AVENTOS

Lift systems



www.blum.com

The latest generation in our comprehensive repertoire

With a focus on efficiency and ease of use, the AVENTOS top program sets a new standard in functionality and convenience. We have reduced the size of the mechanism to optimize space within the cabinet and streamlined the installation process. This takes the guesswork out of measuring and calculating positions for a seamless experience. Building upon years of innovation, our newest evolution improves both form and function.



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Elevate your offering

Providing a unique solution like AVENTOS to customers not only differentiates your brand, but also enhances the functionality and aesthetic appeal of your cabinets. Lift-up doors offer benefits to homeowners including maximizing storage space, providing easy access to storage items and improving overall convenience. AVENTOS lends a sleek and modern design that adds a touch of sophistication to any space while offering a solution for everyday use.



Simplified assembly and installation with positioning system

Thanks to the integrated positioning system, you can install the lift mechanism quickly, easily and correctly – and without any calculations.



Effortless opening and closing with integrated motion technology

The integrated BLUMOTION soft-close mechanism offers effortless closing every time. You can also incorporate the SERVO-DRIVE electrical opening support system or TIP-ON mechanical opening support system so handleless cabinet fronts open with a light touch.

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Customized solution with wide range of applications

No matter the need, we have a lift system that can fulfill it. Whether the cabinet door should fold, swing up and over, pivot or lift straight up, cabinet interiors are fully visible once the door is completely out of the way.

More information
about AVENTOS:
www.blum.com/aventostop

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Reliable quality

For us, product quality is not just about design and function. Our hardware suits a wide range of applications and can be assembled and installed with utmost precision, so that you exceed your customers' expectations.

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Blum Quality

We're committed to creating a powerful product experience. We constantly test product durability through rigorous standards knowing a kitchen will last 20+ years. Because we are so confident in our quality, we offer a limited lifetime warranty on our products as long as the original owner has possession of the cabinet. A full 5-year warranty is offered when electrical components manufactured by Blum are used in combination with our other products.

Precision testing

Each piece of hardware is tested extensively according to strict criteria. Testing is performed in our own labs, as well as in conjunction with international testing organizations. An AVENTOS lift system is subjected to 80,000 opening and closing cycles in Blum's in-house laboratories. Only then are we satisfied with the quality.



Moving Ideas for Sustainability

Blum has been a global leader in sustainability, energy efficiency and carbon reduction for decades. Our overarching policy is informed by the United Nations' 17 Sustainable Development Goals, with special focus on those most closely aligned with our operations and our ability to make a positive impact. Each year we establish new goals for reducing wasted material, water and energy to ensure our production facilities have as little impact on the environment as possible.

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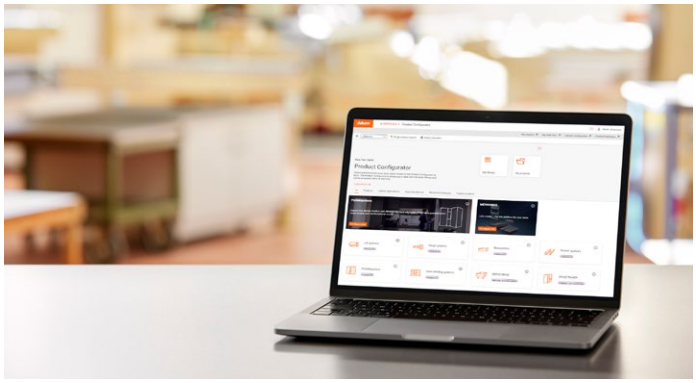
Solutions for all applications



Accessibility meets design freedom

Since the cabinet doors open upwards, AVENTOS provides an excellent view into the cabinet interior, enabling comfortable and ergonomic access to storage items.

The AVENTOS program opens up a whole new world of design possibilities for kitchen and office spaces. Even the widest and heaviest doors can be accommodated. Wide base cabinet designs can now be mirrored in the wall cabinets above to create a more uniform look.



Easy planning for AVENTOS

Blum's Product Configurator provides a parts list and planning information based on your specifications. Once complete, you can export your results to a shareable document.

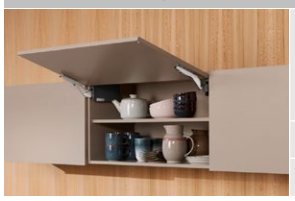
Learn more about the Product Configurator: **www.blum.com/configurator**

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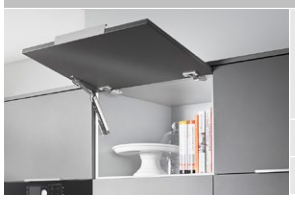
AVENTOS HF top		Frameless and face frame cabinet		
	**Bi-fold door** Height range: **480** (18-7/8") to **1219** (48") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	SERVO-DRIVE
	Ordering information	page 11	page 11	page 13, 70
	Cabinet preparation	page 14	page 14	page 18

AVENTOS HS top		Frameless and face frame cabinet		
	**Up-and-over door** Height range: **350** (13-3/4") to **800** (31-1/2") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	SERVO-DRIVE
	Ordering information	page 21	page 21	page 23, 70
	Cabinet preparation	page 24	page 24	page 26

AVENTOS HL top		Frameless and face frame cabinet		
	**Lift up door** Height range: **300** (11-13/16") to **580** (22-13/16") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	SERVO-DRIVE
	Ordering information	page 29	page 29	page 31, 70
	Cabinet preparation	page 32	page 32	page 35

AVENTOS HK top		Frameless and face frame cabinet		
	**Stay lift door** Height range: **205** (8") to **610** (24") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	SERVO-DRIVE
	Ordering information	page 37	page 37	page 39, 70
	Cabinet preparation	page 43	page 43	page 45

AVENTOS HK-S		Frameless and face frame cabinet		
	**Stay lift door** Height range: **186** (7-3/8") to **610** (24") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	TIP-ON for AVENTOS
	Ordering information	page 47	page 47	page 48
	Cabinet preparation	page 50	page 50	page 50

