

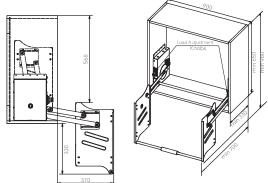
Overhead & Midway solutions

OVERHEAD SYTSTEMS



Kitchen Pulldown System 900mm

- Thoughtfully designed for kitchen overhead units
- Soft pulldown & Soft lift up feature
- Ability to adjust the load as per requirement
- Cabinet internal width: 864-868mm
- Baskets can easily be removed for cleaning and clipped back
- Available in two options SS 304 Basket/Glass Basket
- Load Capacity: 12 Kgs
- Finish: AT (Mechanism)







Glass Basket SS 304 Basket

OVERHEAD SYTSTEMS



Eurolift Flap Door System

SHUTTER SIZE SELECTION CHART

Eurolift Flap Door - Single Side / Eurolift Flap Door - Double Side							
Height (mm) (H) (mm) (W)	300	400	500	600	720	800	900
600							
900						XXX	XXX
1200							

• Ideal for overhead hanging cabinet doors

Shutter height: 300 - 720mm Shutter width: 600 - 900mm Shutter weight: 2.5 - 8.5 Kgs

- Flap type fully openable door for easy accessibility
- The kit consists of mechanism with Cover, Hinge Clip-on Bracket, Allen Key and Self Tapping Screws
- Recommended to use Ebco Soft Close Hinges (Code: E-HSM1-M1)

OVERHEAD SYTSTEMS



Eurolift Bifold Door System

SHUTTER SIZE SELECTION CHART

Eurolift Bi-Fold Door - S	Single Side	:
Eurolift Bi-Fold Door - [Double Side	
Height Width (mm) (H) (mm) (W)	585-630	690-750
300		
600		
900		
1200		

Description	For EBFD 60	EBFD72
Shutter width	300 - 900mm	300 - 900mm
Shutter weight	1.3 - 3.7 Kgs	1.4 - 4.3 Kgs

- Ideal for overhead hanging cabinets
- Folding type doors in open condition for space saving
- The kit consists of mechanism with Cover, Hinge Clip-on Bracket, Folding Hinge (2 Nos.), Allen Key and Self Tapping Screws
- Recommended to use Ebco Soft Close Hinges (Code: E-HSM1-M1)

OVERHEAD SYTSTEMS



Shutter Lift Heavy

- Shutter opening angle 100°
- Door Thickness: 16-28mm
- Suitable for wooden and framed glass doors
- Soft-Close, Lift-Up & Close, Silent motion and easy to use fitting
- Suitable for Kitchen, Living Room, Office & Bathroom

CABI	USAGE	
HEIGHT	WIDTH	ADVICE
240-600mm	Up to 1000mm	1 Side
240-600mm	Up to 1500mm	2 Side

Note: Approximate recommended size based on 18mm MDF board. Values will change with board thickness.



OVERHEAD SYTSTEMS



Kitchen Plate Tray/Glass Tray/Drip Tray

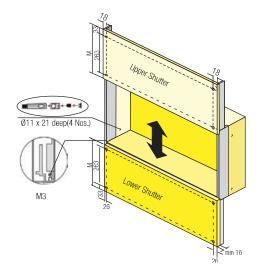


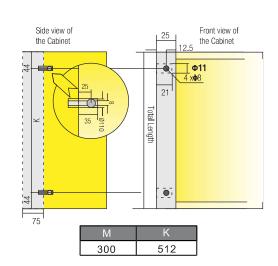
Kitchen Plate Rack/Glass Rack/Drip Tray (w/o Rod Support & Anchors)



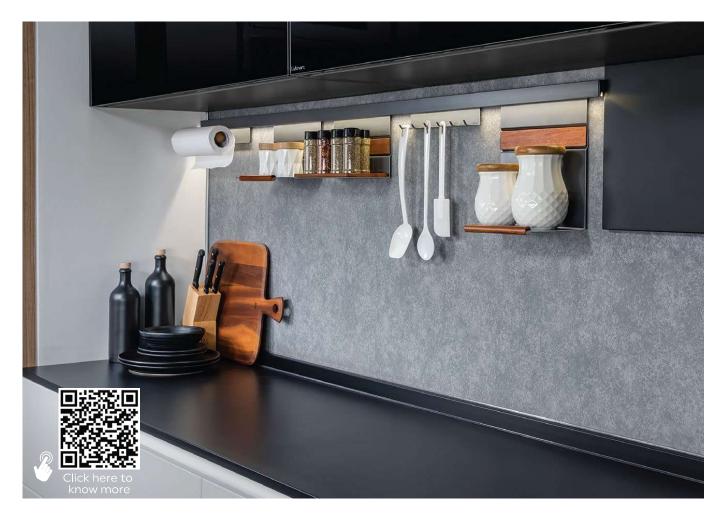
- Versatile and compact lift systems with strong functional appeal
- Synchronously opens shutters in up & down directions.
- Suitable for a vast range of furniture applications Kitchens, Living rooms, etc.
- Shutter Height: 600mm (300 x 2 Shutters)
- Shutter Weight: Up to 30Kgs (15 x 2 Shutters)
- Shutter Width: Up to 2 mtrs
- Thickness: 16mm min
- Finish AS







MIDWAY SYTSTEMS

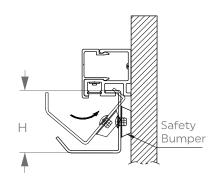


Kitchen Midway Systems

Maximise Your Kitchen Space. Get Easy Access To Kitchen Tools!

A new series of Kitchen Midway Systems from Livsmart for the best utilization of splashback area between overhead cabinets and below-the-counter units. They improve efficiency and allow easy access to frequently used kitchen items.

- Unique Anthracite finish blended with natural wood complement every kitchen decor
- Track with LED enhances the ambience of kitchen decor. Recommended to use with power supply unit. (Code: PSU-2425) [Note: Track w/o LED lights also available.]
- Available Track Size: 900 & 1200mm
- Flexible design enables the user to change the combination of racks as per convenience
- Safety Bumpers provided for stability and ensures grip on the wall (restricts unwanted movement)
- · Natural wooden panels for greater aesthetic appeal



| MIDWAY SYTSTEMS |



ltem	Code	H (mm)	Load Capacity	Finish
Kitchen Midway Aluminium Track (without LED) 900mm	KMS-AT	-	20 kg	АТ
Kitchen Midway Aluminium Track (with LED) 900mm	KMS-L-AT	-	20 kg	АТ
Kitchen Midway Aluminium Track (without LED) 1200mm	KMS-120-AT	-	25 kg	АТ
Kitchen Midway Aluminium Track (with LED) 1200mm	KMS-L120-AT	-	25 kg	АТ
Kitchen Midway Shelf	KMS-S	157	5 kg	AT (with wood)
Kitchen Midway Shelf with Spice Rack – Round	KMS-S-SR-R	150	5 kg	AT (with wood)
Kitchen Midway Shelf with Gallery	KMS-S-G	157	5 kg	AT (with wood)
Kitchen Midway Shelf Tall	KMS-ST	250	5 kg	AT (with wood)
Kitchen Midway Shelf Tall with Gallery	KMS-ST-G	250	5 kg	AT (with wood)
Kitchen Midway Ladle Rack	KMS-LR	40	5 kg	АТ
Kitchen Midway Towel Rack	KMS-TR	48	1 kg	AT (with wood)



AVENTOS lift systems deliver enhanced convenience to wall cabinets. Even wide fronts open with ease, hold in any position desired and close softly and effortlessly with soft-close BLUMOTION.

- 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
- BLUMOTION soft and effortless closing action
- 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, HS, HL and HK top.



TIP-ON, the mechanical opening support system for AVENTOS HK top, HK-S and 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.

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	Screwdriver 67
	Cross slot bit 67
Symbolic image	
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An inspiring range of lift systems



The mesmerising motion of AVENTOS lift systems is also available for wall cabinets with mitres or rebates. Only minor positional adjustments need be made to standard fittings.

The new applications allow you to translate creative design ideas into action. Wall cabinets with lift systems are particularly convenient because fronts glide up and out of the user's way, providing freedom of movement.

AVENTOS wall cabinet fronts also hold in any position desired when open and are therefore always within easy reach for closing. Extra convenience is provided by the SERVO-DRIVE or TIP-ON opening support systems.



Mitred applications



Rebated 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

Lift system for large bi-fold fronts



The AVENTOS HF has a two-part front that folds together in the centre when opening. The bi-fold lift system is ideal for higher wall cabinets with large fronts because the handle remains easy to reach in any position. AVENTOS HF can also be used with fronts of different heights.

- Soft and effortless closing thanks to
 - **BLUMOTION**
- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Small range, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- Free positioning of handles
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall

Enhanced opening and closing ease





Lift systems open effortlessly with AVENTOS HF. Even heavy fronts only require light operating forces. The variable stop ensures that fronts always remain in the desired position.



both heavy and light fronts close softly and effortlessly.



Thanks to integrated BLUMOTION, The cover cap is available in silk white, light grey and dark grey.

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: excellent durability.



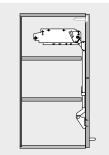
No protruding parts

Removable telescopic arm - an advantage for furniture manufacturing and kitchen installation.



Includes a finger safety feature

The CLIP top centre hinge with innovative technology ensures finger safety.



Similar shelves possible

Depending on the height of the cabinet, two identical shelves can be used.

$\textbf{Lift systems} \ \rangle \ \textbf{AVENTOS HF-bi-fold lift system} \ \rangle \ \textbf{Overview}$



Applications				Web code	Page
Standard SERVO	-DRIVE				
	Wooden fronts and wide alu frames			DODOVI	00
Symbolic image	Narrow alu frames			DQD8YM	
Symbolic image				DQD9NY	24
Accessories					
40	Opening angle stop	21	Door buffer		66
200	Hinge set	28	Screwdriver		67 67
20 0	Mounting plates	144	Cross slot bit		67
1.9 40	Hinge arm cover cap	151			
	Screws	66			
Symbolic image	Centre bit	66			
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Symbolic image	Short URL www.blum.com/a110		Short URL www.blum.com/sd/guideline		

Pictograph

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Item available on request

Wooden fronts and wide alu frames

Ideal for wall cabinets with bi-fold fronts

- Cabinet height KH 480-1040 mm
- Cabinet width KB up to 1800 mm
- Soft and effortless closing thanks to BLUMOTION

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- Light operating forces
- Variable stop
- Tool-free assembly
- =3-dimensional adjustment of both fronts
- Simple, infinitely variable lift mechanism
- Centre hinge with finger safety feature

Part no.

Power factor LF

Cabinet height KH (mm) x combined weight of top and bottom fronts FG including handle (kg)

Web code

DQD8YM

Theoret, cabinet height TKH

Upper front height FHo (mm) x 2 + gaps

We recommend the more powerful lift mechanism for overlapping areas!

