

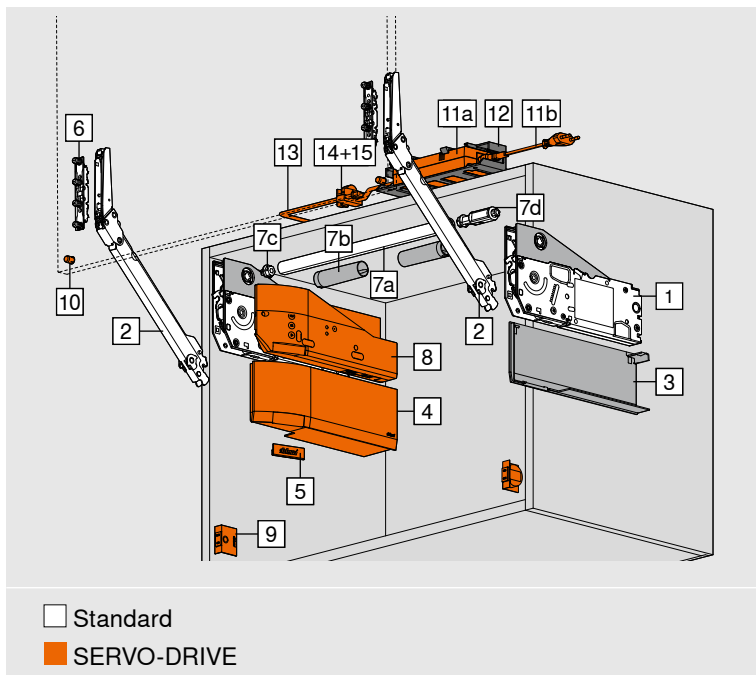
AVENTOS HL top

Technical data sheet



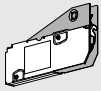
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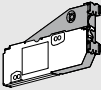
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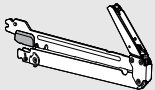


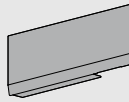
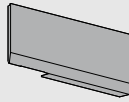
- Ideal for small one-part fronts
- Cabinet height 300-580 mm
- Cabinet width up to 1800 mm
- Internal depth of at least 264 mm
- Integrated BLUMOTION setting
- SERVO-DRIVE electrical motion support system
- Light operating forces
- Variable stop
- Standardised position of the lift mechanism and front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

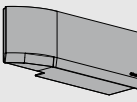
Ordering information

1		Lift mechanism
		Fixing with pre-mounted system screws
	KH (mm)	2 x
	300–389	22L2211
	390–580	22L2511
KH Cabinet height		
Symmetrical lift mechanism		
Incl. pre-mounted system screws		

1		Lift mechanism
		Fixing with chipboard screws with positioning system
	KH (mm)	2 x
	300–389	22L2201
	390–580	22L2501
KH Cabinet height		
Symmetrical lift mechanism		
Incl. positioning system		

2		Lever arm
		
	Colour	Material
	NI, ECS	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
2 x		
		22L3201
		22L3501
		22L3801
		22L3901
FG Front weight including handle weight		
KH Cabinet height		
Symmetrical lever arm		

3		Cover cap right
		
	Colour	Material
	SW, HGR, TGR	Nylon
		22.8001
-		Cover cap left
		
	Colour	Material
	SW, HGR, TGR	Nylon
		22.8001

5		SERVO-DRIVE cover cap left
		
	Colour	Material
	SW, HGR, TGR	Nylon
		23.8001

5		Branding element
		
	Material	Colour
	Nylon	SW-M, TGR
		IN-G
Printed *	2 x	ABD.1000.BL
Embossed *	2 x	ABD.1000.BT
Plain	2 x	ABD.1000
		ABD.1009

* With Blum logo

From 1000 pcs:

Customised, printed branding element

From 5000 pcs:

Customised, embossed branding element

Colours and material

Name			
SW	Silk white	NI	Nickel plated
HGR	Light grey	IN-G	In-mould brushed stainless steel
TGR	Dark grey		
ECS	Eclipse black		

Ordering information

6		Front fixing bracket		
	Version	Fixing method	2x	
	Wooden fronts and wide aluminium frames	Screw-on ¹	20S4201	
		EXPANDO	20S42E1	
		Knock-in	20S4231	
	Colour	NI, ONS		

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.