AVENTOS HK-XS		Frameless and face frame cabinet		
	**Stay lift door** Height range: **238** (9-3/8") to **610** (24") Cabinet widths up to **1828** (72")	Wood or wide aluminum frame door	Narrow aluminum frame door	TIP-ON for AVENTOS
	Ordering information	page 53	page 53	page 55
	Cabinet preparation	page 57	page 58	page 60

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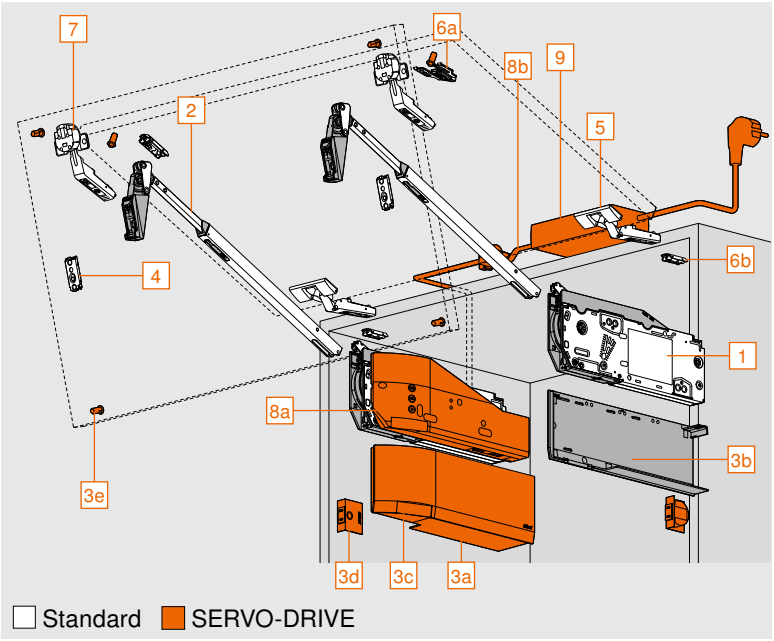
AVENTOS HF top

Up and out of the way



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Ordering information



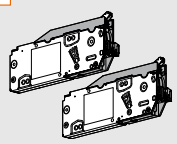
- Ideal for taller wall cabinets with bi-fold doors
- Cabinet height **480** (18-7/8") to **1219** (48")
- Cabinet width up to **1828** (72")
- Inside depth of at least **264** (10-3/8")
- Integrated BLUMOTION for soft and effortless closing
- Light operating forces
- Variable stop
- Integrated opening angle stop
- Fixed position of the lift mechanism and mounting plate for lever
- Symmetrical levers
- Tool-free assembly
- Two lift mechanism fixing methods
- 3-dimensional adjustment of both doors
- Center hinge with finger safety feature

Note
Power factor = cabinet height* [inch] x combined door weight including handle weight [lb] *Calculate with theoretical cabinet height (TKH) for asymmetrical doors
For asymmetrical doors: **theoretical cabinet height (TKH)** = door height top (FHo) [inch] x **2** + gaps
The larger door must be at the top for asymmetrical doors.
We recommend the more powerful lift mechanism for applications in overlapping ranges. A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.
The power factor can be increased by 50% when using a third lift mechanism. We recommend a third lift mechanism for wide cabinets. This will prevent the door from sagging when open.

Lift mechanism set ☐ ■

Fixing with wood screws and positioning system

1



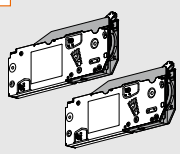
Set includes:
- Symmetrical lift mechanism with positioning system (qty 2)
- Wood screws Ø**4** x **35** (qty 8)

Power factor	Part no.
238–1188	**22F2500**
880–1698	**22F2800**

Lift mechanism set ☐ ■

Fixing with pre-attached system screws

1



Set includes:
- Symmetrical lift mechanism with pre-attached system screws (qty 2)

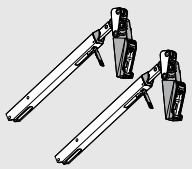
Power factor	Part no.
238–1188	**22F2510**
880–1698	**22F2810**

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Ordering information

Lever set

2



Set includes:
– Symmetrical lever (qty 2)

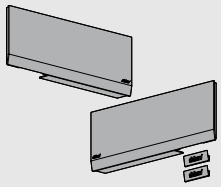
Specify finish when ordering:
Nickel (NI) Eclipse black (ECS)

Cabinet height*	Part no.
480 (18-7/8")–**610** (24")	22F3200
600 (23-5/8")–**910** (35-7/8")	22F3500
840 (33-1/8")–**1219** (48")	22F3900

*For asymmetrical doors: **theoretical cabinet height (TKH)** = door height top (FHo) x **2** + gaps

Cover cap set

3



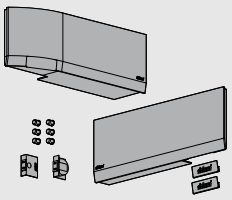
Set includes:
- Cover cap left
3b Cover cap right
3c Stainless steel branding element – Blum logo (qty 2)

Specify color when ordering:
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	Part no.
Cover cap set	22.8000

Cover cap set for SERVO-DRIVE

3



Set includes:
3a SERVO-DRIVE cover cap left (qty 1)
3b Cover cap right (qty 1)
3c Stainless steel branding element – Blum logo (qty 2)
3d SERVO-DRIVE switch (qty 2)
3e Blum distance bumper Ø**5** (qty 6)

Specify color when ordering:
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	Part no.
Cover cap set for SERVO-DRIVE	23.8000

Branding element (optional)

3c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Wood or wide aluminum door hardware set for frameless or partial overlay face frame

Set includes:

4	Mounting plate for lever; in-line (qty 2)	Screw-on	175H3100
5	CLIP top 120° free swing hinge (qty 2)	Press-in	70T5580.TL
6a	CLIP mounting plate; face frame (qty 4)	Screw-on	175H6000
7	CLIP top center hinge (qty 2)	Press-in	78Z5530T

Specify finish when ordering:
Nickel (NI) Onyx black (ONS)

