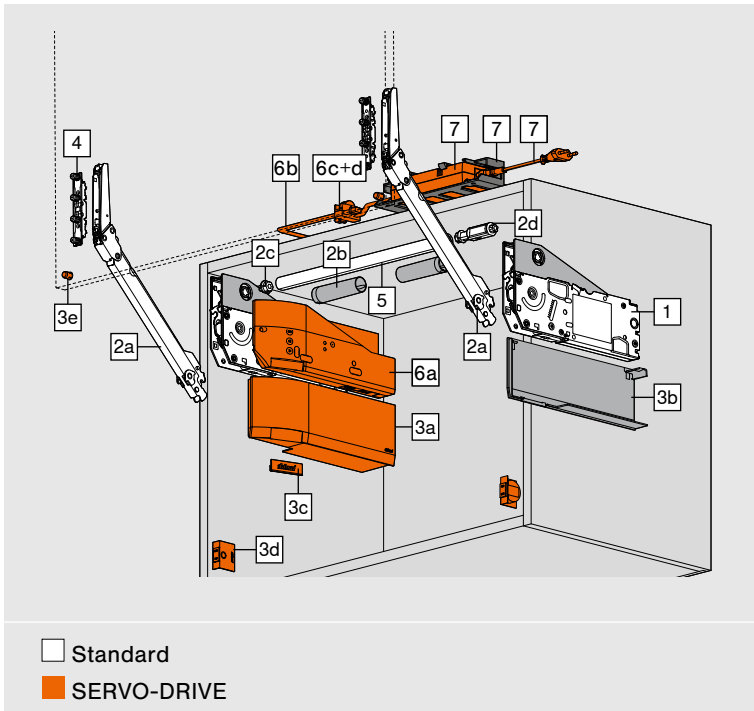


AVENTOS HL top

Technical data sheet





- Ideal for small one-part fronts
- Cabinet height 300-580 mm
- Cabinet width up to 1800 mm
- Internal depth of at least 264 mm
- Integrated BLUMOTION adjustment
- SERVO-DRIVE electrical motion support system
- Light operating forces
- Variable stop
- Standardised position of the lift mechanism and front fixing bracket
- Symmetrical lift mechanism and lever arm
- Tool-free assembly
- Two lift mechanism fixing methods
- 3-dimensional adjustment of the front

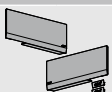
Ordering information

1		Lift mechanism set
		Fixing with pre-mounted system screws
	KH (mm)	
	300-389	22L2210
	390-580	22L2510
KH Cabinet height		
Consisting of:		
1	2 x	Symmetrical lift mechanism Incl. pre-mounted system screws

1		Lift mechanism set
		Fixing with chipboard screws with positioning system
	KH (mm)	
	300-389	22L2200
	390-580	22L2500
KH Cabinet height		
Consisting of:		
1	2 x	Symmetrical lift mechanism Incl. positioning system
-	8 x	Chipboard screws Ø 4 x 35 mm

2		Lever arm set
	Colour	Material
	NI	Steel
	KH (mm)	FG (kg)
	300-339	1.50-9.00
	340-389	1.75-10.00
	390-540	2.00-12.25
	480-580	2.50-14.00
FG Front weight including handle weight		
KH Cabinet height		
Consisting of:		
2a	2 x	Symmetrical lever arm
2b	2 x	Cross stabiliser cover cap
2c	1 x	Adapter for cross stabiliser rod
2d	1 x	Length adapter for cross stabiliser

Ordering information

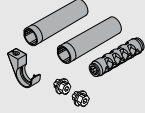
3		Cover cap set		
		Colour	Material	
		SW, HGR, TGR	K	22.8000
Consisting of:				
-	1 x	Cover cap left		
3b	1 x	Cover cap right		
3c	2 x	Branding element, embossed with Blum logo		
		IN-G		

3		Cover cap set for SERVO-DRIVE		
		Colour	Material	
		SW, HGR, TGR	K	23.8000
Consisting of:				
3a	1 x	SERVO-DRIVE cover cap left		
3b	1 x	Cover cap right		
3c	2 x	Branding element, embossed with Blum logo		
		IN-G		
3d	2 x	SERVO-DRIVE switch		
3e	6 x	Blum distance bumper Ø 5 mm		

4		Front fixing bracket set		
		Version	Fixing method	
		Wooden fronts and wide aluminium frames	Screw-on ¹	20S4200
		Narrow aluminium frames	Screw-on ²	20S4200A
Consisting of:				
4	2 x	Front fixing bracket		
¹ Use 4 chipboard screws (609.1x00) per side for wooden fronts. Use 4 countersunk self-tapping screws (660.0950) per side for wide aluminium frames.				
² Incl. 8 x countersunk self-tapping screws – 660.0950				