Order information Standard SERVO-DRIVE Lift mechanism set Power factor LF Note Part no. 2600-5500 1 pc = LF 960-2650 20**F**2500.05 5350-10150 3 pc = LF 13500 -9000-17250 20F2800.05 25900 Consisting of: 2 x Lift mechanism (symmetrical) 8 x Chipboard screws Ø 4 x 35 mm Telescopic arm set Cabinet height KH (mm) Part no. 480-570 20F3200.01 560-710 20F3500.01 700-900 20F3800.01 760-1040 Consisting of: 2 x Telescopic arm (symmetrical) Theoretical cabinet height TKH for asymmetrical fronts Cover cap set Material Colour Part no. SW | HGR | TGR Nylon Consisting of: 1 x Cover cap left

12	1011 [6c		7 8 9	
4 2		6b 6d		T. I.	
3e 	1	6a		1 3b	
			3c 3a		
3d-					

7	24 W SERVO-DRIVE power supply unit					
	Language package ¹	Language ²	Part no.			
	Α	DE EN FR IT NL	Z10NE030A			
	В	DA EN FI NO SV	Z10NE030B			
	С	EL EN HR SL SR TR	Z10NE030C			
\ <u>_</u>	D	EN ES FR IT PT	Z10NE030D			
	E	CS HU PL SK	Z10NE030E			
	F	BG ET LT LV RO RU	Z10NE030F			
	G	EN ES FR	Z10NE030G			
	Н	EN ZH	Z10NE030H			
	J	JA	Z10NE030J			

Incl. operating and installation instructions Without flex

Language package – Operating and installation instructions

4	Mounting plate for telescopic arm					
Recomme	ndation					
	Fixing method	Spacing (mm)	Part no			
De	Screw-on		175H310			
485		_				

Material

Nylon

All horizontal steel mounting plates with 0 mm spacing possible

Use 2 chipboard screws (609.1x00) per side for wooden fronts

Use 2 counter sunk self tapping screws (660.0950) per side for wide alu frames

6	SERVO-DRIVE set		
	Colour	Material	Part no.
1.0	R7037	Nylon	21FA000

R7037
Consisting of:

3b

3

3b

3с

3d

3e

Consisting of:

1 x Cover cap right

Colour

1 x Cover cap right

2 x SERVO-DRIVE switch

IN-G

SW | HGR | TGR

1 x SERVO-DRIVE cover cap left

 $6 \, x \,$ Blum distance bumper, Ø 5 mm

2 x Branding element, stamped with Blum logo

2 x Branding element, stamped with Blum logo

Cover cap set for SERVO-DRIVE

6a 1 x Drive unit
 6b 1 x SERVO-DRIVE distribution cable, 1500 mm

6c 1 x Connecting node6d 2 x Cable end protector

For three lift mechanisms or more, we recommend two synchronised drive units

2	Language descriptions as per ISO-639						
8		Power supply unit housing					
ď	Colour				Part no.		
	WGR		Nylon		Z10NG120		
For	24 W SEI	RVO-DRIVE power su	pply unit				
_		_					
9		Flex					
		Market	Part no.	Market	Part no.		
		ΔR	710M200A	.IP	710M200.I		

9	Flex							
	Market	Part no.	Market	Part no.				
	AR	Z10M200A	JP	Z10M200J				
\	GB	Z10M200B	AU	Z10M200K				
	CHILI	Z10M200C	CL	Z10M200L				
	DK	Z10M200D	CN	Z10M200N				
W	Europe	Z10M200E	BR	Z10M200S.01				
	Europe ¹	Z10M200E.OS	TW	Z10M200T				
	IN	Z10M200H	US CA	Z10M200U				
	IL	Z10M200I	ZA	Z10M200Z				
Length 2 m, ii	ncl. plug							
1 Witho	1 Without plug							

21

-Woodell	fronts and w	mac alu II al							DQD8YN
Order info	ormation								
Alternativ	ve to 7 8 9				13	Mounting plate for C	CLIP top-centr	e hinge	
	12 W SERVO	DRIVE plug	-in power supply u	nit	Recomm	endation			
Only suita	able for one dr	ive unit				Fixing method	Spacing	(mm)	Part no
	Network	Language	Language ³	Dout no	de	Screw-on	1		175H3100
	adapter1	package ²	Language ³	Part no.	8	EXPANDO	0		177H3100
		Α	DE EN FR IT N	NL 210NA30EAF		Knock-in			177H3100
		В	DA EN FI NO	SV 210NA30EBF		nounting plates with 0 mm sp			
		0	EL EN HR SL	G 740NA00E0E	Only use co	ruciform mounting plates for	wide aluminium f	rames under a 57	mm frame frieze
	_	С	SRITR	ත Z10NA30ECF		e chipboard screws (609.1x0	0) for wooden fro	nts	
	E	D	EN ES FR IT F	PT 210NA30EDF		e counter sunk self tapping s			es
-		E	CS[HU]PL[SK	☎ Z10NA30EEF	A	utaa			
	•	_	BG ET LT LV		Accesso				
		F	ROIRU	☎ Z10NA30EFF	- 🗀	Opening angle stop			
	В	Α	DE EN FR IT I	NL ☎ Z10NA30BAF	A	Opening angle OW	Colour		Part no
	K	D	EN ES FR IT F			104°	TGR		20F705
	Ü	G	EN ES FR	☎ Z10NA30UGF	-	83°	R7037		20F7011
Consisting		ч	LIVILOTITE	E ZiotAssoci		SERVO-DRIVE distr	ibution aabla	and aabla and	protostor
	12 W SERVO-DRI	VE plug-in powe	er supply unit			Colour			Part no
		ım (with SERVO	-DRIVE distribution cab	le extendible to max.			Length (r	11)	Z10K800AE
ء Network ac	2000 mm)				Consisting	SZ n of:	8		ZIUKOUUAL
	// 🖂					SERVO-DRIVE distribution o	cable		
E S	, Β∦ _s , β k	C TO CONTRACT OF U				Cable end protector			
مبرج Other comb	וישכיון pinations available	upon request			For cutting		h		
¹ See	the Information cl	hapter for a deta			Can be use	ed as a SERVO-DRIVE distri	bution cable		
	0 0 1 0		nstallation instructions		_	Connecting node ar	nd cable end p	rotector	
Lan	guage description	is as per ISO-63	39		See	Colour	Material		Part no
10	CLIP top 120)° hinge				SZ	Nylon		Z10V100E.0
	Boss	_	Spring	Part no.	Consisting	g of:	1		
	INSERTA			70T5590BTL		Connecting node			
	Screw-on	1	Unsprung	70T5550.TL	6d 2 x Tool-free a	Cable end protector			
3oss overl	ay TO (fixed dime	ension)		11 mm	1001-11ee a	ssembly			
			r starting from 12 kg fron			Cable holder			
	cabinet width KB chipboard screws		r starting from 20 kg from	it weight FG		Colour	Material		Part no
			(660.0950) for wide alu	frames		WS	Nylon		Z10K0009
		0	,		E.g. for fixing	ng the SERVO-DRIVE distrib	oution cab l e		
Alternativ					Colour		Colour		
10	CLIP top 120	o° special hir	nge for larger front	overlay		Light grey	WGR	White grey	
A	Boss		Spring	Part no.		Silk white	SZ	Black	
	INSERTA		Unsprung	72T5590BTL		Dark grey RAL 7037 dust grey	WS IN-G	White	ned stainless steel
	Screw-on	'	Chaptung	72T5550.TL	11/03/	TIAL 1007 dual grey	IIN-G	in-mould brust	100 Stail 11055 Steel
	ay TO (fixed dime			13 mm					
			r starting from 12 kg fron r starting from 20 kg fron						
	chipboard screws			it weight i G					
Use	counter sunk self	tapping screws	(660.0950) for wide alu	frames					
11	Mounting of	ate for CLID	top 120° hinge						
Recomm		ate for OLIF	top 120 milye						
		od	Spacing (mm)	Part no.					
100	Fixing metho	00	Spacing (mm)						
62	Screw-on		0	175H3100					
	EXPANDO		0	177H3100E					
75.0	Knock-in			177H3100					
Otond		oping deserted	on the upper for the						
	ounting plates, sp		on the upper front overla er side for wooden front:						
Use	nounting plates, sp 2 chipboard scre	ws (609.1x00) pe	on the upper front overla er side for wooden front: vs (660.0950) per side fo	S					
Use Use	nounting plates, sp 2 chipboard scre 2 counter sunk se	ws (609.1x00) pe elf tapping screv	er side for wooden front	S					
Use Use	oounting plates, sp 2 2 chipboard scree 2 2 counter sunk se CLIP top cer	ws (609.1x00) pe elf tapping screv ntre hinge	er side for wooden front ws (660.0950) per side fo	s or wide alu frames					
¹ Use	nounting plates, sp 2 chipboard scre 2 counter sunk se	ws (609.1x00) pe elf tapping screv ntre hinge	er side for wooden front	S					

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Mounting plates	144	E-SERVICES and assembly devices	590	
Accessories - General	66	Reference values for front weight FG (kg)	704	Short URL
Planning - Symmetrical	22	Machine directive	701	www.blum.com/a110
Planning - Asymmetrical	23	More technical details	698	
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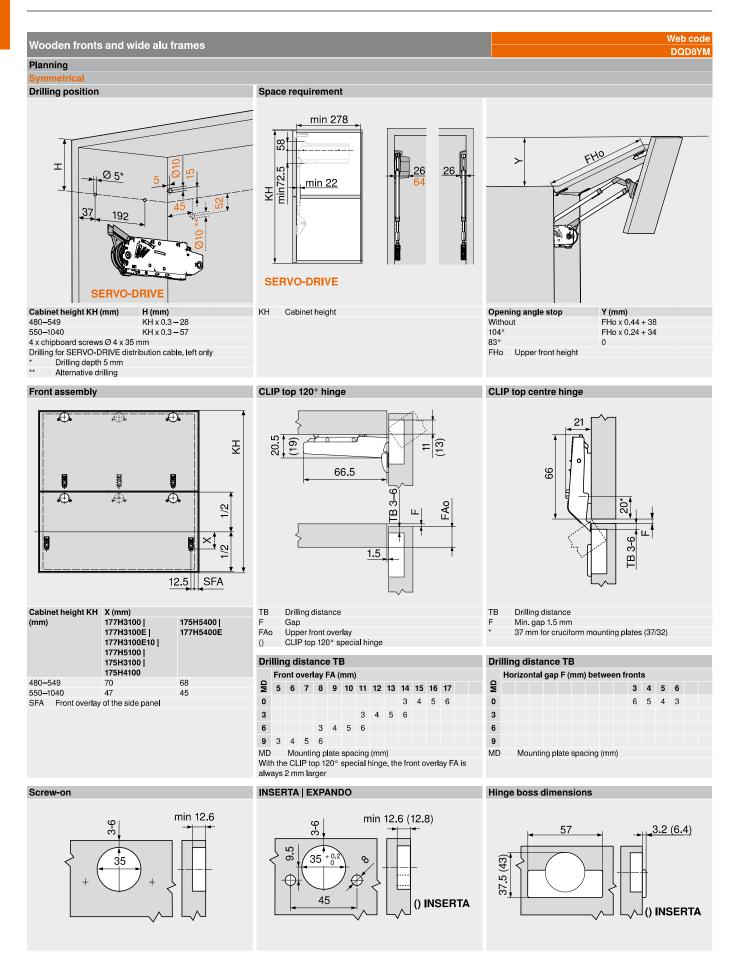
EXPANDO