6		Front fixing bracket		
	Version	Fixing method	2x	
	Narrow aluminium frames	Screw-on ²	20S4201A	
	Colour	NI, ONS		

² Incl. 4 x countersunk self-tapping screws – 660.0950

6		Front fixing bracket		
	Version	Fixing method	2x	
	Thin fronts	EXPANDO T	20S42T1	
	Colour	NI, ONS		

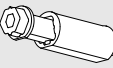
7		Cross stabiliser, pre-assembled	
	Cabinet width (mm)		
	600		22Q449M
	800		22Q649M
	900		22Q749M
	1000		22Q849M
	1200		22Q1049M
Colour	NI, ECS		
Consisting of:			
1 x	Cross stabiliser		
2 x	Cross stabiliser cover cap		
1 x	Adapter for cross stabiliser rod		
1 x	Length adapter for cross stabiliser		
Note			
For side panel thicknesses 15–19 mm			

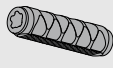
Alternative to 7

7a		Cross stabiliser		
	Length (mm)	Colour		
	1076 mm	NI, ECS	22Q1076U	
Cabinet width up to 1200 mm				
Side panel thickness 15–19 mm			KB - 151 mm	
Side panel thickness 20–25 mm			KB - 161 mm	
LW Internal cabinet width				
KB Cabinet width				

7b		Cross stabiliser cover cap		
	Colour	Material	2 x	
	TGR	Nylon	22Q0003	

7c		Adapter for cross stabiliser rod
	Material	
	Zinc	22Q0002

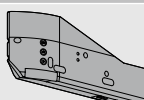
7d		Length adapter for cross stabiliser
	Material	
	Zinc	22Q0004

-		Connecting piece for cross stabiliser
	Material	
	Zinc	22Q080Z.1

Recommended from an internal cabinet width ≥ 1190 mm or a cabinet width ≥ 1228 mm

-		Cross stabiliser fixing		
	Colour	Material		
	TGR	Nylon	22Q0007	

Recommended from an internal cabinet width ≥ 1190 mm or a cabinet width ≥ 1228 mm

8	Drive unit		
	Colour	Material	
	TGR	Nylon	23.A001

We recommend one drive unit per set for connected fronts.

9		SERVO-DRIVE switch		
	Colour	Material	2 x	
	SW, HGR, TGR	Nylon	23P5020	
Incl. battery				

10		Blum distance bumper		
	Colour	Material	4 x	
	R7037	Nylon		
	Ø 5 mm	4 x	993.0530	
	Ø 8 mm	4 x	993.0830.01	

Accessories

-		Universal individual template
		
		65.1051.02

-		Marking template for AVENTOS HS top HL top HK top front fixing bracket
		
		ZML.2200

Colours and material

Name			
SW	Silk white	NI	Nickel plated
HGR	Light grey	ONS	Onyx black
TGR	Dark grey	ECS	Eclipse black
R7037	RAL 7037 dust grey		

Ordering information

11  SERVO-DRIVE power supply unit incl. flex					
Market	Language package		Market	Language package	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
Consisting of:					
11a	1 x	SERVO-DRIVE power supply unit Incl. operating and installation instructions			
11b	1 x	Flex Length 1.5–1.8 m, incl. plug			

12  Power supply unit housing			
Colour	Material		
WGR	Nylon		Z10NG120
For SERVO-DRIVE power supply unit			

-  SERVO-DRIVE plug-in power supply unit					
Only suitable for one drive unit					
Market	Language package		Market	Language package	
E	A	 Z10NA40EA	E	F	 Z10NA40EF
E	B	 Z10NA40EB	B	A	 Z10NA40BA
E	C	 Z10NA40EC	K	I	 Z10NA40KI
E	D	 Z10NA40ED	N	H	 Z10NA40NH
E	E	 Z10NA40EE	U	G	 Z10NA40UG
 Item available on request					
Consisting of:					
-	1 x	SERVO-DRIVE plug-in power supply unit Incl. cable, 1120 mm (with SERVO-DRIVE distribution cable extendible to max. 2000 mm) Incl. operating and installation instructions			