-		Front fixing bracket		
		Version	Fixing method	
		Thin fronts	EXPANDO T 2 x	20S42T1
		Wooden fronts	EXPANDO 2 x	20S42E1

5		Cross stabiliser		
		Length (mm)		
		1076		22Q1076U
For cutting to size				
Cutting	Internal cabinet width LW - 113 mm			

-		Connecting piece set for cross stabiliser		
		Recommended from an internal cabinet width 1190 mm or a cabinet width 1228 mm		
		Material		
		Zinc		22Q080Z

Consisting of:				
2b	2 x	Cross stabiliser cover cap		
2c	2 x	Adapter for cross stabiliser rod		
-	1 x	Connecting piece for cross stabiliser		
-	1 x	Cross stabiliser fixing		
Cutting for 5	Internal cabinet width LW/2 - 105 mm			

6		SERVO-DRIVE set		
		Colour	Material	
		RL037	K	23.A000
Consisting of:				
6a	1 x	Drive unit		
6b	1 x	SERVO-DRIVE distribution cable, 1500 mm		
6c	1 x	Connecting node		
6d	2 x	Cable end protector		
For three lift mechanisms or more, we recommend two synchronised drive units				

7		SERVO-DRIVE power supply unit and accessories		
See page 56				

Optional

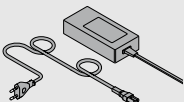
3c		Branding element		
		Material	Nylon	
			MOQ	
Customised, printed branding element			From 1000pcs.	
Customised, embossed branding element			From 5000pcs.	

Colours and material

Name	
SW	Silk white
HGR	Light grey
TGR	Dark grey
IN-G	In-mould brushed stainless steel
K	Nylon

SERVO-DRIVE power supply unit and accessories

Ordering information

1				SERVO-DRIVE power supply unit incl. flex			
							
Markets		Language package					
K		I		Z10NE04KI			
Incl. operating and installation instructions							
Consisting of:							
1a		1 x	SERVO-DRIVE power supply unit				
1b		1 x	Flex				

2		Power supply unit housing					
		Panel fixing					
		Colour		Material			
		WGR		K		Z10NG120	
For SERVO-DRIVE power supply unit							

Accessories

3		SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)		
	S	8	Z10K800AE	
Consisting of:				
3a	1 x	SERVO-DRIVE distribution cable		
3b	5 x	Cable end protector		
For cutting to size				

4		Connecting node and cable end protector		
	Colour	Material		
	S	K	Z10V100E.01	
Consisting of:				
4a	1 x	Connecting node		
4b	2 x	Cable end protector		

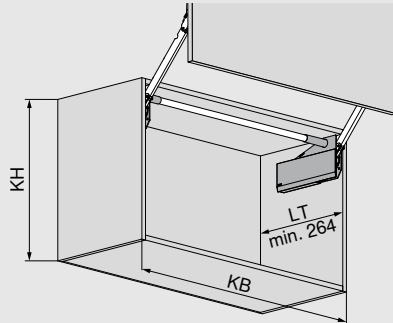
-		Cable holder		
	Colour	Material		
	W	K	Z10K0009	
E.g. for fixing the SERVO-DRIVE distribution cable				