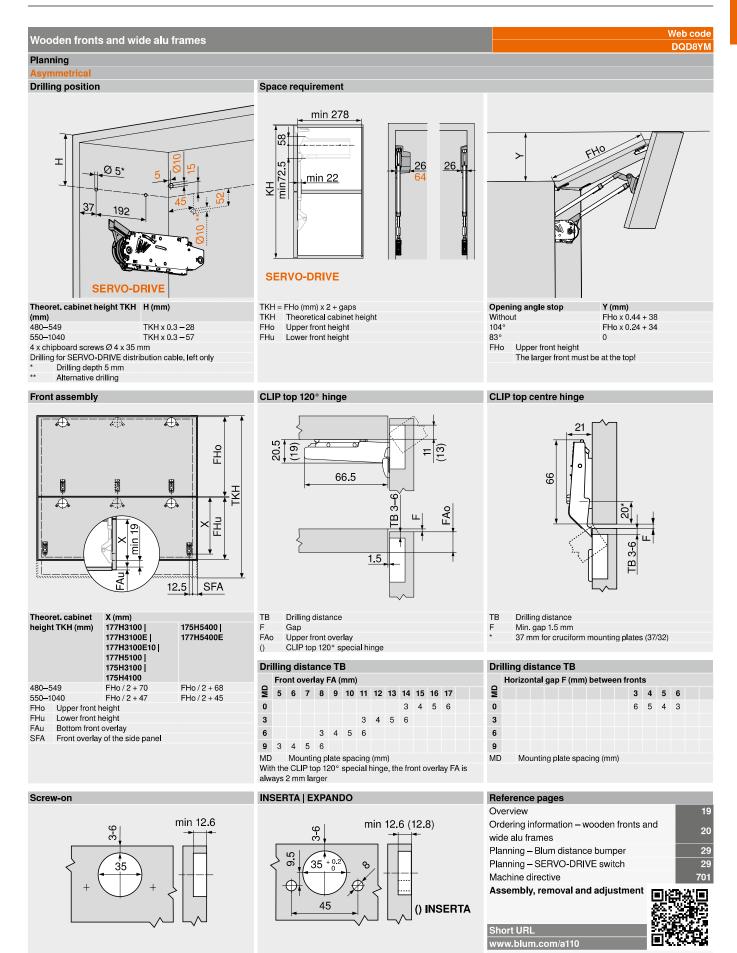
Screw-on

Unsprung

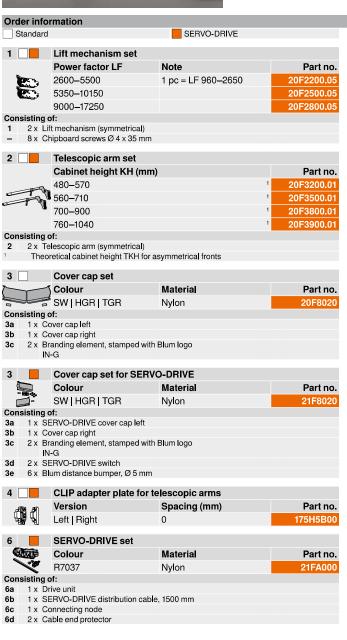
3 hinges at cabinet width KB 1200 mm and/or starting from 12 kg front weight FG
4 hinges at cabinet width KB 1800 mm and/or starting from 20 kg front weight FG
Use chipboard screws (609.1x00) for wooden fronts
Use counter sunk self tapping screws (660.0950) for wide alu frames

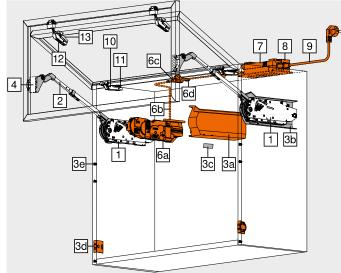






Web code Narrow alu frames DQD9NY Ideal for wall cabinets with bi-fold fronts Power factor LF - Cabinet height KH 480-1040 mm Cabinet height KH (mm) x combined weight of top - Cabinet width KB up to 1800 mm and bottom fronts FG including handle (kg) Soft and effortless closing thanks to BLUMOTION - Light operating forces Variable stop Theoret. cabinet height TKH Tool-free assembly Upper front height FHo (mm) x 2 + gaps -3-dimensional adjustment of both fronts Simple, infinitely variable lift mechanism - Centre hinge with finger safety feature We recommend the more powerful lift mechanism for overlapping areas!





7	24 W SERVO-DR	24 W SERVO-DRIVE power supply unit					
	Language package ¹	Language ²	Part no.				
	Α	DE EN FR IT NL	Z10NE030A				
	В	DA EN FI NO SV	Z10NE030B				
	С	EL EN HR SL SR TR	Z10NE030C				
\ <u>\</u>	D	EN ES FR IT PT	Z10NE030D				
-	E	CS HU PL SK	Z10NE030E				
	F	BG ET LT LV RO RU	Z10NE030F				
	G	EN ES FR	Z10NE030G				
	Н	EN ZH	Z10NE030H				
	J	JA	Z10NE030J				
	ing and installation instr	uctions					
Without flex	•	ation and to a Hatimatical to a model or					
	iguage package – Oper iguage descriptions as r	ating and installation instructions per ISO-639					
	igaago aooonphono ao p	301 100 000					
8	Power supply un	it housing					
	Colour	Material	Part no.				
The state of the s	WGR	Nylon	Z10NG120				
For 24 W S	ERVO-DRIVE power su	pply unit					

A COM	WGR	Nylon		Z10NG120					
For 24 W SEF	RVO-DRIVE power sup	oply unit							
9	Flex	Flex							
	Market	Part no.	Market	Part no.					
	AR	Z10M200A	JP	Z10M200J					
	GB	Z10M200B	AU	Z10M200K					
	CHILI	Z10M200C	CL	Z10M200L					
11	DK	Z10M200D	CN	Z10M200N					
A	Europe	Z10M200E	BR	Z10M200S.01					
	Europe ¹	Z10M200E.OS	TW	Z10M200T					
	IN	Z10M200H	US CA	Z10M200U					
	IL	Z10M200I	ZA	Z10M200Z					
Length 2 m, in	ncl. plug								
1 Witho	out plug								

Mayyayı	ali i fua ios a a								Web code
narrow a	alu frames								DQD9N\
Order info	ormation								
Alternativ	re to 7 8 9				Accesso	ries			
	12 W SERV	O-DRIVE plug	j-in power supply unit		-	Opening angle stop			
Only suita	able for one o	drive unit				Opening angle OW	Colour		Part no
	Network	Language	Language3	Dout no		104°	TGR		20F705
	adapter1	package ²	Language ³	Part no.	407	83°	R7037		20F701
		Α	DE EN FR IT NL	☎ Z10NA30EAF		OFFINO PRIVE district			
		В	DA EN FI NO SV	☎ Z10NA30EBF		SERVO-DRIVE distri			•
		С	EL EN HR SL	G 740NA20ECE		Colour	Length (n	1)	Part no
	Е	C	SR TR	T Z10NA30ECF		SZ SZ	8		Z10K800AE
	E	D	EN ES FR IT PT	☎ Z10NA30EDF	Consistin 6b 1 x	g of: SERVO-DRIVE distribution c	ahle		
-		E	CS[HU]PL[SK	☎ Z10NA30EEF		Cable end protector	abic		
	,	_	BG ET LT LV		For cutting				
		F	ROIRU	☎ Z10NA30EFF	Can be use	ed as a SERVO-DRIVE distrib	oution cable		
	В	Α	DE EN FR IT NL	で Z10NA30BAF	_	Connecting node an	d cable end p	rotector	
	K	D	EN ES FR IT PT	☎ Z10NA30KDF	Post	Colour	Material		Part no.
	U	G	ENIESIFR	☎ Z10NA30UGF		SZ	Nylon		Z10V100E.01
Consisting	of:				Consistin		11,1011		21071002101
		RIVE plug-in powe				Connecting node			
		mm (with SERVC	D-DRIVE distribution cable ext	endible to max.		Cable end protector			
Network ac	2000 mm) danter				Tool-free a	ssembly			
	1/2				_	Cable holder			
E S	, в 🔛	K M B U				Colour	Material		Part no
Other comb	ויייט inations availab	le upon request				WS	Nylon		Z10K0009
		chapter for a deta			E.g. for fixi	ng the SERVO-DRIVE distrib	•		
			installation instructions			•			
s Lan	guage description	ons as per ISO-60	39		Colour HGR	Light grey	Colour WGR	White grey	
10	CLIP top 12	20° aluminium	n frame door hinge			Silk white	SZ	Black	
D-	Boss		Spring	Part no.		Dark grey	WS	White	
المراجعة	Screw-on		Unsprung	72T550A.TL	R7037	RAL 7037 dust grey	IN-G	In-mould brush	ed stainless steel
3 hinges at	cabinet width KE	3 1200 mm and/o	r starting from 12 kg front wei	ght FG					
			r starting from 20 kg front wei	ght FG					
Boss fixing	screws are inc l u	ided							
11	Mounting	olate for CLIP	top 120° hinge						
Recomm									
	Fixing met	hod	Spacing (mm)	Part no.					
4	Screw-on	1		175H3100					
8	EXPANDO		0	177H3100E					
2500	Knock-in			177H3100					
	Tanook iii			177110100					

Part no.

Part no.