	Part no.
Hardware set – frameless or partial overlay face frame	78Z5530T28

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Ordering information

Wood or wide aluminum door hardware set for large overlay face frame

Set includes:

4	Mounting plate for lever for large overlay 5-piece doors (qty 2)	Screw-on	175H3F00
5	COMPACT 33 free swing hinge (qty 2)	Press-in	32.4630
6a	CLIP mounting plate; face frame (qty 2)	Screw-on	175H6000
6b	COMPACT 33 mounting plate; 1-1/4" overlay (qty 2)	Screw-on	130.1130.02
7	CLIP top center hinge (qty 2)	Press-in	78Z5530T

	Part no.
Hardware set – large overlay face frame	**78Z5530TA9**

Narrow aluminum door hardware set

Set includes:

4	CLIP narrow al. mounting plate for lever (qty 2)	Screw-on	175H5B00
5	CLIP top free swing narrow al. top door hinge (qty 2)	Screw-on	72T550A.TL
6a	CLIP narrow al. center hinge mounting plate (qty 2)	Screw-on	175H5A00
6b	CLIP top door mounting plate; in-line (qty 2)	Screw-on	175H3100
7	CLIP top narrow al. center hinge (qty 2)	Screw-on	78Z550AT
-	Aluminum screw for center mounting plate, bottom hinge, top hinge, and mounting plate for lever (qty 18)		699.110

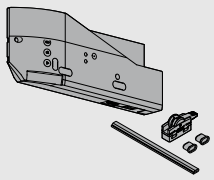
Specify finish when ordering:

Nickel (NI) Onyx black (ONS)

	Part no.
Hardware set – narrow aluminum	**78Z550ATA6**

SERVO-DRIVE set

8



Set includes:

8a	SERVO-DRIVE drive unit (qty 1)
8b	SERVO-DRIVE distribution cable, **1500** (qty 1)
-	Connecting node (qty 1)
-	Cable end protector (qty 2)

NOTE: For three lift mechanisms or more, we recommend two synchronized drive units

Dust gray (R7037)

	Part no.
SERVO-DRIVE set	**23.A000**

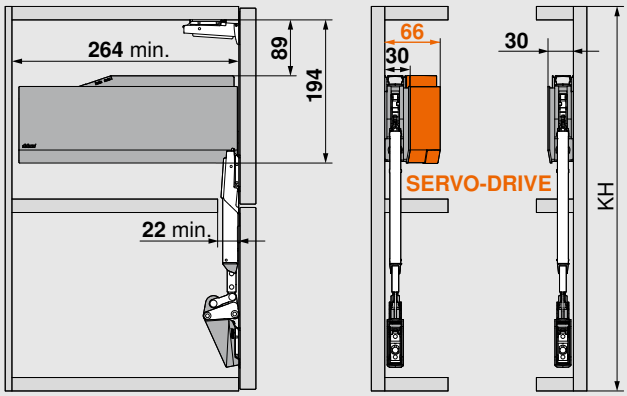
SERVO-DRIVE power supply unit and accessories

9 See page 70 for complete ordering information

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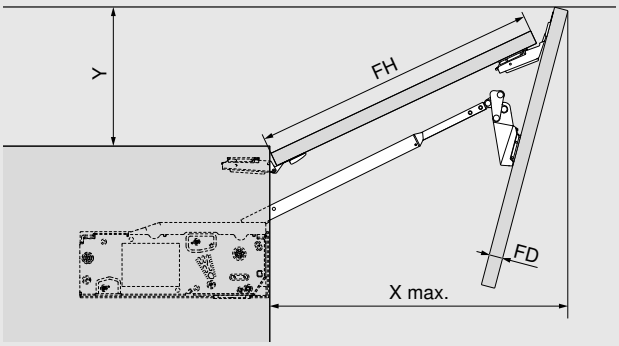
Planning

Space requirement



KH = Cabinet height

Space requirement upper



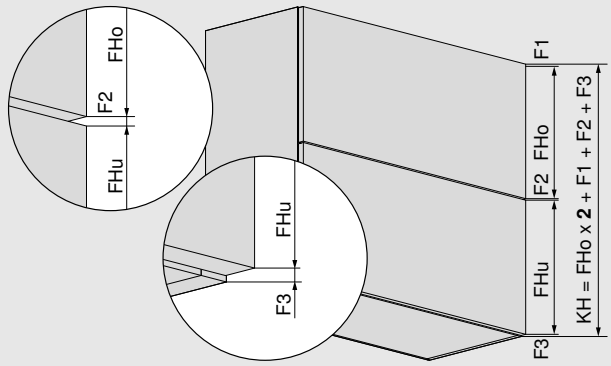
X maximum = FH x **0.9** + **1.5** x FD + **35**

FD = Door thickness

FH = Door height

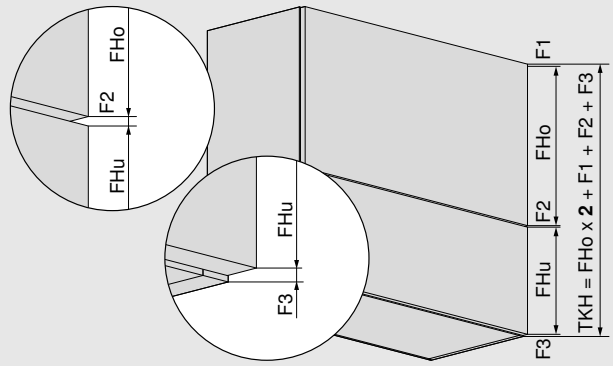
Opening angle stop	Y
None	FH x **0.44** + **38**
107°	FH x **0.29** + **35**
97°	FH x **0.12** + **31**
88°	**28**
81°	**0**

Symmetrical door



F1 = Gap 1
F2 = Gap 2
F3 = Gap 3
FHo = Door height top
FHu = Lower door height
KH = Cabinet height

Asymmetrical door



F1 = Gap 1
F2 = Gap 2
F3 = Gap 3
FHo = Door height top
FHu = Lower door height
TKH = Theoretical cabinet height