Accessories

13  SERVO-DRIVE distribution cable			
Colour	Length (m)		
SZ	6		Z10K600A
SZ	100		Z10K1HMA
For cutting to size			
14  Connecting node			
Colour	Material		
SZ	Nylon		Z10V1000.01
15  Cable end protector			
Colour	Material		
R7037	Nylon		Z10K0008
-  Cable holder			
Colour	Material		
WS	Nylon		Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			
-  SERVO-DRIVE switch attachment			
Colour	Material		2 x
SW, HGR, TGR	Nylon		Z10P5216
For attaching the SERVO-DRIVE switch to the cabinet side without milling			

Markets and language packages

Name			
Markets		Language packages*	
E	Europa	A	DE, EN, FR, IT, NL
B	UK	B	DA, EN, FI, NO, SV
H	IN	C	EL, EN, HR, SR, SL, TR
I	IL	D	EN, ES, FR, IT, PT
K	AU	E	CS, HU, PL, SK
N	CN	F	BG, ET, LV, LT, RO, RU, UK
R	KR	G	EN, ES, FR
S	BR	H	EN, ZH, KO
T	TW	I	EN
U	US CA JP	J	JA
Z	ZA	K	EN, ES, PT

* Language descriptions as per ISO-639

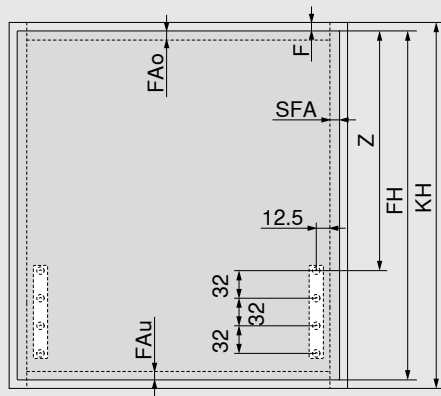
Colours and material

Name			
WS	White	TGR	Dark grey
SW	Silk white	SZ	Black
WGR	White grey	R7037	RAL 7037 dust grey
HGR	Light grey		

Planning

Front assembly

Wooden fronts and wide aluminium frames



Lever arm	Z
22L3201	113 + FAo
22L3501	153 + FAo
22L3801	203 + FAo
22L3901	256 + FAo

FAo Upper front overlay

FAu Bottom front overlay

F Gap

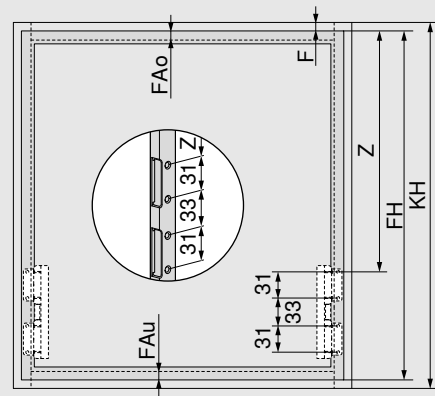
FH Front height

KH Cabinet height

SFA Side front overlay

Wall application: minimum 5 mm gap

Narrow aluminium frames



Lever arm	Z
22L3201	113.5 + FAo
22L3501	153.5 + FAo
22L3801	203.5 + FAo
22L3901	256.5 + FAo

FAo Upper front overlay

FAu Bottom front overlay

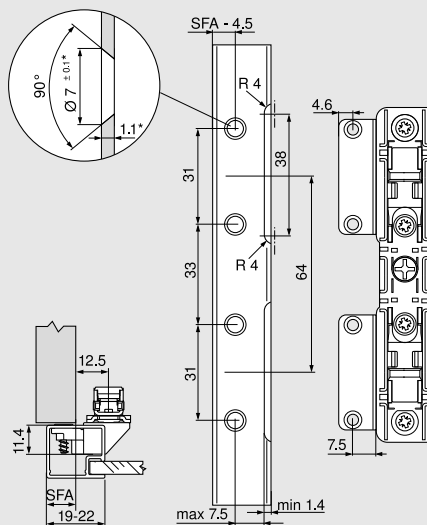
F Gap

FH Front height

KH Cabinet height

Wall application: minimum 5 mm gap

Narrow aluminium frames

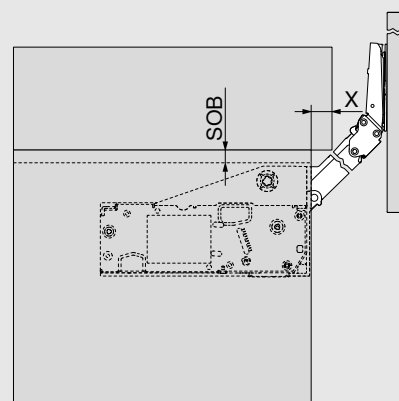


For frame width 19 mm, an SFA of 11-18 mm is possible.