Standard mounting plates, spacing depends on the top gap F

Use 2 counter sunk self tapping screws (660.0950) per side for narrow alu frames

3 hinges at cabinet width KB 1200 mm and/or starting from 12 kg front weight FG
4 hinges at cabinet width KB 1800 mm and/or starting from 20 kg front weight FG
Use 2 counter sunk self tapping screws (660.0950) per side for narrow alu frames

Spring

¹ Unsprung

Spacing (mm)

CLIP top aluminium centre hinge

13 CLIP adapter plate for centre hinges

Version Spacing (mr

Symmetrical 0

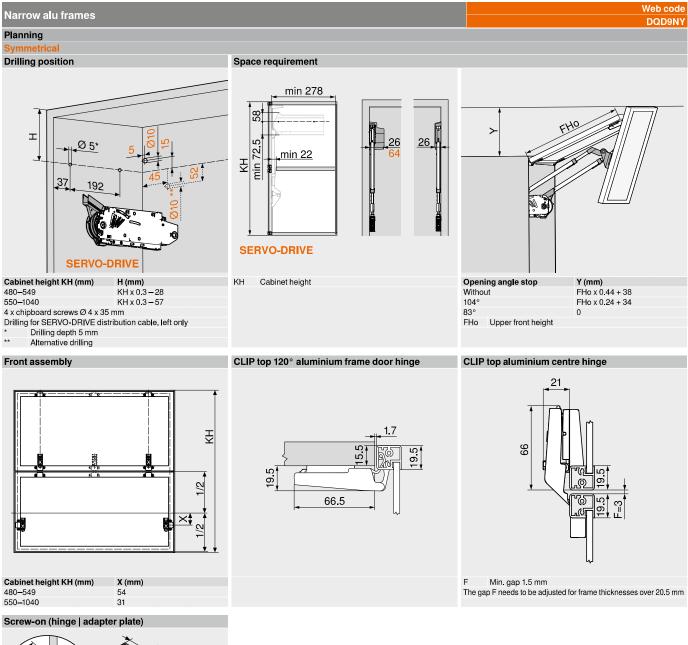
Boss Screw

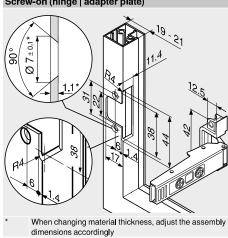
Boss fixing screws are included

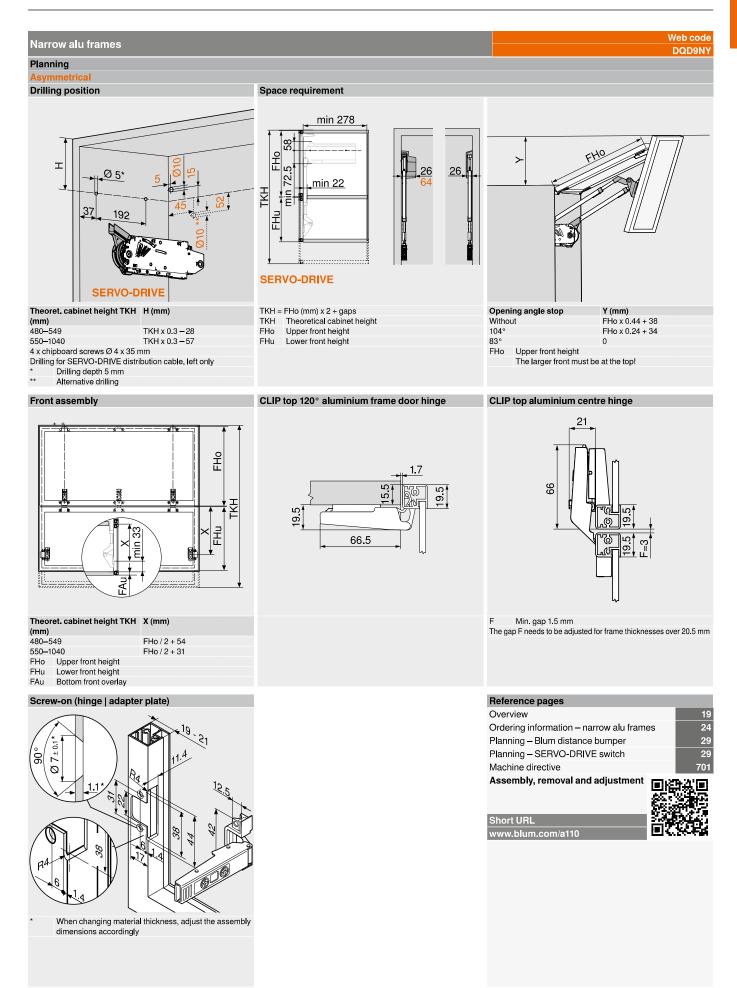
Screw-on

Reference pages				
Overview	19	Planning - SERVO-DRIVE switch	29	Assembly, removal and adjustment
Accessories – Hinge set	28	SERVO-DRIVE uno - market list	718	
Mounting plates	144	E-SERVICES and assembly devices	590	
Accessories - General	66	Reference values for front weight FG (kg)	704	Short URL
Planning – Symmetrical	26	Machine directive	701	www.blum.com/a110
Planning – Asymmetrical	27	More technical details	698	
Planning – Blum distance bumper	29			





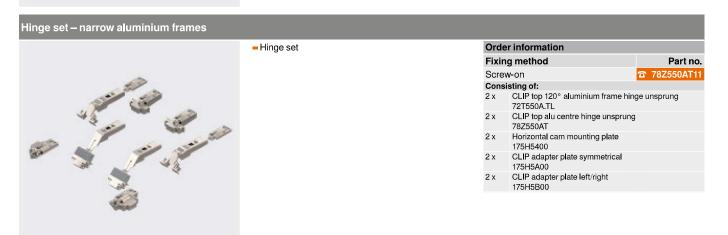






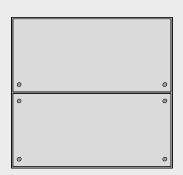
Hinge set — wooden fronts - Hinge set - Ringe set - R

Hinge set – wooden fronts and wide aluminium frames Order information Fixing method Part no. Screw-on Consisting of: CLIP top 120° hinge unsprung 70T5550.TL CLIP top centre hinge unsprung 2 x 2 x For wide alu frames, an additional cruciform mounting plate is required for the CLIP top centre hinge Horizontal cam mounting plate 175H3100 6 x Use chipboard screws (609.1x00) for wooden fronts Use counter sunk self tapping screws (660.0950) for wide alu frames

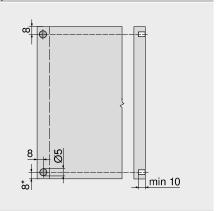


Planning

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)

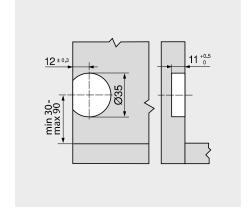


Recommendation for aluminium frames

Take into account 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



Reference pages

Overview

Ordering information – wooden fronts and wide alu frames

Ordering information – narrow alu frames E-SERVICES and assembly devices

Machine directive

More technical details

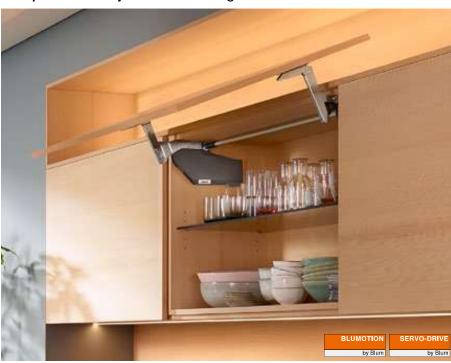
19 Assembly, removal and adjustment

24 Short URL 590 www.blum.com/a110

701 698



The up and over lift system for a smooth glide?



Wall cabinet fronts equipped with AVENTOS HS swing up and over the cabinet, making it ideal for large fronts. The up and over lift system is also the perfect choice for cabinets with cornices.

- Soft and effortless closing thanks to **BLUMOTION**
- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small range, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

Ease of use and design options



AVENTOS HS provides ease of use that inspires. Even heavy fronts are easy to open thanks to the light operating forces.



Thanks to SERVO-DRIVE, wall cabinet fronts open at a single touch. The press of a switch is all you need for a soft close.



AVENTOS HS can be used with EXPANDO T for thin fronts measuring 8 mm or more.



The cover cap is available in silk white, light grey and dark grey.

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: excellent durability.



No protruding parts Removable lever arm - an advankitchen installation.

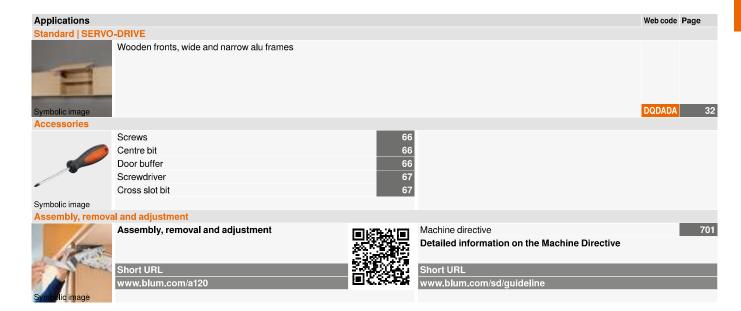


Cornice and crown moulding

You can easily combine cabinets with cornice or crown moulding with tage for furniture manufacturing and AVENTOS HS. This provides more design freedom for furniture planning.

Lift systems > AVENTOS HS – up and over lift system > Overview





Pictograph

7

Item available on request

Wooden fronts, wide and narrow alu frames



- Ideal for large fronts
- Cabinet height KH 350-800 mm
- Cabinet width KB up to 1800 mm
- Soft and effortless closing thanks to **BLUMOTION**
- Light operating forces
- Perfect motion with a variable stop
- Tool-free assembly
- 3-dimensional front adjustment
- Simple, infinitely variable lift mechanism

Lift mechanism

In order to select the correct lift mechanism, it is necessary to determine both the cabinet height KH and the front weight FG (including the handle)

DQDADA

Example

Cabinet height KH = 600 mm Front weight FG = 10 kg

Lift mechanism selection = 20S2E00.05

KH = 602 mm → 600 mm

KH = 603 mm → 605 mm

We recommend the more powerful lift mechanism for overlapping areas!