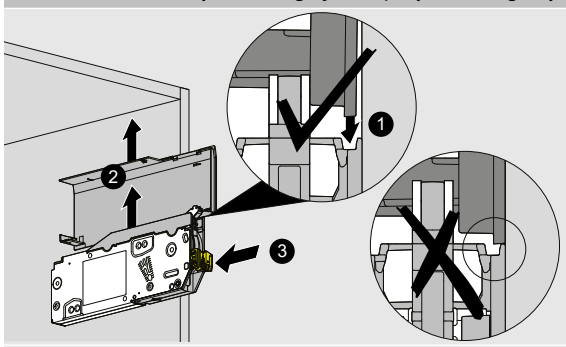
Blum's product configurator is recommended for planning asymmetrical door applications

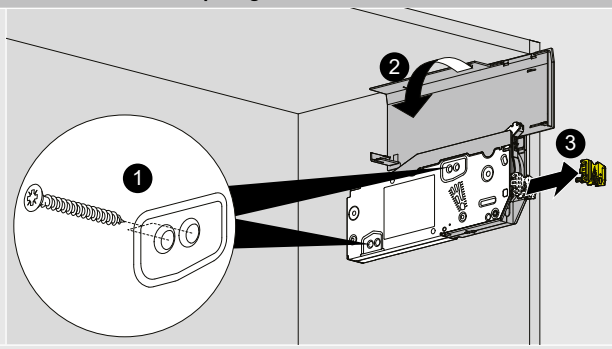
www.blum.com/configurator

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Planning

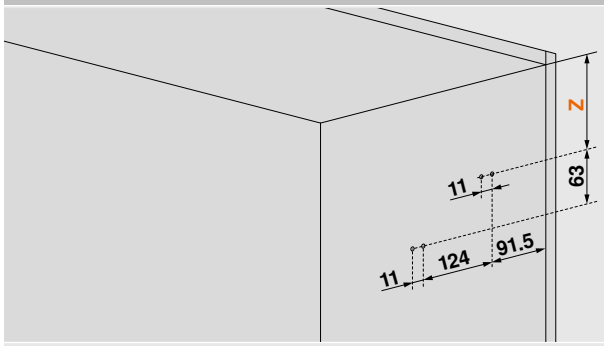
Lift installation with positioning system (no pre-drilling required) - Frameless cabinet with CLIP top hinges

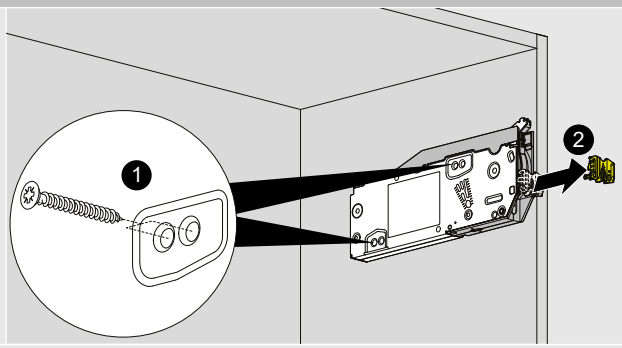




4 x wood screws Ø**4** x **35**

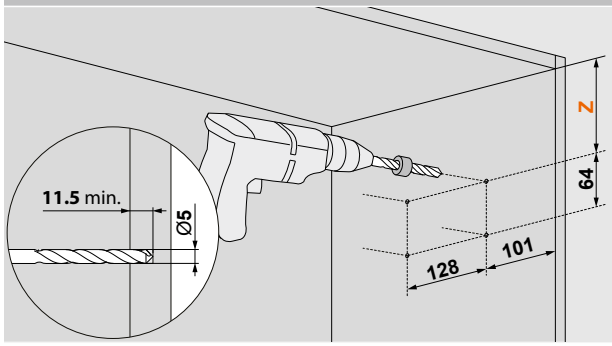
Lift installation with positioning system

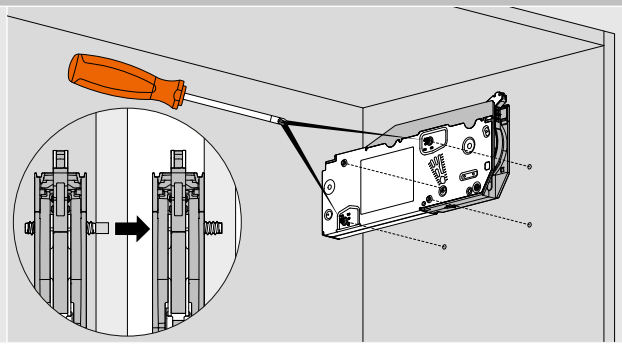




4 x wood screws Ø**4** x **35**

Lift installation with system screws





Cabinet type	Hinge	Cabinet height range	Z
Face frame with block-out	**COMPACT/COMPACT CLIP**	**560** (22")–**1219** (48")	**99.5**
		480 (18-7/8")–**519** (20-1/2")	**77.5**
Face frame with block-out	**CLIP top**	**560** (22")–**1219** (48")	**119.5**
		480 (18-7/8")–**559** (22")	**84.5**
Frameless	**CLIP top**	**520** (20-1/2")–**1219** (48")	**116**
		480 (18-7/8")–**559** (22")	**93**

Face frame application

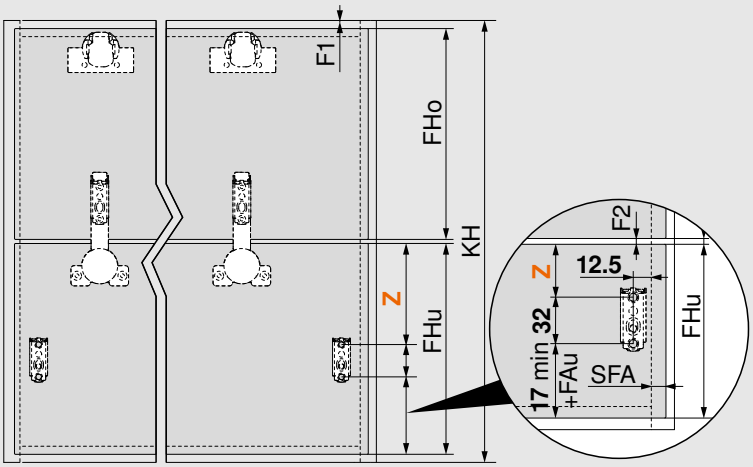
See page 64 for information on face frame mounting brackets.