* When changing material thickness, adjust the assembly dimensions accordingly

SFA Side front overlay

Space requirement – cornice | crown moulding



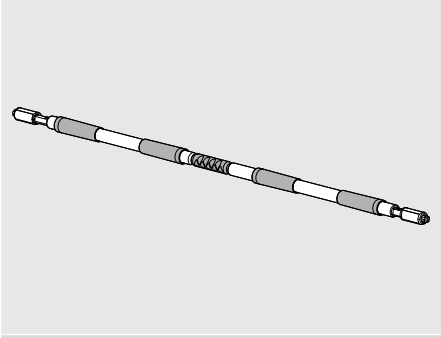
Top panel thickness (SOB)	X (mm)
16 mm	25
17 mm	26
18 mm	27
19 mm	28
20 mm	29

Planning

Extra wide applications

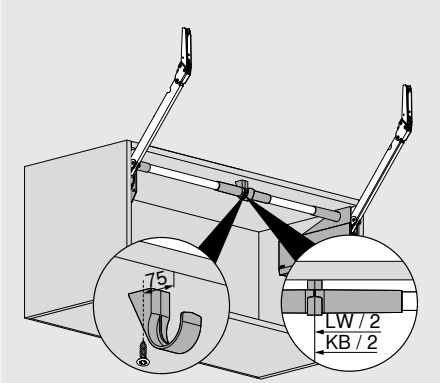
Cross stabiliser from an internal cabinet width ≥ 1190 mm or a cabinet width ≥ 1228 mm

Cross stabiliser



Cabinet side panel thickness	
15–19 mm	20–25 mm
KB/2 - 151 mm	KB/2 - 161 mm
KB Cabinet width	

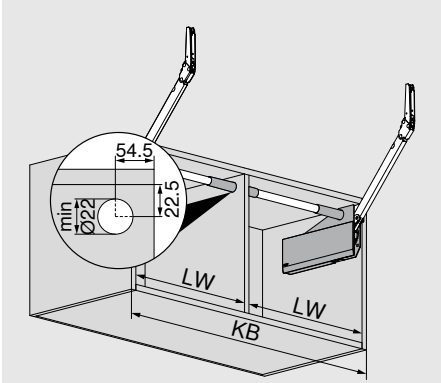
Cross stabiliser fixing



KB Cabinet width

LW Internal cabinet width

Version with dividing wall



KB Cabinet width

LW Internal cabinet width

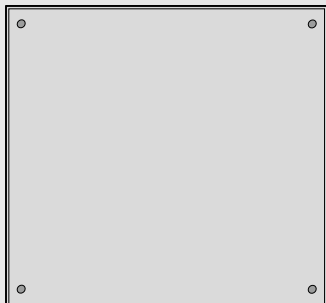


Find more information on assembly
and adjustment of AVENTOS HL top at
www.blum.com/hltopassembly

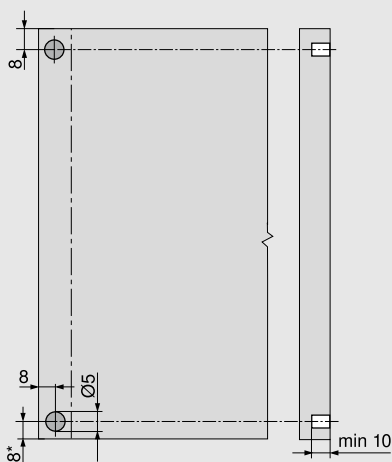
SERVO-DRIVE for AVENTOS HL top

Planning

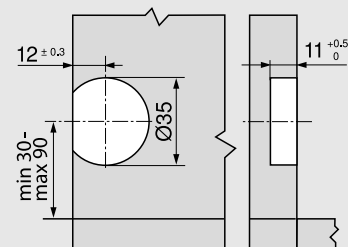
Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



SERVO-DRIVE switch



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



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 or SERVO-DRIVE plug-in 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

	X (mm)	Y (mm)
AVENTOS HL top	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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System



ISO 14001
Certified Environmental
System



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System

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