Order information Standard

1 Lift mechanism set Cabinet height KH 350-525 mm

Part no.	20S2A00.05	20S2B00.05	20S2C00.05	Part no.	20S2A00.05	20S2B00.05	20S2C00.05
KH (mm)	Weight of front incl. handle (kg)			KH (mm)	Weight of fron	t incl. handle (k	(g)
350	2.00-5.00	4.50-9.50	9.25-10.50	440	2.25-4.50	4.25-8.50	8.25-13.00
355	2.00-4.75	4.50-9.50	9.25-10.50	445	2.25-4.50	4.25-8.50	8.25-13.25
360	2.00-4.75	4.50-9.50	9.25-10.75	450	2.25-4.25	4.00-8.50	8.25-13.50
365	2.00-4.75	4.50-9.25	9.00-11.00	455	2.25-4.25	4.00-8.50	8.25-13.50
370	2.00-4.75	4.50-9.25	9.00-11.00	460	2.25-4.25	4.00-8.25	8.00-13.75
375	2.00-4.75	4.50-9.25	9.00-11.25	465	2.25-4.25	4.00-8.25	8.00-13.75
380	2.00-4.75	4.50-9.25	9.00-11.25	470	2.50-4.25	4.00-8.25	8.00-14.00
385	2.00-4.75	4.50-9.25	9.00-11.50	475	2.50-4.25	3.75-8.00	7.75-14.00
390	2.00-4.75	4.50-9.00	8.75-11.50	480	2.50-4.25	3.75-8.00	7.75-14.25
395	2.00-4.75	4.50-9.00	8.75-11.75	485	2.50-4.25	3.75-8.00	7.75-14.25
400	2.00-4.75	4.25-9.00	8.75-12.00	490	2.50-4.25	3.75-8.00	7.75-14.50
405	2.25-4.50	4.25-9.00	8.75-12.00	495	2.50-4.25	3.75-7.75	7.50-14.50
410	2.25-4.50	4.25-9.00	8.75-12.25	500	2.50-4.25	3.50-7.75	7.50-14.75
415	2.25-4.50	4.25-8.75	8.50-12.50	505	2.50-4.00	3.50-7.75	7.50-14.75
420	2.25-4.50	4.25-8.75	8.50-12.50	510	2.50-4.00	3.50-7.75	7.50-14.75
425	2.25-4.50	4.25-8.75	8.50-12.75	515	2.50-4.00	3.50-7.50	7.25-14.75
430	2.25-4.50	4.25-8.75	8.50-12.75	520	2.50-4.00	3.50-7.50	7.25-15.00
435	2.25-4.50	4.25-8.75	8.50-13.00	525	2.50-4.00	3.25-7.50	7.25-15.00

SERVO-DRIVE

Cabinet height KH 526-675 mm

Part no.	2052000.05	2052E00.05	2052F00.05	Part no.	2052000.05	2052E00.05	2052500.03
KH (mm)	Weight of fron	t incl. handle (l	(g)	KH (mm)	Weight of fron	t incl. handle (l	(g)
526	3.00-6.75	6.25-13.00	12.00-16.50	605	3.00-6.00	5.50-11.75	10.50-18.50
530	3.00-6.75	6.25-12.75	11.75-16.75	610	3.00-6.00	5.50-11.75	10.50-18.50
535	3.00-6.75	6.25-12.75	11.75-16.75	615	3.00-5.75	5.50-11.50	10.25-18.75
540	3.00-6.50	6.00-12.75	11.75-17.00	620	3.00-5.75	5.50-11.50	10.25-18.75
545	3.00-6.50	6.00-12.50	11.50-17.25	625	3.00-5.75	5.50-11.50	10.25-18.75
550	3.00-6.50	6.00-12.50	11.50-17.25	630	3.00-5.75	5.50-11.50	10.25-18.75
555	3.00-6.50	6.00-12.50	11.50-17.50	635	3.00-5.50	5.25-11.50	10.25-18.75
560	3.00-6.50	6.00-12.25	11.25-17.50	640	3.00-5.50	5.25-11.25	10.00-18.75
565	3.00-6.25	5.75-12.25	11.25-17.75	645	3.00-5.50	5.25-11.25	10.00-18.75
570	3.00-6.25	5.75-12.25	11.25-17.75	650	3.00-5.50	5.25-11.25	10.00-19.00
575	3.00-6.25	5.75-12.00	11.00-18.00	655	3.00-5.50	5.25-11.25	10.00-19.00
580	3.00-6.25	5.75-12.00	11.00-18.00	660	3.00-5.50	5.25-11.25	10.00-19.00
585	3.00-6.25	5.75-12.00	10.75-18.25	665	3.00-5.25	5.00-11.00	09.75-19.00
590	3.00-6.00	5.50-12.00	10.75-18.25	670	3.00-5.25	5.00-11.00	09.75-19.00
595	3.00-6.00	5.50-11.75	10.50-18.50	675	3.00-5.25	5.00-11.00	09.75-19.00
600	3.00-6.00	5.50-11.75	10.50-18.50				

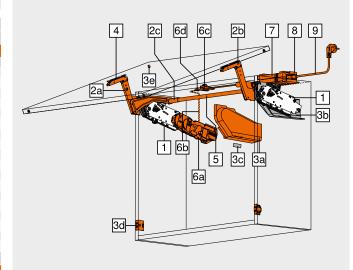
Cabinet height KH 676-800 mm

Part no.	20S2G00.05	20S2H00.05	20S2I00.05	Part no.	20S2G00.05	20S2H00.05	20\$2100.05
KH (mm)	Weight of fron	t incl. handle (l	(g)	KH (mm)	Weight of fron	t incl. handle (l	(g)
676	3.50-8.00	7.00-13.50	13.00-21.50	740	3.50-7.25	6.50-12.75	11.75-20.75
680	3.50-8.00	7.00-13.50	13.00-21.50	745	3.50-7.25	6.50-12.75	11.50-20.50
685	3.50-8.00	7.00-13.25	12.75-21.50	750	3.50-7.25	6.50-12.75	11.50-20.50
690	3.50-7.75	6.75-13.25	12.75-21.50	755	3.75-7.25	6.50-12.75	11.25-20.50
695	3.50-7.75	6.75-13.25	12.50-21.50	760	3.75-7.25	6.50-12.75	11.25-20.25
700	3.50-7.75	6.75-13.25	12.50-21.50	765	3.75-7.25	6.50-12.50	11.00-20.25
705	3.50-7.75	6.75-13.25	12.25-21.50	770	3.75-7.00	6.25-12.50	11.00-20.25
710	3.50-7.75	6.75-13.25	12.25-21.25	775	3.75-7.00	6.25-12.50	11.00-20.25
715	3,50-7,50	6.75-13.00	12.00-21.25	780	4.00-7.00	6.25-12.50	10.75-20.25
720	3.50-7.50	6.75-13.00	12.00-21.25	785	4.00-7.00	6.25-12.50	10.75-20.00
725	3.50-7.50	6.75-13.00	12.00-21.00	790	4.00-7.00	6.00-12.25	10.75-20.00
730	3.50-7.50	6.75-13.00	11.75-21.00	795	4.00-7.00	6.00-12.25	10.50-20.00
735	3.50-7.50	6.50-13.00	11.75-20.75	800	4.00-7.00	6.00-12.25	10.50-20.00

Consisting of:

- 2 x Lift mechanism (symmetrical) 10 x Chipboard screws Ø 4 x 35 mm

Cabinet height



2		Lever arm set					
A. S.		Colour	Material	Part no.			
~		NI	Steel	20\$3500.06			
Con	sisting	j of:					
2a	1 x	Lever arm left					
2b	1 x	Lever arm right					
2c	2 x	Cross stabiliser cover cap					

2		Lever arm set for SERVO-DRIVE								
~	~	Colour	Material	Part no.						
4		NI	Steel	21S3500.01						
Con	Consisting of:									
2a	1 x 3	SERVO-DRIVE lever arm left								
2b	1 x 3	SERVO-DRIVE lever arm right								
2c	2 x	Cross stabiliser cover cap								

3		Cover cap set		
G	[الفر]	Colour	Material	Part no.
6		SW HGR TGR	Nylon	20\$8020
Cor	nsisting o	f:		
3a	1 x Co	ver cap left		
3b	1 x Co	ver cap right		
3с	2 x Bra	anding element, stamped with E -G	Blum logo	

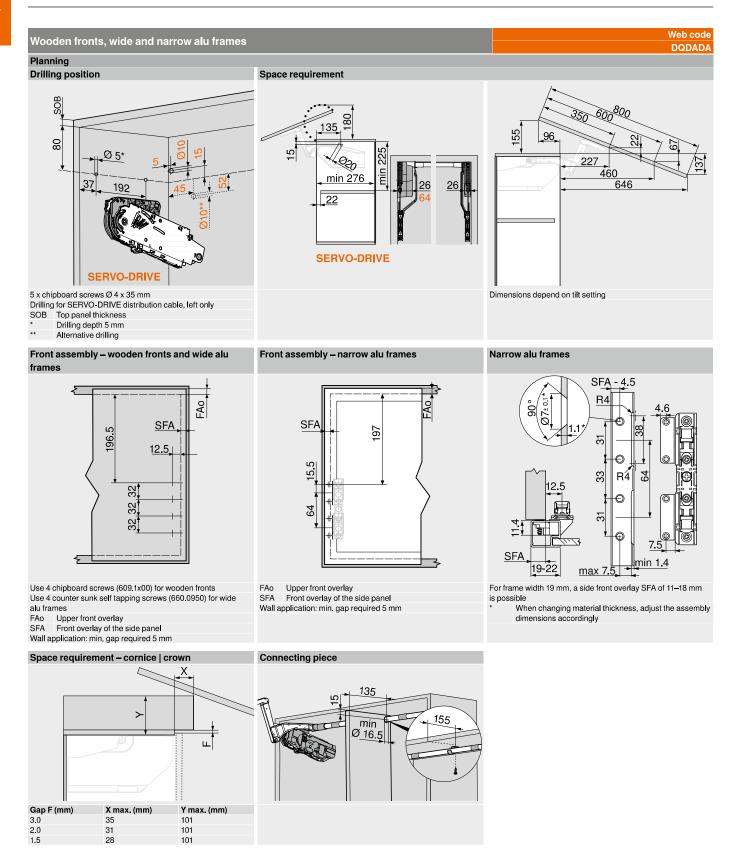
3		Cover cap set for SERVO	Cover cap set for SERVO-DRIVE						
1		Colour	Material	Part no.					
ì		SW HGR TGR	Nylon	21S8020					
Cons	sistin	g of:							
3a	1 x	SERVO-DRIVE cover cap left							
3b	1 x	Cover cap right							
3с	2 x	Branding element, stamped with IN-G	anding element, stamped with Blum logo -G						
3d	2 x	SERVO-DRIVE switch	ERVO-DRIVE switch						
3e	4 x	Blum distance bumper, Ø 5 mm							