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Planning

Wooden doors and wide aluminum frames

Lever set mounting plate location for wood and wide aluminum frames



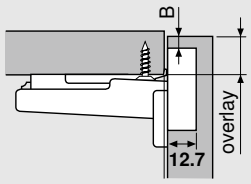
Cabinet type	Hinge	Cabinet height (KH)	Z
Frameless	CLIP top	**480** (18-7/8")–**519** (20-1/2")	**170**
		520 (20-1/2")–**1219** (48")	**189**
Face frame	CLIP top	**480** (18-7/8")–**559** (22")	**172**
		560 (22")–**1219** (48")	**194**
Face frame	COMPACT COMPACT CLIP	**480** (18-7/8")–**559** (22")	**170**
		560 (22")–**1219** (48")	**189**

F1 = Gap 1
F2 = Gap 2
FAu = Bottom door overlay
FHo = Door height top
FHu = Lower door height
SFA = Side door overlay

Frameless application

CLIP top hinge

Top door hinge



*Bore at **3** then adjust **1**

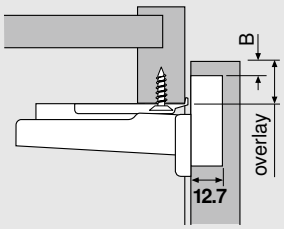
Overlay				
13*	14	15	16	17
3	3	4	5	6

B = Bore distance

Face frame application

CLIP top hinge

Top door hinge – small overlay

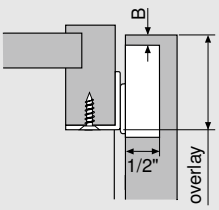


*Bore at **3** then adjust **1**

Overlay				
13*	14	15	16	17
3	3	4	5	6

B = Bore distance

Top door hinge – large overlay

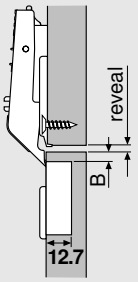


Overlay
32 (1-1/4")
3 (1/8")

B = Bore distance

CLIP top hinge

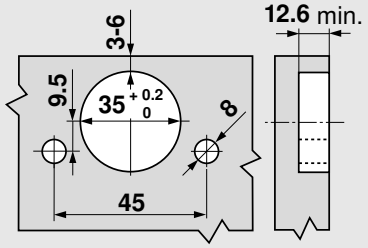
Bottom door hinge



Reveal			
6	5	4	3
3	4	5	6

B = Bore distance

Hinge boring pattern

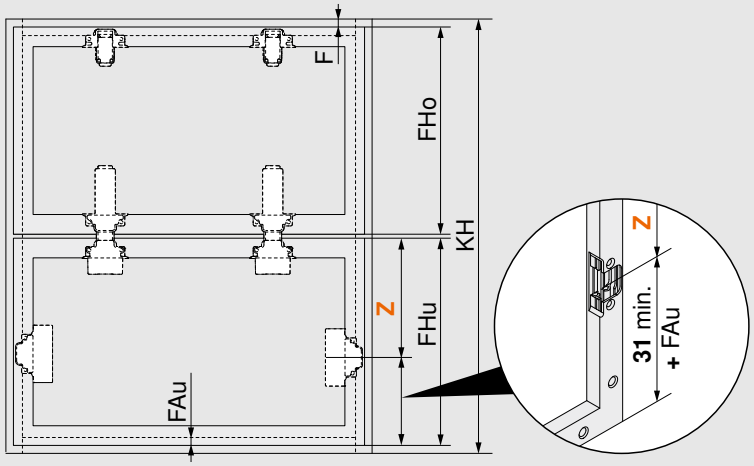


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Planning

Narrow aluminum frames

Lever set mounting plate location for narrow aluminum frames



Cabinet height (KH)	Z
480–519	188
520–1219	207

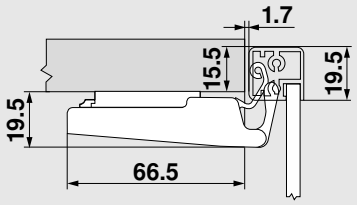
F = Gap

FAu = Bottom door overlay

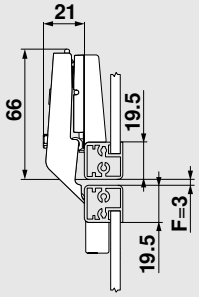
FHo = Door height top

FHu = Lower door height

CLIP top 120° aluminum frame door hinge



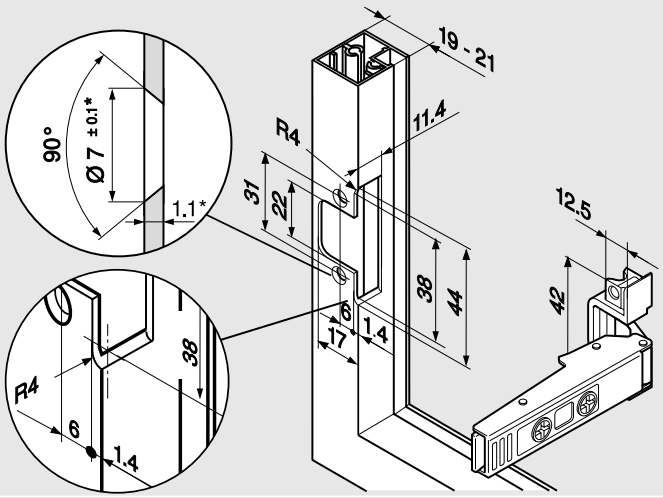
CLIP top aluminum center hinge



F = **1.5** minimum gap

The gap needs to be adjusted for frame thicknesses over **20.5**

Screw-on assembly (hinge | adapter plate)



