areas of the home

**Ablum** 



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# **Ablum**

### An inspiring range of lift systems in motion



The fascinating motion quality of the AVENTOS fittings is also available for lift systems designed with mitres or rebates. The situation here is that the standard fittings can still be used with minor positional adjustment. Using the new application options, creative design ideas can be implemented to best effect.

Lift systems are particularly convenient as the smooth action and access to the cabinet are always achieved.

AVENTOS lift systems also remain in any position when they are being opened and are therefore within easy reach to close.

Extra convenience is provided by the SERVO-DRIVE or TIP-ON opening support systems.



Mitred applications



Notched applications





AVENTOS HF – bi-fold lift system



AVENTOS HF - bi-fold lift system



AVENTOS HS – up and over lift system



AVENTOS HS – up and over lift system



AVENTOS HL – lift up



AVENTOS HL – lift up



AVENTOS HK top – stay lift



AVENTOS HK top – stay lift

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### **Ablum**

#### Experience unprecedented ease of use



AVENTOS HK top is compact, minimalistic and highly functional. It is suitable for both small and large lift systems in tall and wall cabinets. Opening angle stop and safety mechanism are integrated. Cornices were also taken into account during development.

- Silent and effortless closing, thanks to **BLUMOTION**
- Easy to open
- Stops at any opening position
- Provides excellent access to the cabinet
- Suitable for wall cabinets with cornice or crown moulding
- Small programme, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS HK top
- Optional: TIP-ON for AVENTOS

### Opening and closing - easy and comfortable



harmonious proportions, smooth surfaces: AVENTOS HK top has already won multiple awards for its design



Small installation size, straight lines, Thanks to its minimalist design, the stay lift fits harmoniously into furniture in all areas of the home



Choose between two symmetrical lift mechanism types – and two types of assembly. The lift mechanism with the integrated positioning system can be installed without pre-drilling. The lift mechanism with pre-mounted system screws can also be installed to the unattached cabinet side. Four drill holes in the 32 tier system are required for this



#### Other advantages that will inspire both you and your customers



**Excellent durability** 

The core element of the lift mechanism is a robust spring package The result: high durability combined with light operating forces



Motion technologies

Whether with SERVO-DRIVE or TIP-ON: combined with the right motion technology, they make opening and closing a memorable experience



Integrated safety mechanism

The innovative mechanism prevents the lever arm from opening unintentionally



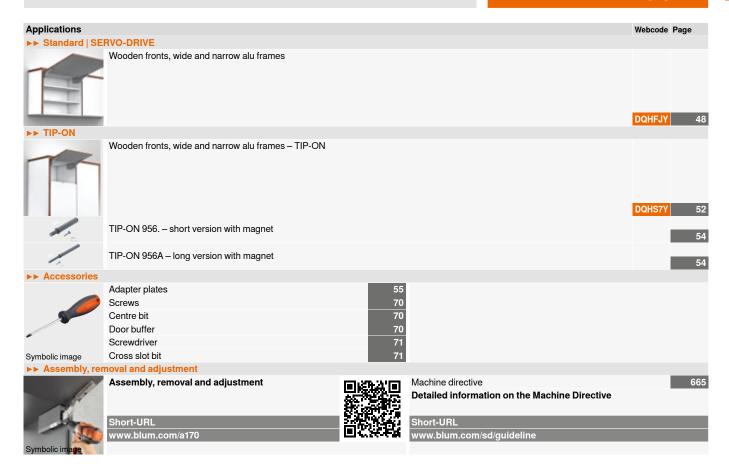
Integrated opening angle stop

The distance the front should open is infinitely variable and can therefore be set exactly as required

# AVENTOS HK top – stay lift Overview ◄

# Lift systems





Pictograph

Item Available Upon Request

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### Lift systems

- AVENTOS HK top stay lift
- ▶▶ Standard | SERVO-DRIVE

### **Ablum**°

#### Wooden fronts, wide and narrow alu frames DQHFJY Well-suited for low frontal heights in the wall cabinet, Power factor LF the high cabinet and over the refrigerator Cabinet height KH (mm) x door weight incl. double - Cabinet height KH 205-600 mm handle weight (kg) - Cabinet width KB up to 1800 mm - Silent and effortless closing, thanks to **BLUMOTION** - Light operating forces We recommend the more powerful lift mechanism for Perfect motion with a variable stop overlapping areas. Tool-free assembly -3-dimensional front adjustment - Simple, infinitely variable lift mechanism - No hinges are necessary - Integrated safety mechanism - Integrated infinitely variable opening angle stop Standard