Colours and material

Name	
WGR	White grey
S	Black
W	White
K	Nylon

Planning

Wooden fronts and wide aluminium frames

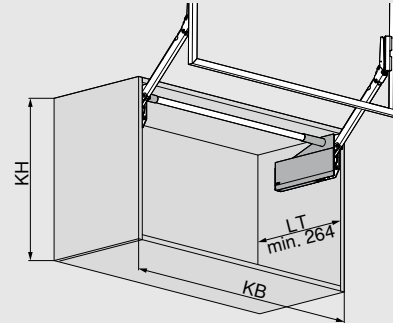


KB Cabinet width

KH Cabinet height

LT Internal cabinet depth

Narrow aluminium frames



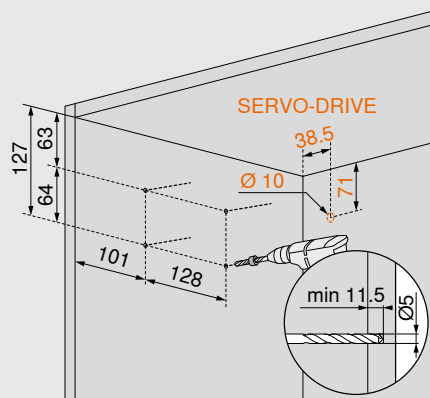
KB Cabinet width

KH Cabinet height

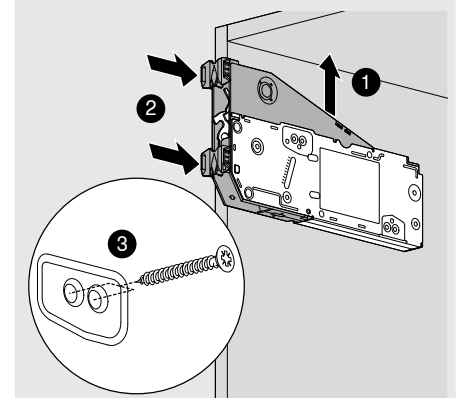
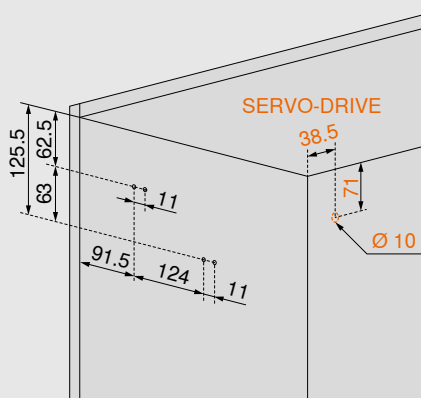
LT Internal cabinet depth

Drilling position

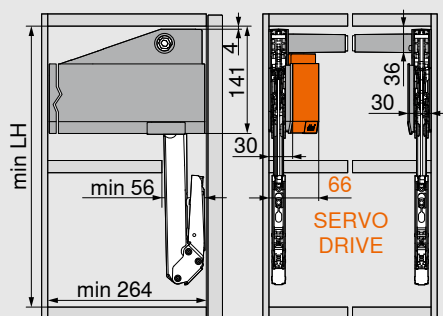
System screws



Chipboard screws incl. positioning system



Space requirement

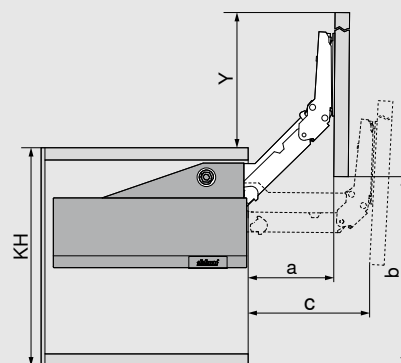


Lever arm	LH min. (mm) ¹
22L3200	255
22L3500	295
22L3800	345
22L3900	399

¹ Dimensions based on lower gap F = 0 mm

LH Internal cabinet height

Front setting



Lever arm	a (mm)	b (mm) ¹	c (mm)	Y (mm) ²
22L3200	112	272.5	155.5	272.5
22L3500	140.5	340	195	340
22L3800	176	425	245	425
22L3900	214.5	517	297.5	517

¹ Dimensions based on lower gap F = 0 mm

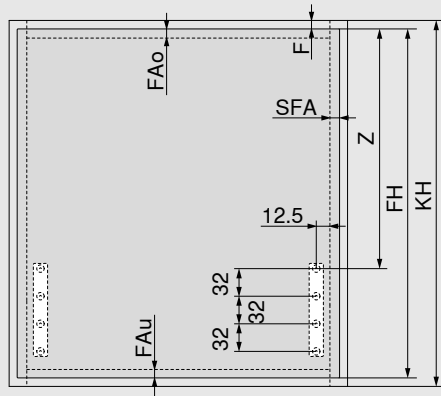
² Dimensions based on top gap F = 0 mm

KH Cabinet height

Planning

Front assembly

Wooden fronts and wide aluminium frames



Lever arm	Z
22L3200	113 + FAo
22L3500	153 + FAo
22L3800	203 + FAo
22L3900	256 + FAo

FAo Upper front overlay

FAu Bottom front overlay

F Gap

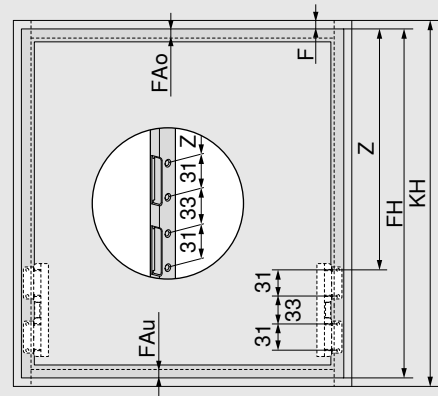
FH Front height

KH Cabinet height

SFA Side front overlay

Wall application: minimum 5 mm gap

Narrow aluminium frames



Lever arm	Z
22L3200	113.5 + FAo
22L3500	153.5 + FAo
22L3800	203.5 + FAo
22L3900	256.5 + FAo