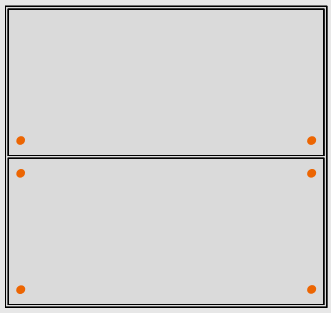
*When changing material thickness, adjust the assembly dimensions accordingly

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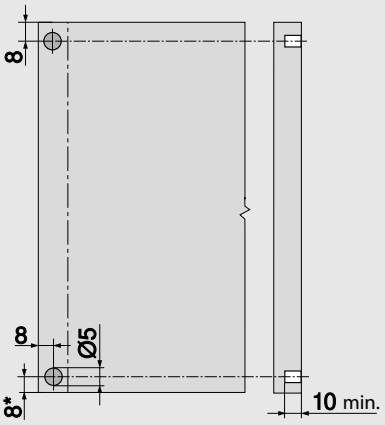
Planning

SERVO-DRIVE for AVENTOS HF top

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



NOTE: The distance bumper should not touch the SERVO-DRIVE switch

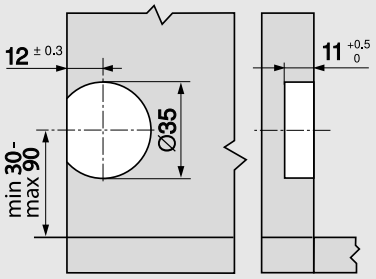
Recommendation for aluminum frames

Consider drilling the Blum distance bumper in the cabinet side

A trial application must be carried out when fixing to the door

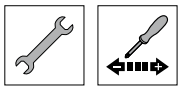
*From cabinet bottom edge for doors that protrude below

SERVO-DRIVE switch



Installation and adjustment instructions





Use QR code or link below for AVENTOS HF top installation and adjustment instructions

www.blum.com/hftopassembly

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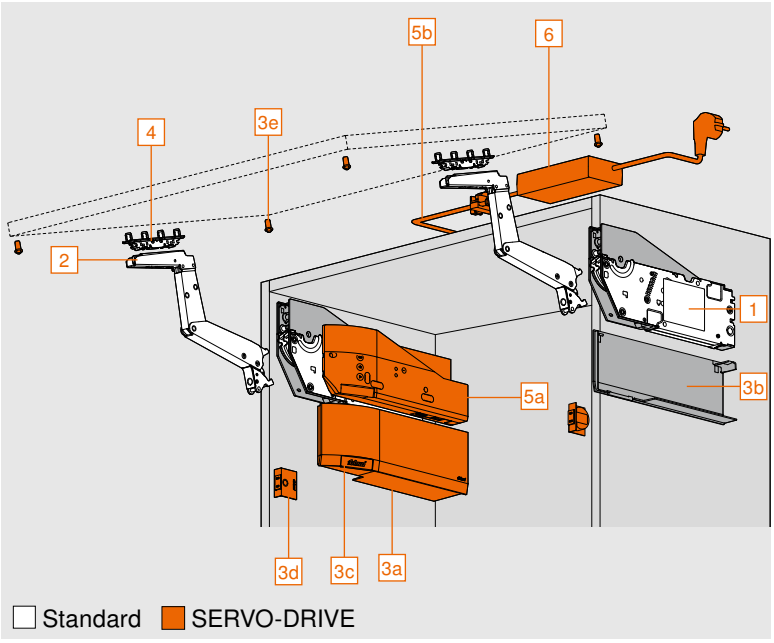


AVENTOS HS top

Up, over and out of the way

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Ordering information



- Ideal for large, one-part doors
- Cabinet height **350** (13-3/4") to **800** (31-1/2")
- Cabinet width up to **1828** (72")
- Inside depth of at least **264** (10-3/8")
- Integrated BLUMOTION for soft and effortless closing
- Light operating forces
- Variable stop
- Fixed position of the lift mechanism and door mounting plate
- Symmetrical levers
- Tool-free assembly
- Two lift mechanism fixing methods
- 3-dimensional adjustment of the door

Note

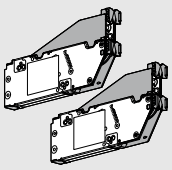
We recommend the more powerful lift mechanism for applications in overlapping ranges.
A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.

The power factor can be increased by 50% when using a third lift mechanism.
We recommend a third lift mechanism for wide cabinets. This will prevent the door from sagging when open.

Lift mechanism set ☐■

Fixing with wood screws and positioning system

1



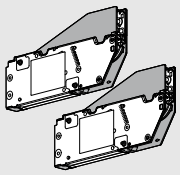
Set includes:
- Symmetrical lift mechanism with positioning system (qty 2)
- Wood screws Ø**4** x **35** (qty 8)

Cabinet height	Door weight (lb/oz)	Part no.
350 (13-3/4")–**450** (17-5/8")	**4**/6–**25**/5	**22S2200**
450 (17-5/8")–**540**(21-1/4")	**5**/8–**27**/9	
480 (18-7/8")–**660** (25-7/8")	**6**/1–**33**/10	**22S2500**
650 (25-1/2")–**800** (31-3/8")	**7**/11–**40**/13	**22S2800**

Lift mechanism set ☐■

Fixing with pre-attached system screws

1



Set includes:
- Symmetrical lift mechanism with pre-attached system screws (qty 2)

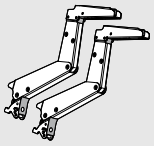
Cabinet height	Door weight (lb/oz)	Part no.
350 (13-3/4")–**450** (17-5/8")	**4**/6–**25**/5	**22S2210**
450 (17-5/8")–**540** (21-1/4")	**5**/8–**27**/9	
480 (18-7/8")–**660** (25-7/8")	**6**/1–**33**/10	**22S2510**
650 (25-1/2")–**800** (31-3/8")	**7**/11–**40**/13	**22S2810**