#### **Order information** Lift mechanism set Fixing with pre-mounted system screws Power factor LF Opening angle Part no. 420-1610 107° 107° 930-2800 뗴 22K2710 1730-5200 107° 3200-9000 107° 22K2910 Composed of:

1 2 x Symmetrical lift mechanism with pre-mounted system screws

Note

Max. door weight 18 kg for two lift mechanisms.

The power factor LF can be increased by 50 % when a third lift mechanism is used. The power factor LF and the door weight can be increased by 50 % when a third lift mechanism is used. The reason for this is to prevent the middle of the front from sagging when open

The	The reason for this is to prevent the middle of the front from sagging when open							
1	1 Lift mechanism set							
Fix	ing wi	th chipboard screws with p	oositioning system					
		Power factor LF	Opening angle	Part no.				
명	阿爾	420-1610	107°	22K2300				
	128) 129	930-2800	107°	22K2500				
	الم.	1730-5200	107°	22K2700				
		3200-9000	107°	22K2900				
Cor	nposed	of:						
1	2 x l	ift mechanism (symmetrical)						
		ncl. positioning system						
-	8 x 0	Chipboard screws Ø 4 x 35 mm						
Not	e							
Max	Max. door weight 18 kg for two lift mechanisms.							
The power factor LF can be increased by 50 % when a third lift mechanism is used. The power								

The power factor LF can be increased by 50 % when a third lift mechanism is used. The power factor LF and the door weight can be increased by 50 % when a third lift mechanism is used. The reason for this is to prevent the middle of the front from sagging when open

3		Cover cap set				
		Colour	Material	Part no.		
		HGR   SW   TGR	Nylon	22K8000		
Con	npose	d of:				
-	- 1 x Cover cap left					
3b	1 x	Cover cap right				
3c	2 x	2 x Branding element, stamped with Blum logo				

3	Cover cap set for S	Cover cap set for SERVO-DRIVE				
	Colour	Material	Part no.			
	HGR   SW   TGR	Nylon	23K8000			
Composed of:						

3a 1 x SERVO-DRIVE cover cap left

3b 1 x Cover cap right

48

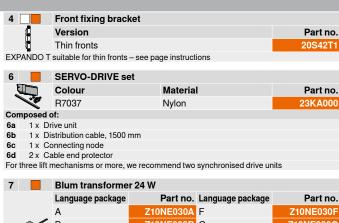
IN-G

3c 2 x Branding element, stamped with Blum logo

3d 2x SERVO-DRIVE switch

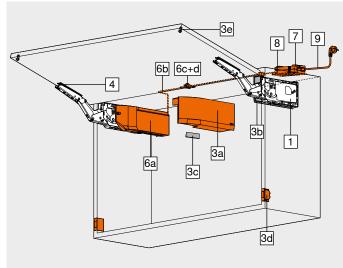
3e 2 x Blum distance bumper, Ø 5 mm

4		Front fixing bracket set			
11		Version		Part no.	
		Wooden fronts and wide alu frames	1	20S4200	
	4	Narrow alu frames		20S4200A	
1	Use 4 chipboard screws (609.1x00) per side for wooden fronts				
1	Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames				