FAo Upper front overlay

FAu Bottom front overlay

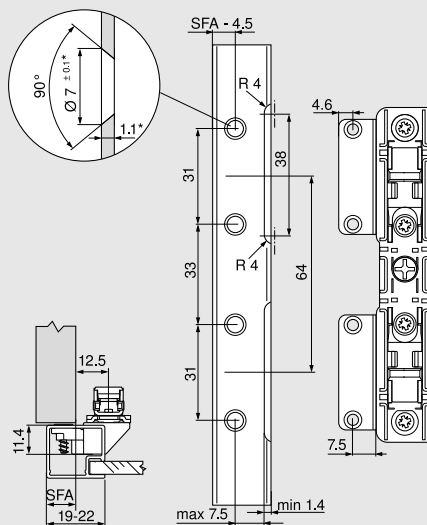
F Gap

FH Front height

KH Cabinet height

Wall application: minimum 5 mm gap

Narrow aluminium frames

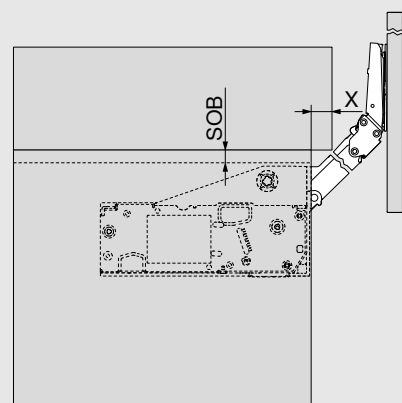


For frame width 19 mm, an SFA of 11-18 mm is possible.

* When changing material thickness, adjust the assembly dimensions accordingly

SFA Side front overlay

Space requirement – cornice | crown moulding



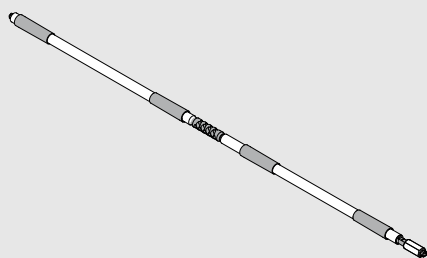
Top panel thickness (SOB)	X (mm)
16 mm	25
17 mm	26
18 mm	27
19 mm	28
20 mm	29

Planning

Extra wide applications

Cross stabiliser from an internal cabinet width ≥ 1190 mm or a cabinet width ≥ 1228 mm

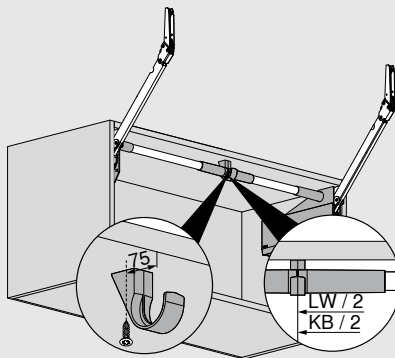
Cross stabiliser



$LW/2 - 105$ mm

LW Internal cabinet width

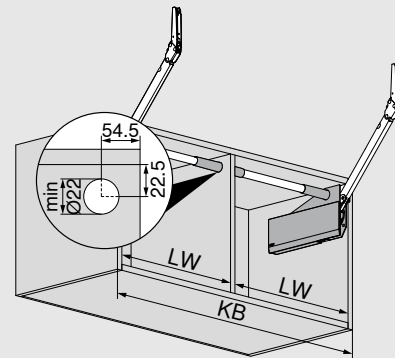
Cross stabiliser fixing



KB Cabinet width

LW Internal cabinet width

Version with dividing wall



KB Cabinet width

LW Internal cabinet width

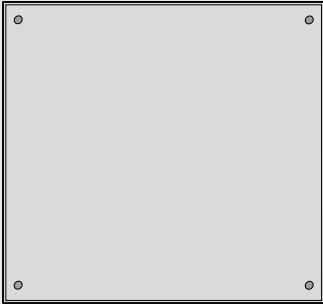


Find more information on assembly
and adjustment of AVENTOS HL top at
www.blum.com/hltopassembly