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Ordering information

Lever set

2



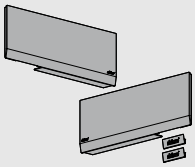
Set includes:
– Symmetrical levers (qty 2)

Specify finish when ordering:
Nickel (NI) Eclipse black (ECS)

	Part no.
Symmetrical lever set	22S3500

Cover cap set

3



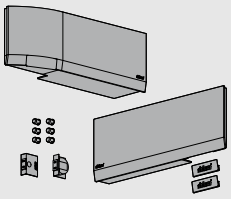
Set includes:
- Cover cap left
3b Cover cap right
3c Stainless steel branding element – Blum logo (qty 2)

Specify color when ordering:
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	Part no.
Cover cap set	22.8000

Cover cap set for SERVO-DRIVE

3



Set includes:
3a SERVO-DRIVE cover cap left (qty 1)
3b Cover cap right (qty 1)
3c Stainless steel branding element – Blum logo (qty 2)
3d SERVO-DRIVE switch (qty 2)
3e Blum distance bumper Ø**5** (qty 6)

Specify color when ordering:
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	Part no.
Cover cap set for SERVO-DRIVE	23.8000

Branding element (optional)

3c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)
Dark gray (TGR)
Silk white (SW)
Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

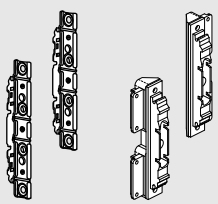
Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Door hardware set

4



– Use 4 wood screws (606N or 606P) per side for wooden doors.
– Use 4 (included) countersunk self-tapping screws (660.0950) per side for narrow aluminum frames.

Specify finish when ordering 20S4200 or 20S4200A:
Nickel (NI) Onyx black (ONS)

	Part no.
Wooden doors and wide aluminum frames	20S4200
Narrow aluminum frames	20S4200A
Large overlay 5-piece doors	20S4F01

EXPANDO T door mounting plate



– EXPANDO T suitable for thin fronts – see page 65
– Thin fronts (qty 2)

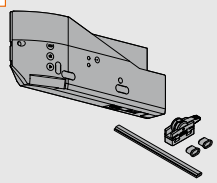
	Part no.
EXPANDO T door mounting plate	20S42T1

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Ordering information

SERVO-DRIVE set

5



Set includes:

- 5a SERVO-DRIVE drive unit (qty 1)
- 5b SERVO-DRIVE distribution cable, **1500** (qty 1)
- \- Connecting node (qty 1)
- \- Cable end protector (qty 2)

NOTE: For three lift mechanisms or more, we recommend two synchronized drive units

Dust gray (R7037)

	Part no.
SERVO-DRIVE set	**23.A000**

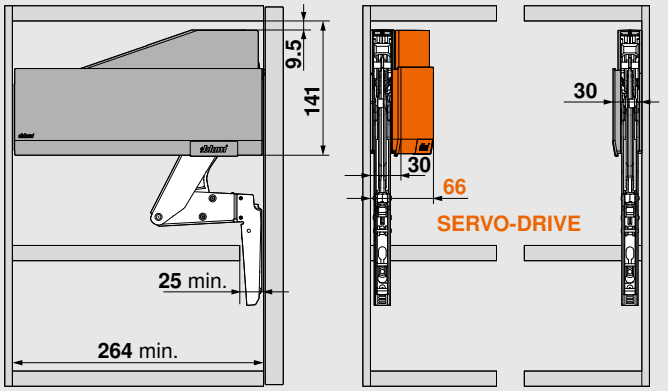
SERVO-DRIVE power supply unit and accessories

6 See page 70 for complete ordering information

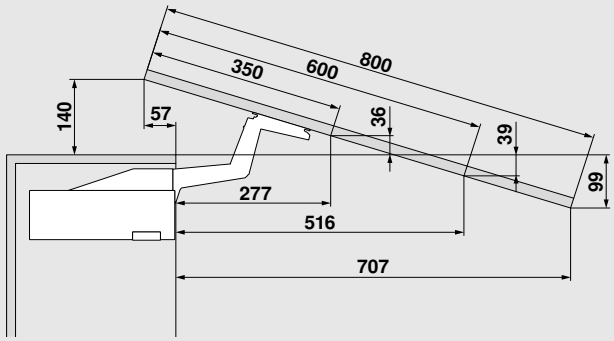
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Planning