SERVO-DRIVE





# AVENTOS HK top – stay lift ◀ Standard | SERVO-DRIVE ◀◀

### Lift systems

**Ablum** 

#### Wooden fronts, wide and narrow alu frames DQHFJY **Order information** Transformer unit housing Accessories Colour Material Part no. Distribution cable and cable end protector WGR Nylon Z10NG120 Colour Length (m) Part no. For Blum transformer 24 W S 8 0 Composed of: 9 Flex 6b 1 x Distribution cable Part no. Market Part no. 5 x Cable end protector Can be used as a distribution cable Z10M200A JP AR Z10M200 For cutting to size UK **Z10M200B** AU Z10M200K СН Z10M200C CL Z10M200L Connecting node and cable end protector DK Z10M200D CN Z10M200N Colour Material Part no. Z10M200S.01 Z10M200E BR Europe S Nylon Composed of: Europe Z10M200E.OS TW Z10M200T 1 x Connecting node 2 x Cable end protector IN Z10M200H US | CA Z10M200U Z10M200I ZA IL Without plug Cable holder Alternative to 7 | 8 | 9 Colour Material Part no. Blum plug-in transformer 12 W W Nylon Only suitable for one drive unit For example, for securing the distribution cable Network Lan-Network Part no. adapter Colour Colour guage guage Part no. HGR Light grey WGR White grey package package ត Z10NA30EFF SW Silk white S Black Е Α Dark grey RAL 7037 dust grey W TGR White ☎ Z10NA30EBF B Ε В ☎ Z10NA30BAF IN-G Inmold brushed stainless steel R7037 Е С ☎ Z10NA30ECF K D ☎ Z10NA30KDF ☎ Z10NA30EDF ត Z10NA30UGF Ε D U G ☎ Z10NA30EEF F F Composed of: 1 x Blum plug-in transformer 12 W Incl. cable, 1120 mm (with distribution cable extendible to max. 2000 mm) Other combinations available upon request See the Information chapter for a detailed market list

Page instructions				
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# Lift systems

- AVENTOS HK top stay lift
- ▶▶ Standard | SERVO-DRIVE

### **Ablum**

#### Wooden fronts, wide and narrow alu frames DQHFJY **Planning** Drilling position - system screws Drilling position - chipboard screws Space requirement 36 min 173 = min Ø 5 187 min 261\* **SERVO-DRIVE VO-DRIVE** 1.5 Internal cabinet height Min. 261 mm with visible wall hanging bracket Drilling depth 11.5 mm 4 x chipboard screws Ø 4 x 35 mm LH Front assembly - wooden fronts and wide alu Front assembly – narrow alu frames Narrow alu frames SFA - 4.5 SOB 62 + FAo <u>R4</u> 。 06 32 3 32 64 32 64 33 12.5 SFA <u>SFA</u> SFA min 1.4 19-22 max 7.5 Use 4 chipboard screws (609.1x00) for wooden fronts SOB Top panel thickness For frame width 19 mm, a side front overlay SFA of 11-18 mm Use 4 counter sunk self tapping screws (660.0950) for wide FAo Upper front overlay Max. 25.4 mm is possible alu frames When changing material thickness, adjust the assembly SOB Top panel thickness SFA Front overlay of the side panel FAo Upper front overlay Max. 25.4 mm Gap SFA Front overlay of the side panel Gap Space requirement - cornice | crown Minimum gap SOB $\mathbb{A}$ MF Space requirement (mm) Minimum gap 2 mm At max. opening angle $Y = FH \times 0.29 + FD - SOB$ FD (mm) 16 X (mm) 68 19 22 26 28 57 47 33 27 SOB Top panel thickness FH Front height Front thickness

### AVENTOS HK top – stay lift ◀ Standard | SERVO-DRIVE ◀◀

# Lift systems

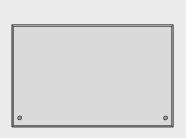


### Wooden fronts, wide and narrow alu frames

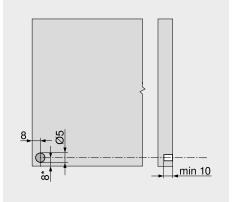
DQHFJY

#### **Planning**

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue) Do not use bumpers in the upper third

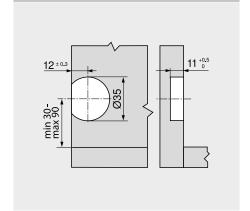


Recommendation for aluminium frames

Consider drilling for the Blum distance bumper in the cabinet side
A trial application must be carried out when fixing to the front