33

Voode <u>n</u>	n fronts, wide an	d narrow <u>a</u>	ılu frame <u>s</u>								Web co
rder inf	ormation										DQDAL
1	Front fixing bra	cket set				9	Flex				
	Version		king method	ı	Part no.	_	Market		Part no.	Market	Part n
A a	Wooden fronts a						AR	Z-	0M200A	JP	Z10M20
4	alu frames		rew-on		20S4200		GB	Z ¹	0M200B	AU	Z10M20
-	Narrow alu frame				20S4200A	S	CH LI	Z1	0M200C	CL	Z10M20
	e 4 chipboard screws (11	DK	Z1	0M200D	CN	Z10M20
Use	e 4 counter sunk self ta	pping screws (660.0950) per	side for wide a l u fra	ames	-	Europe	Z.	OM200E	BR	Z10M200S.
	Front fixing bra	cket					Europe	¹ Z10	1200E.OS	TW	Z10M20
4	Version		king method	ı	Part no.		IN	Z1	0M200H	USICA	Z10M20
•	Thin fronts		(PANDO T		20S42T1		IL	Z	10M200I	ZA	Z10M20
KPANDO	T suitable for thin from	s – see referer	nce pages			Length 2 m,					
	Cross stabilise					1 With	out plug				
					Dout no	Alternativ	e to 7 8 9				
	Length (mm)		ameter (mm		Part no.	_		VO-DRIVE plu	g-in pow	er supply unit	
or cutting	5 1061	Ø	16.0		20Q1061UN	Only suita	ble for one				
utting		nal cabinet wid	lth LW - 129 m	m		•	Network	Language			
	Inter	nal cabinet wid	lth LW – 164 m	m			adapter1	package ²	Langu	iage ³	Part n
	Connecting pie	ca eat for cr	nee etahilie	ar				Α	DETE	N FR IT NL	☎ Z10NA30E
tornal c	cabinet width LW 1			51				В	DAIE	N FI NO SV	☎ Z10NA30E
Merrian C	Material		ameter (mm	\	Part no.					N HR SL	
//-	Aluminium		16.0	, <u> </u>	20Q153ZN		_	С	SRIT	R	☎ Z10NA30E
onsisting		V	10.0		20Q1332IV		E	D		S FR IT PT	☎ Z10NA30E
	Connecting piece					-		E	CS H	U PL SK	☎ Z10NA30E
	Fixing						,	_	BG E	T LT LV	- 74011400
utting for	Cross stabiliser cover or 5	cap nal cabinet wid	lth I W / 2 - 147	mm				F	ROIR	RU	ත Z10NA30E
atting for		nal cabinet wid					В	A	DELE	N FR IT NL	☎ Z10NA30B
	OFFICE PRIVE						K	D	ENIE	SIFRITIPT	☎ Z10NA30K
j <u> </u>	SERVO-DRIVE				D		U	G	ENIE	SIFR	☎ Z10NA30U
	Colour		aterial		Part no.	Consisting			•	•	
onsisting	R7037	INY	lon		21FA000			ORIVE plug-in pov		unit istribution cable ext	andible to may
	Drive unit						000 mm)	Jillii (Willi SEI W	J-DINIVE G	istribution cable ext	endible to max.
	SERVO-DRIVE distrib	ution cable, 150	00 mm			Network ad	apter	# 11	44		
	Connecting node Cable end protector					E 💫	в (П	K W J			
	nend one SERVO-DRI	VE drive unit pe	er set for conne	ected fronts!		D>>					
		·						ble upon request n chapter for a de	tailed mark	rot list	
—	24 W SERVO-DI							e – Operating and			
	Language package				Part no.			tions as per ISO-6			
	A	DE EN F			Z10NE030A	Accessori	ioc				
	В	DA EN F			Z10NE030B	Accessor		DIVE distribut	ion ooble	o and aabla and	nuataatau
	C		IR SL SR		Z10NE030C		Colour	MIVE distribut		e and cable end	•
1	D	EN ES F	RITIPT		Z10NE030D		SZ		Length 8	(111)	710K800
	E	CS HU F			Z10NE030E	Consisting			0		2100007
	F		T LV RO		Z10NE030F			distribution cable)		
	G	EN ES F	·R		Z10NE030G		able end prote	ector			
	Н	EN ZH			Z10NE030H	For cutting to		-DRIVE distributio	n cablo		
	J	JA			Z10NE030J	Call be used	i as a senvo-	-DAIVE distribution	iii cable		
ıcl. operat /ithout fle>	ting and installation ins	tructions				-	Connectin	ng node and c	able end	protector	
	^ nguage package – Ope	rating and insta	allation instruc	tions		Sum	Colour		Materia	ı	Part n
	nguage descriptions as						SZ		Nylon		Z10V100E.
	Dawar aummbu u	nit havaina				Consisting					
	Power supply u		aterial		Part no.		onnecting not able end prote				
	Colour				Z10NG120	Tool-free ass		50101			
or 24 W S	WGR ERVO-DRIVE powers		lon		Z 10NG120						
	ELIVO-DITIVE powers	'''					Cable hol	der			
olour			Colour	7007 1			Colour		Materia	d	Part r
	Light grey Silk white			_ 7037 dust grey ite grey			WS		Nylon		Z10K00
	Dark grey		SZ Bla			E.g. for fixing	the SERVO-I	DRIVE distribution	n cable		
	Nickel plated		WS Wh								
	In-mould brushed stair										

Reference pages				
Overview	31	Planning – Blum distance bumper	35	Assembly, removal and adjustment
Fixing system for thin fronts – EXPANDO T	584	Planning - SERVO-DRIVE switch	35	
	504	SERVO-DRIVE uno - market list	718	
Assembly recommendation and limitation of	585	E-SERVICES and assembly devices	590	Short URL
liability – EXPANDO T	565	Reference values for front weight FG (kg)	704	www.blum.com/a120
Accessories – General	66	Machine directive	701	
Planning	34	More technical details	698	

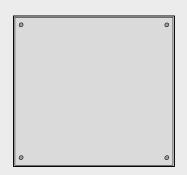




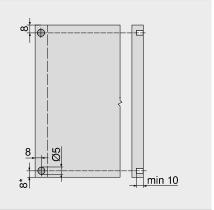
Wooden fronts, wide and narrow alu frames

DQDADA

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



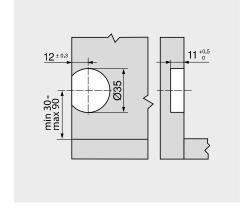
Recommendation for aluminium frames

Take into account 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



Reference pages

Overview

Ordering information – wooden fronts, wide and narrow alu frames

E-SERVICES and assembly devices

Machine directive

More technical details

31 Assembly, removal and adjustment

590

Short URL



.

Delivering smoothness to lift ups



Wall cabinet fronts equipped with AVENTOS HL lift up parallel to the cabinet. The lift system is ideal for tall units or wall cabinets with cabinets positioned above them, for larder units and recessed cabinets, e.g. to conceal electrical appliances.

Soft and effortless closing thanks to

BLUMOTION

- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Suitable for cabinets with cabinets above, as well as cornice and crown moulding
- Small range, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

Ease of use and design options



Regardless of the weight and size, AVENTOS HL only requires light operating forces for easy opening and closing.



Handle-less fronts can be opened and closed with ease with the SERVO-DRIVE electrical motion support system.

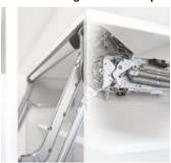


AVENTOS HL allows you to conceal electrical appliances behind a continuous front.



The cover cap is available in silk white, light grey and dark grey.

Other advantages that will inspire both you and your customers



Excellent durabilityThe core element of the lift mechanism is a robust spring package.

The result: excellent durability.

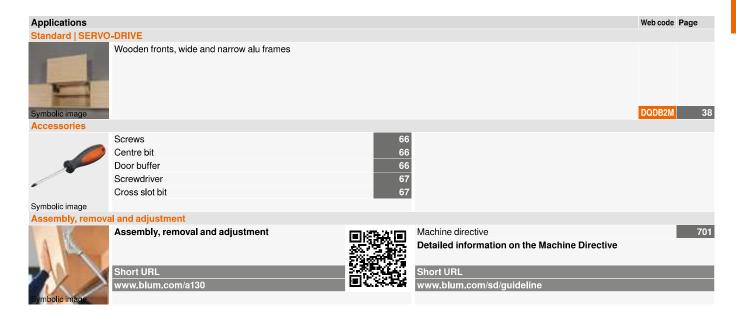


No protruding parts
Removable lever arm – an advantage for furniture manufacturing and kitchen installation.



Cornice and crown moulding

AVENTOS HL is suitable for cabinets with cabinets above, as well as those with cornice and crown moulding. Also in combination with narrow alu frames.



Pictograph

Item available on request



SW | HGR | TGR

1 x SERVO-DRIVE cover cap left

4 x Blum distance bumper, Ø 5 mm

2 x Branding element, stamped with Blum logo

1 x Cover cap right

IN-G 2 x SERVO-DRIVE switch

Consisting of:

3b

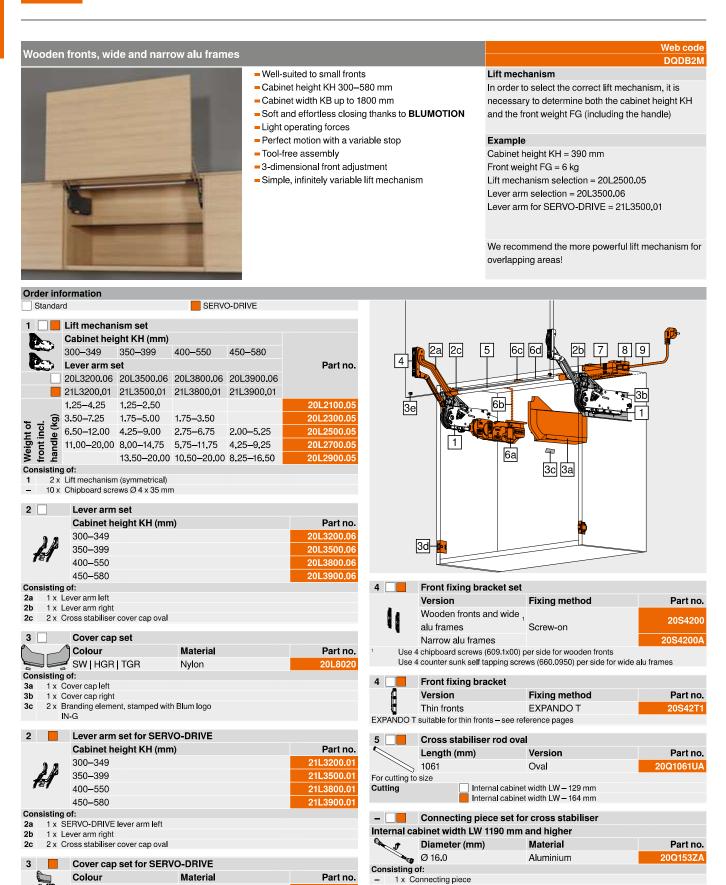
3с

3d

3e

Nvlon

Lift systems > AVENTOS HL - lift up > Standard | SERVO-DRIVE



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21L8020

1 x Fixing

Cutting for 5

2 x Cross stabiliser cover cap

Internal cabinet width LW / 2 - 147 mm

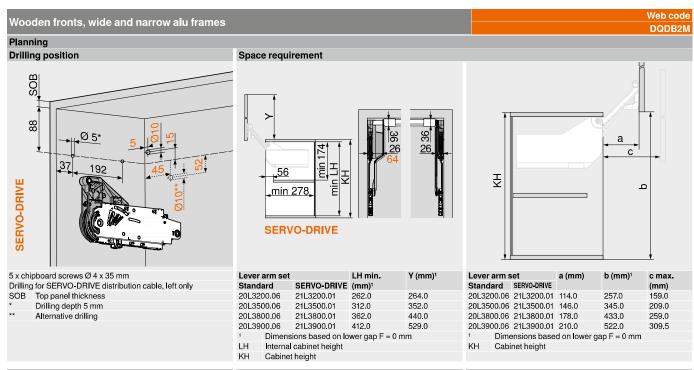
Internal cabinet width LW / 2 - 165 mm

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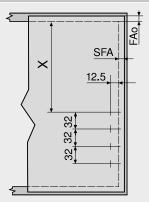
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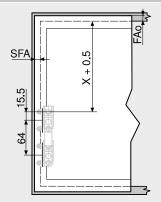