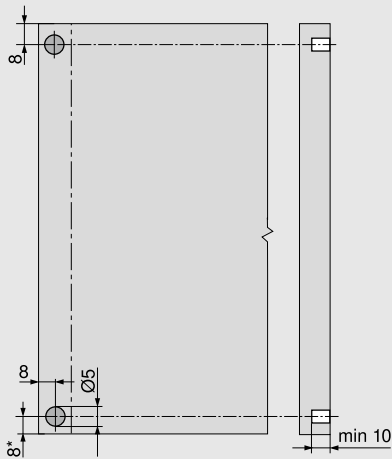
SERVO-DRIVE for AVENTOS HL top

Planning

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



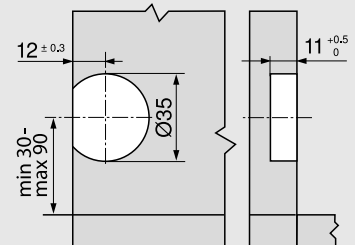
Recommendation for aluminium frames

Drill hole into cabinet side for Blum distance bumper

A trial application must be carried out if fixed to the front

* From cabinet bottom edge for fronts that protrude below

SERVO-DRIVE switch



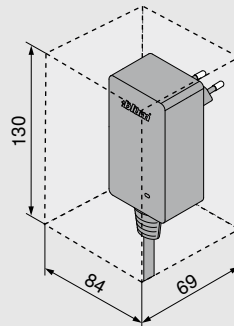
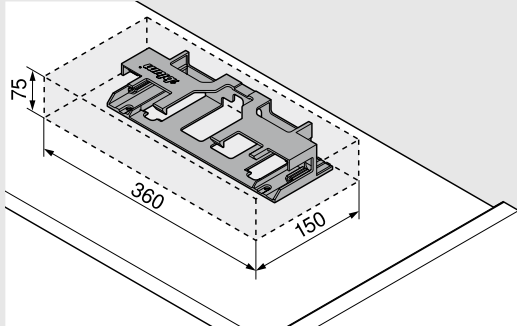
Our EASY ASSEMBLY app provides
information about assembly and adjustment
of AVENTOS HL top and SERVO-DRIVE

www.blum.com/eaapp

SERVO-DRIVE power supply unit and accessories

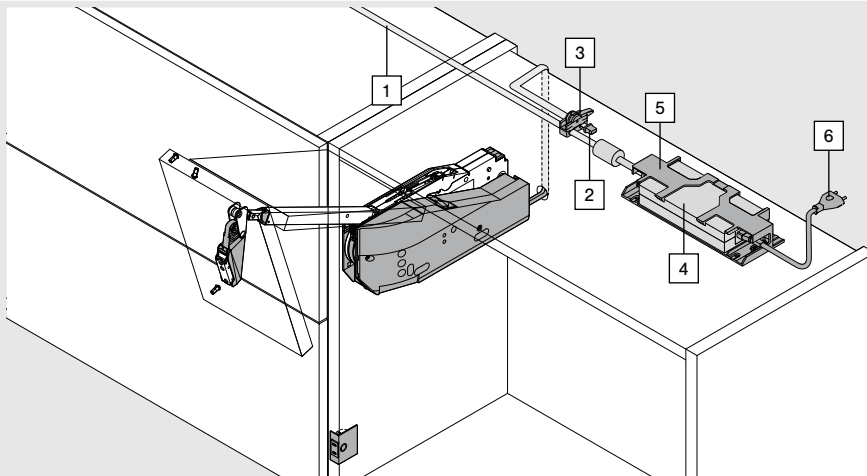
Planning

Space requirement and safety distance



i A safety distance of 30 mm must be maintained for air circulation (see graphic); otherwise, there is a risk that the SERVO-DRIVE power supply unit could overheat.

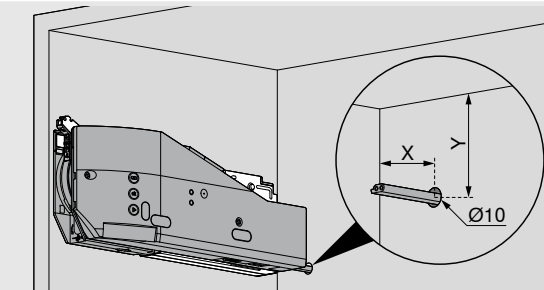
Assembly on the cabinet top panel



- 1 SERVO-DRIVE distribution cable
- 2 Connecting node
- 3 Cable end protector
- 4 SERVO-DRIVE power supply unit
- 5 Power supply unit housing
- 6 Flex

i Only one SERVO-DRIVE power supply unit can be connected to each SERVO-DRIVE distribution cable!

Back cabling



AVENTOS HL top

X (mm)	Y (mm)
38.5	71



Find more information on assembly and adjustment of SERVO-DRIVE for AVENTOS top at
www.blum.com/servodrive-aventos-assembly

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

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

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

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