From cabinet bottom edge for fronts that protrude below

### SERVO-DRIVE switch



### Page instructions

More technical details

Overview - AVENTOS HK top Order specification - wooden fronts, wide and narrow alu frames Overview - assembly devices Machine directive

**AVENTOS HK top** 47 48 Short-URL 665 662 www.blum.com/i014

Assembly, removal and adjustment

www.blum.com/a170



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# Lift systems

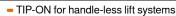
# ► AVENTOS HK top – stay lift

#### ▶▶ TIP-ON

### **Ablum**

# Wooden fronts, wide and narrow alu frames – TIP-ON





- Cabinet height KH 205-600 mm
- Cabinet width KB up to 1800 mm
- For drilling or in combination with adapter plates

#### Power factor LF

Cabinet height KH (mm) x door weight incl. double handle weight (kg)

DQHS7Y

We recommend the more powerful lift mechanism for overlapping areas.

#### TIP-ON

### Order information

### 1 Lift mechanism set for TIP-ON

#### Fixing with pre-mounted system screws

	Power factor LF	Opening angle	Part no.
<b>戶頭</b>	420-1610	107°	22K2310T
4	930-2800	107°	22K2510T
	1730-5200	100°	22K2710T
	3200-9000	100°	22K2910T

#### omposed of:

1 2 x Symmetrical lift mechanism with pre-mounted system screws

#### Note

Max. door weight 18 kg for two lift mechanisms.

The power factor LF can be increased by 50 % when a third lift mechanism is used. The power factor LF and the door weight can be increased by 50 % when a third lift mechanism is used. The reason for this is to prevent the middle of the front from sagging when open

### Lift mechanism set for TIP-ON

# Fixing with chipboard screws with positioning system Power factor LF Opening angle

	Power factor LF	Opening angle	Part no.
9	420-1610	107°	22K2300T
	930-2800	107°	22K2500T
	1730-5200	100°	22K2700T
	3200-9000	100°	22K2900T

### Composed of:

- 1 2 x Lift mechanism (symmetrical) Incl. positioning system
- 8 x Chipboard screws Ø 4 x 35 mm

#### Note

Max. door weight 18 kg for two lift mechanisms.

The power factor LF can be increased by 50 % when a third lift mechanism is used. The power factor LF and the door weight can be increased by 50 % when a third lift mechanism is used. The reason for this is to prevent the middle of the front from sagging when open

3		Cover cap set				
		Colour	Material	Part no.		
		HGR   SW   TGR	Nylon	22K8000		
Cor	mpose	ed of:				
_	1 x	Cover cap left				
3b	1 x	Cover cap right				
3с	2 x	Branding element, stamped with Blum logo				
		IN-G				

4		Front fixing bracket set		
	4 .	Version		Part no.
	1	Wooden fronts and wide alu frames	1	20\$4200
	- 4	Narrow alu frames		20S4200A
1	Use 4	chipboard screws (609.1x00) per side for wooden fronts		

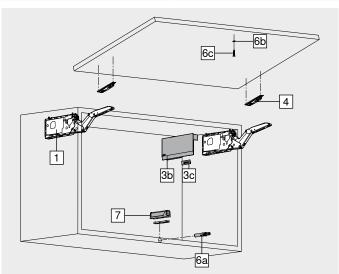
Use 4 counter sunk self tapping screws (660.0950) per side for wide alu frames