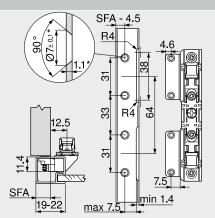
Lever	X (mm)			
Standa	ard	SERVO-DRIVE		
20L320	00.06	21L3200.01	153	
20L350	00.06	21L3500.01	203	
20L380	00.06	21L3800.01	253	
20L390	00.06	21L3900.01	303	
FAo	FAo Upper front overlay			
SFA	Front overlay	of the side panel		
Wall ap	oplication: min.	gap required 5 mm		

Front assembly - narrow alu frames



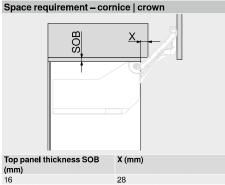
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Standa	ard	SERVO-DRIVE			
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20L350	00.06	21L3500.01	203		
20L38	00.06	21L3800.01	253		
20L39	00.06	21L3900.01	303		
FAo	Upper front o	verlay			
SFA	Front overlay	of the side panel			
Wall ap	Wall application: min. gap required 5 mm				

Narrow alu frames



For frame width 19 mm, a side front overlay SFA of 11-18 mm

When changing material thickness, adjust the assembly dimensions accordingly



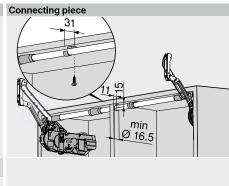
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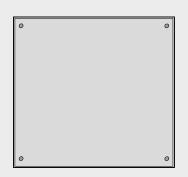
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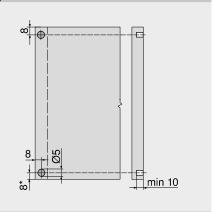
Wooden fronts, wide and narrow alu frames

DQDB2M

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



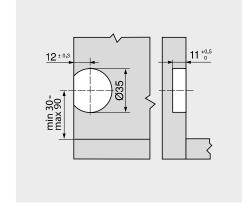
Recommendation for aluminium frames

Take into account 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



Reference pages

Overview

Ordering information – wooden fronts, wide and narrow alu frames

E-SERVICES and assembly devices

Machine directive

More technical details

Assembly, removal and adjustment

590 Short URL



Experience inspiring motion



AVENTOS HK top is compact, minimalist 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.

Soft and effortless closing thanks to

BLUMOTION

- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small range, 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

Design and assembly



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 opening angle of the front is infinitely variable and can therefore be set exactly as required.

Lift systems \rangle AVENTOS HK top – stay lift \rangle Overview



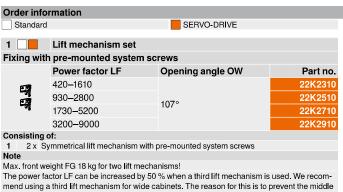
Applications				Web code	Page
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TIP-ON					
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	Short URL		Short URL		
	www.blum.com/a170	国代数线	www.blum.com/sd/guideline		
Symbolic image			-		

Pictograph

Item available on request



Wooden fronts, wide and narrow alu frames Ideal for small applications in wall cabinets, tall units Power factor LF Cabinet height KH (mm) x front weight FG incl. double and over the refrigerator - Cabinet height KH 205-600 mm handle weight (kg) - Cabinet width KB up to 1800 mm - Soft and effortless closing thanks to **BLUMOTION** - Light operating forces Perfect motion with a variable stop We recommend the more powerful lift mechanism for Tool-free assembly = 3-dimensional front adjustment overlapping areas! -Simple, infinitely variable lift mechanism No hinges are necessary Integrated safety mechanism - Integrated infinitely variable opening angle stop



of the front from sagging when open. 1 Lift mechanism set Fixing with chipboard screws with positioning system

	Power factor LF	Opening angle OW	Part no.
FB	420-1610		22K2300
대 대	930-2800	107°	22K2500
-4	1730-5200	107 -	22K2700
	3200-9000		22K2900
nsistina d	of:		

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

Max. front weight FG 18 kg for two lift mechanisms! The power factor LF can be increased by 50 % when a third lift mechanism is used. We recommend using a third lift mechanism for wide cabinets. The reason for this is to prevent the middle of the front from sagging when open.

3			Cover cap set			
			Colour	Material	Part no.	
			SW HGR TGR	Nylon	22K8000	
Con	nsistin	ıg c	of:			
_	1 x	Co	over cap left			
3b	1 x	Co	over cap right			
3с	2 x Branding element, stamped with Blum logo					
3			Cover cap set for SERVO	D-DRIVE		
			Colour	Motorial	Dort no	

3		Cover cap set for SERVO-DRIVE							
		Colour	Material	Part no.					
		SW HGR TGR	Nylon	23K8000					
Con	Consisting of:								
32	1 v SF	BVO-DBIVE cover can left							

3b 1 x Cover cap right

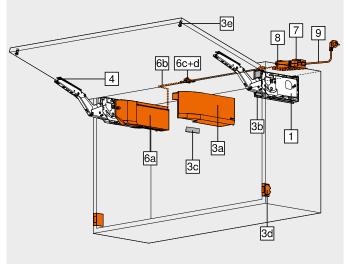
2 x Branding element, stamped with Blum logo IN-G

2 x SERVO-DRIVE switch

2 x Blum distance bumper, Ø 5 mm

4	Front fixing bracket set		
	Version	Fixing method	Part no.
11	Wooden fronts and wide $_{\scriptscriptstyle 1}$ alu frames	Screw-on	20S4200
	Narrow alu frames		20S4200A
¹ Use 4	chipboard screws (609.1x00) p	er side for wooden fronts	

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



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A	Version	Fixing method	Part no.		
Ħ	Thin fronts	EXPANDO T	20S42T1		
EXPANDO T	EXPANDO T suitable for thin fronts – see reference pages				
	OFFINA BRIVE				
6	SERVO-DRIVE set				
	Colour	Material	Part no.		
**	R7037	Nylon	23KA000		
Consisting of:					

~		Coloui	Mutoriui	i ui i iio.
_	\ **	R7037	Nylon	23KA000
Con	sisting	of:		
6a	1 x D	rive unit		
6b	1 x SI	ERVO-DRIVE distribution cable	, 1500 mm	
6c	1 x C	onnecting node		
6d	2 x C	able end protector		
For	three lift i	mechanisms or more, we recom	mend two synchronised drive ur	nits

7	24 W SERVO-DRIVE power supply unit				
	Language package ¹	Language ²	Part no.		
	Α	DE EN FR IT NL	Z10NE030A		
	В	DA EN FI NO SV	Z10NE030B		
	С	EL EN HR SL SR TR	Z10NE030C		
<u> </u>	D	EN ES FR IT PT	Z10NE030D		
	E	CS HU PL SK	Z10NE030E		
	F	BG ET LT LV RO RU	Z10NE030F		
	G	EN ES FR	Z10NE030G		
	Н	EN ZH	Z10NE030H		
	J	JA	Z10NE030J		
Incl. operating	Incl. operating and installation instructions				

Without flex

4 Front fixing bracket

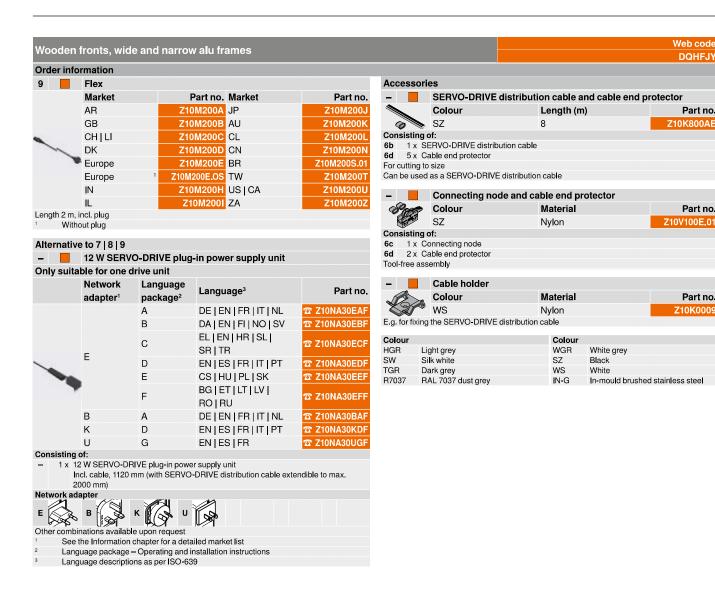
Language package - Operating and installation instructions Language descriptions as per ISO-639

8	Power supply unit housi	ng	
	Colour	Material	Part no.
	WGR	Nylon	Z10NG120
For 24 W SE	RVO-DRIVE power supply unit		

Part no.

Part no.

Part no.

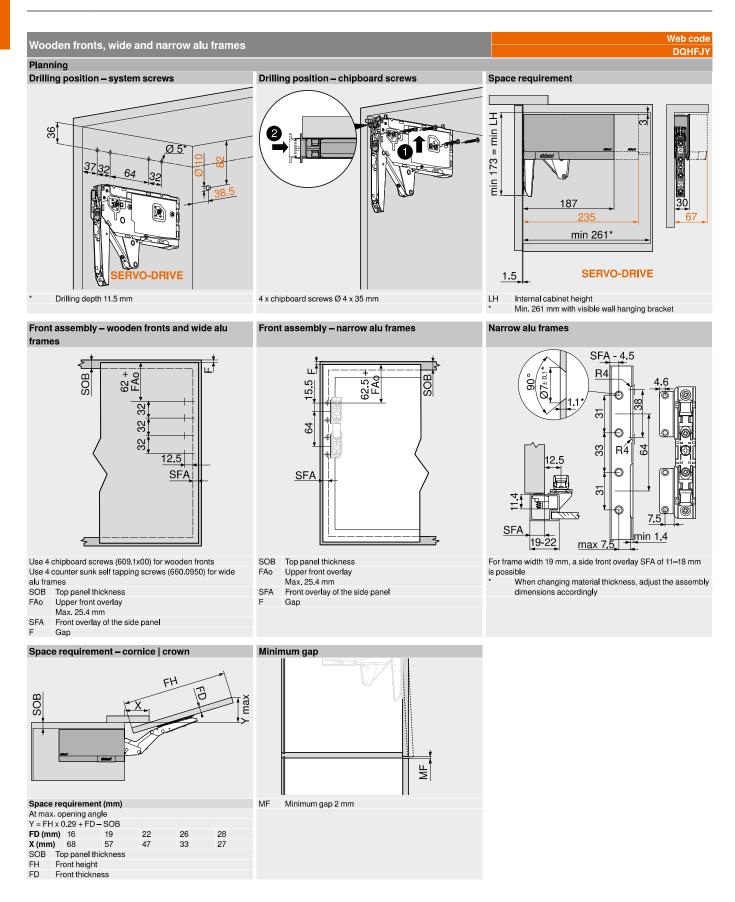


Reference pages				
Overview	43	Planning – Blum distance bumper	47	Assembly, removal and adjustment
Fixing system for thin fronts – EXPANDO T	584	Planning - SERVO-DRIVE switch	47	\$5.764.55
	504	SERVO-DRIVE uno - market list	718	
Assembly recommendation and limitation of	585	E-SERVICES and assembly devices	590	Short URL
liability – EXPANDO T	303	Reference values for front weight FG (kg)	704	www.blum.com/a170
Accessories – General	66	Machine directive	701	
Planning	46	More technical details	698	

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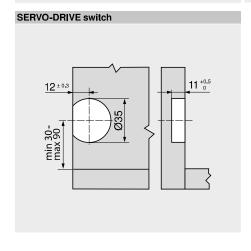
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Planning Blum distance bumper (SERVO-DRIVE application only) Insert Blum distance bumper (do not glue) Do not use bumpers in the upper third Recommendation for aluminium frames Take into account drilling for the Blum distance bumper in the cabinet side A trial application must be carried out when fixing to the front

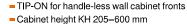
From cabinet bottom edge for fronts that protrude below



Reference pages					
Overview	43	AVENTOS HK top	国战争战(国	Assembly, removal and adjustment	升 Δ'国
Ordering information – wooden fronts, wide	44		\$50.778455		
and narrow alu frames	44			#is	
E-SERVICES and assembly devices	590	Short URL		Short URL	99349
Machine directive	701	www.blum.com/i014		www.blum.com/a170	34 FM
More technical details	698				

blum

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



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

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

Power factor LF

We recommend the more powerful lift mechanism for overlapping areas!

Order information

TIP-ON

Lift mechanism set for TIP-ON Fixing with pre-mounted system screws Power factor LF Opening angle OW Part no. 420-1610 107° 930-2800 22K2510T 嚼 1730-5200 22K2710T 100° 3200-9000 22K2910T

Consisting of:

2 x Symmetrical lift mechanism with pre-mounted system screws

Note

Max, front weight FG 18 kg for two lift mechanisms!

The power factor LF can be increased by 50 % when a third lift mechanism is used. We recommend using a third lift mechanism for wide cabinets. The reason for this is to prevent the middle of the front from sagging when open.

1 Lift mechanism set for TIP-ON

Fixing with chipboard screws with positioning system

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

Consisting of:

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

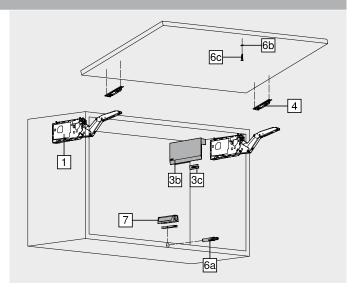
Max. front weight FG 18 kg for two lift mechanisms! The power factor LF can be increased by 50 % when a third lift mechanism is used. We recommend using a third lift mechanism for wide cabinets. The reason for this is to prevent the middle of the front from sagging when open.

3		Cover cap set			
		Colour	Material	Part no	
		SW HGR TGR	Nylon	22K8000	
Con	sistin	g 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 fiving brooket cot			

4		Front fixing bracket set		
		Version	Fixing method	Part no.
11		Wooden fronts and wide $_{\scriptscriptstyle 1}$ alu frames	Screw-on	20S4200
		Narrow alu frames		20S4200A
1	Use 4	chipboard screws (609.1x00) p	er side for wooden fronts	

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

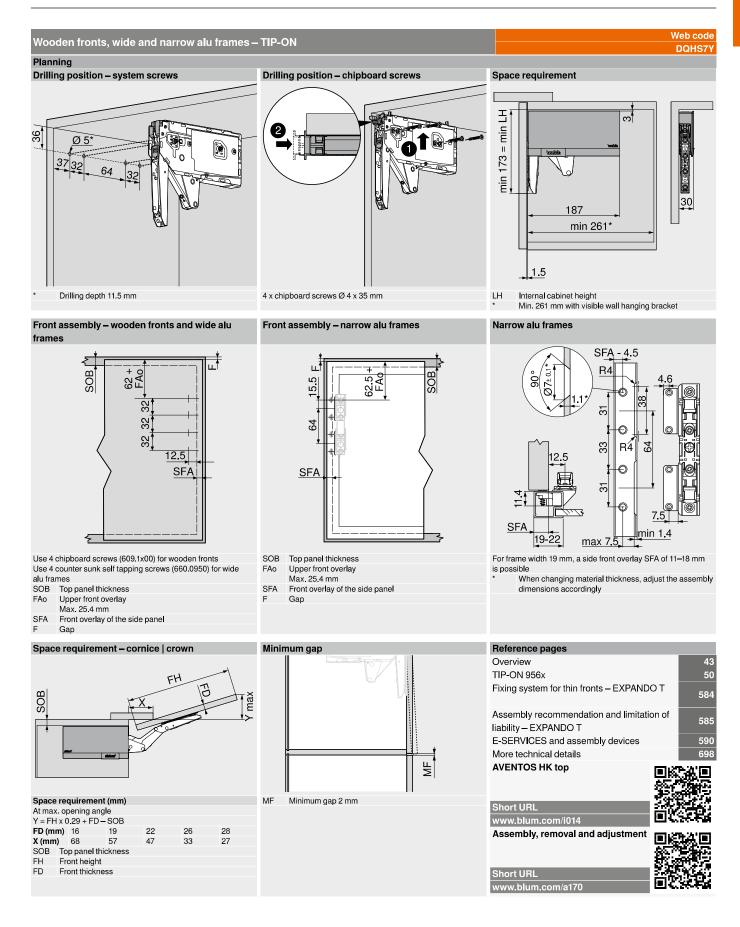
4	Front fixing brac	Front fixing bracket				
ſ.	Version	Fixing method	Part no.			
t	Thin fronts	EXPANDO T	20S42T1			
EXPANDO T suitable for thin fronts – see reference pages						

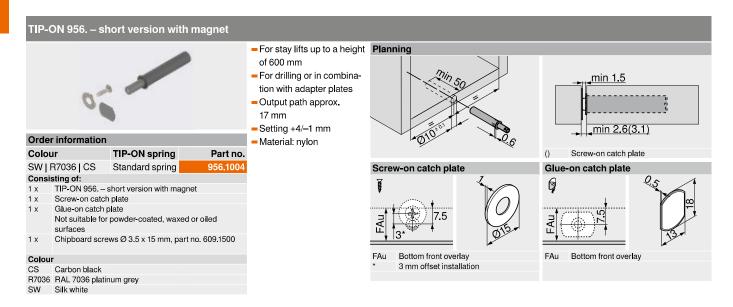


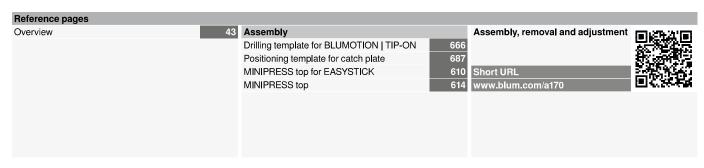
6		TIP-ON 956. – short version with magnet					
	1	Cabinet height KH (mm)	Colour	Part no.			
5	9	Up to 600	SW R7036 CS	956.1004			
Con	ısistin	g of:					
6a	1 x	TIP-ON 956. – short version with magnet					
6b	1 x	Screw-on catch plate					
6c	1 x	Glue-on catch plate					
	Not suitable for powder-coated, waxed or oiled surfaces						
-	1 x	Chipboard screws Ø 3.5 x 15 mm.	, part no. 609.1500				

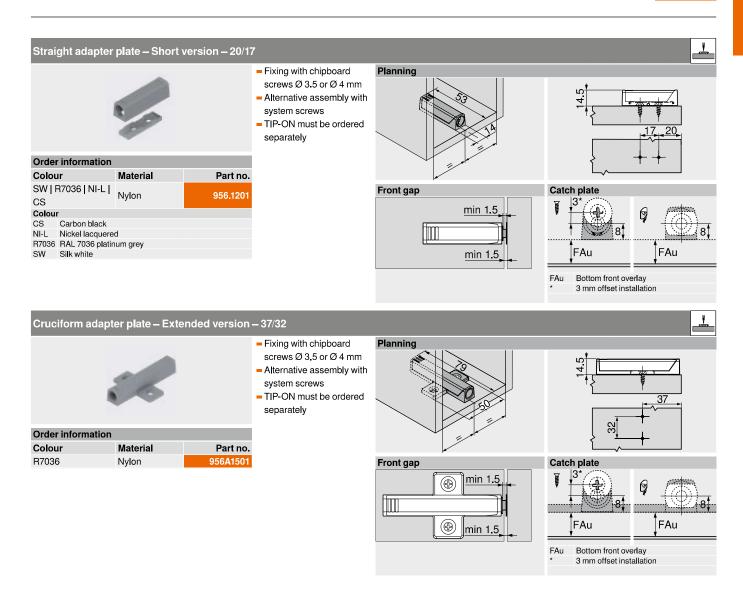
Accessories						
7		Adapter plate				
		Version	Colour	Part no.		
		Straight adapter plate – Short version	SW R7036 NI-L CS	956.1201		
	-	Cruciform adapter plate – Extended version	R7036	956A1501		

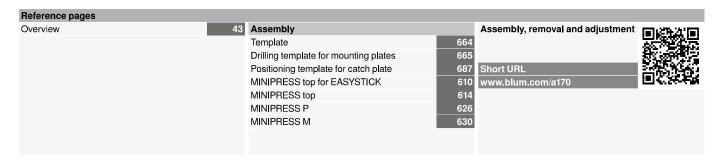
Colour		Colour		
HGR	Light grey	R7036	RAL 7036 platinum grey	
SW	Silk white	NI-L	Nickel lacquered	
TGR	Dark grey	IN-G	In-mould brushed stainless steel	
CS	Carbon black			











Lift system for small stay lifts



AVENTOS HK-S is well-suited for small wall cabinets such as those over the larder unit or refrigerator. Due to its small installation size, AVENTOS HK-S fits harmoniously into smaller cabinets.

- Ideal for small stay lifts
- Soft and effortless closing thanks to

BLUMOTION

- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Suitable for wall cabinets with cornice or crown moulding
- Small range, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- No protruding parts
- Optional: TIP-ON for AVENTOS

Ease of use and design options



The small stay lift remains in any desired position. The front is thus within easy reach for closing.



The lift mechanism is easily adjusted from the front to be compatible with the front weight.



Handle-less doors can be opened easily with TIP-ON - a light touch is white, light grey and dark grey. all that's needed.



The cover cap is available in silk

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: excellent durability.



No protruding parts

Delivered with closed lever - an advantage for furniture manufacturing and kitchen installation.



Cornice and crown moulding

When developing AVENTOS HK-S, we also took into account cabinets with cornices and crown moulding.



Compact design

Due to its minimal installation size, AVENTOS HK-S fits easily into smaller cabinets.