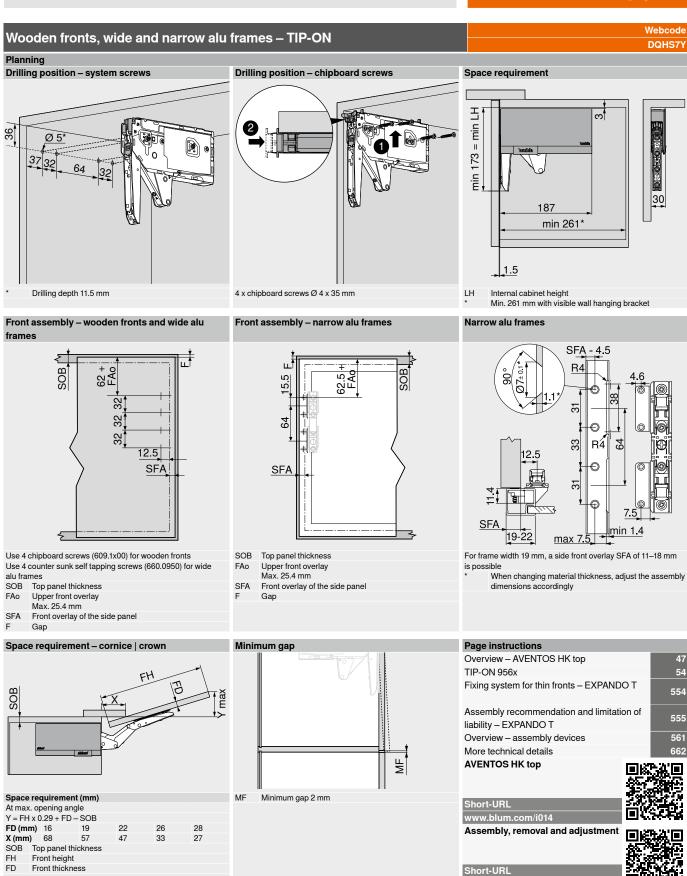
4	Front fixing bracket	
Д	Version	Part no.
Ħ	Thin fronts	20S42T1
EXPANDO	T suitable for thin fronts – see page instructions	



Ac	Accessories					
7		Adapter plate				
		Version	Colour	Part no.		
		Inline adapter plate – short version	SW   TS   R7036   NI-L	956.1201		
4	22	Inline adapter plate – long version	SW   TS   R7036   NI-L	956A1201		
		Cruciform adapter plate – long version	R7036	956A1501		

Colour		Colour	
HGR	Light grey	R7036	RAL 7036 platinum grey
SW	Silk white	NI-L	Nickel lacquered
TGR	Dark grey	IN-G	Inmold brushed stainless steel
TS	Terra black		





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### AVENTOS HK top – stay lift

#### **▶▶ TIP-ON**

# **Ablum**

### TIP-ON 956. – short version with magnet



 Colour
 Material
 Part no.

 SW | TS | R7036
 Nylon
 956.1004

 Composed of:
 Composed of:
 Output

Composed of:

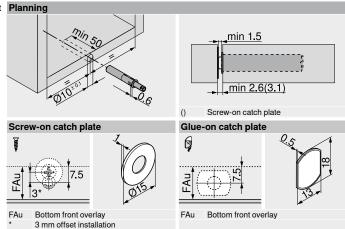
1 x TIP-ON 956. – short version with magnet

1 x Glue-on catch plate
Not suitable for powder-coated, waxed or oiled surfaces

1 x Screw-on catch plate
Colour

For stay lifts up to a height of 500 mm

- For drilling or in combination with adapter plates
- Output path approx.17 mm
- Setting +4/-1 mm



### TIP-ON 956A - long version with magnet



Silk white Terra black

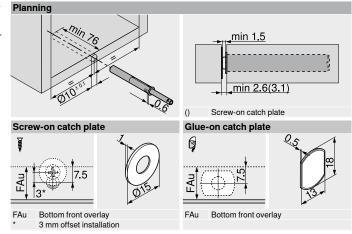
R7036 RAL 7036 platinum grey

SW

TS

Order information Colour Part no. Material SW | TS | R7036 Nylon Composed of: TIP-ON 956A – long version with magnet Glue-on catch plate 1 x Not suitable for powder-coated, waxed or oiled surfaces Screw-on catch plate Colour SW Silk white TS Terra black R7036 RAL 7036 platinum grey

- For stay lifts heights over 501 mm
- For drilling or in combination with adapter plates
- Output path approx.
- Setting +4/-1 mm



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Overview – AVENTOS HK top Accessories – straight adapter plates Accessories – cruciform adapter plates 47 Assembly, removal and adjustment 55

Short-URL www.blum.com/a170



#### **Assembly**

Drilling template for BLUMOTION | TIP-ON Positioning template for catch plate MINIPRESS top with EASYSTICK MINIPRESS top 632