Space requirement

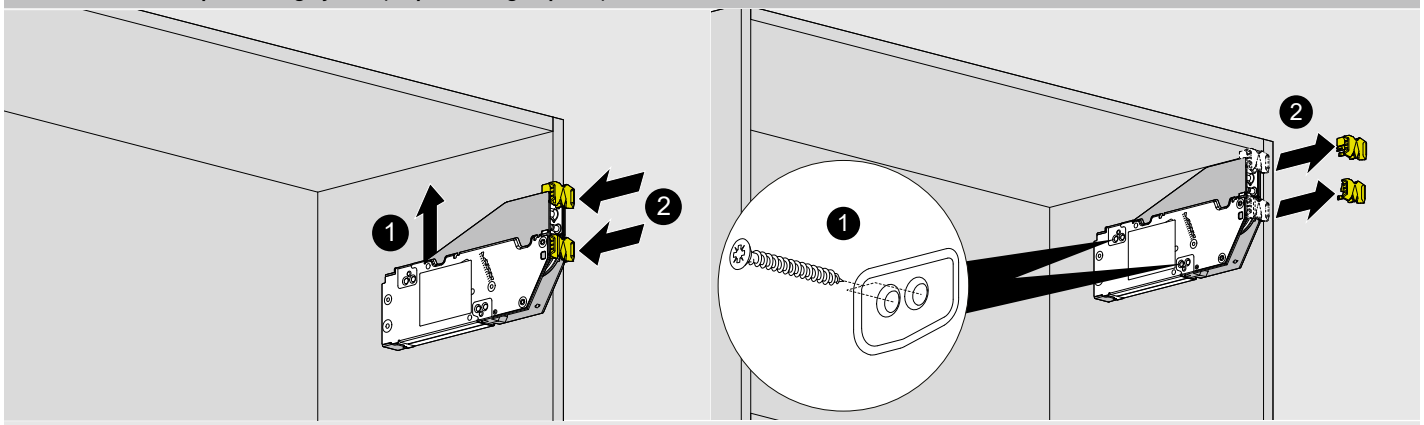


Door protrusion for common cabinet heights



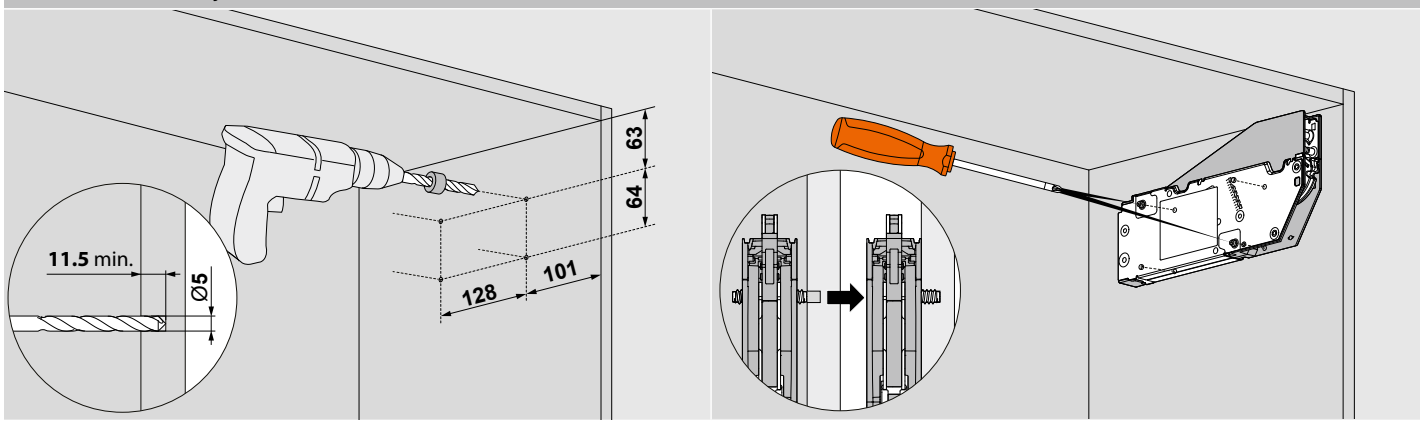
Dimensions depend on tilt adjustment

Lift installation with positioning system (no pre-drilling required)



4 x wood screws Ø**4** x **35**

Lift installation with system screws



Face frame application

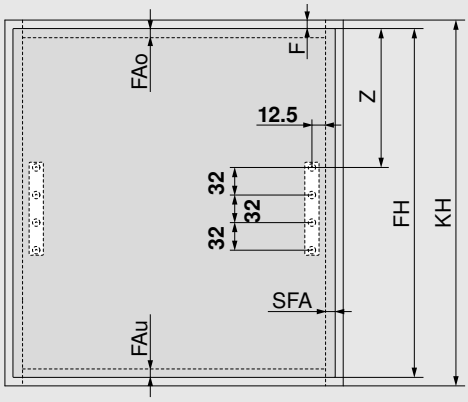
See page 64 for information on face frame mounting brackets.

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Planning

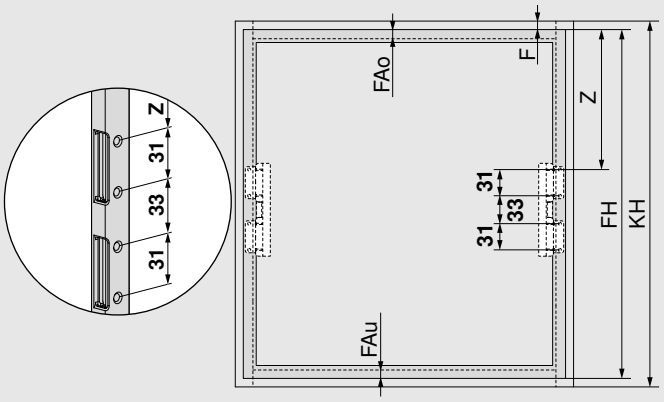
Door assembly

Wooden doors and wide aluminum frames



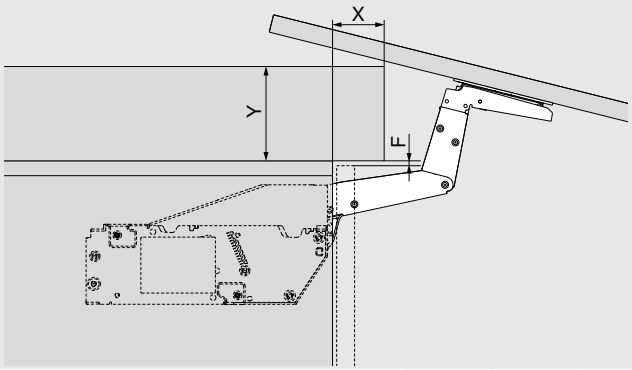
FAo = Upper door overlay
FAu = Bottom door overlay
F = Gap
Z = **195** + FAo
FH = Door height
KH = Cabinet height
SFA = Side door overlay

Narrow aluminum frames



FAo = Upper door overlay
FAu = Bottom door overlay
F = Gap
Z = **195.5** + FAo
FH = Door height
KH = Cabinet height

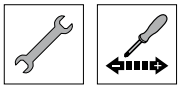
Space requirement – cornice | crown molding



F	**3.0**	**2.0**	**1.5**
X maximum	**31**	**29**	**27**
Y maximum	**117**	**118**	**119**

F = Gap

Installation and adjustment instructions



Use QR code or link below for AVENTOS HS top installation and adjustment instructions

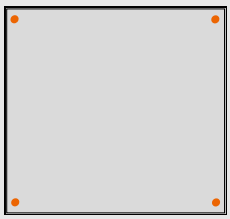
www.blum.com/hstopassembly

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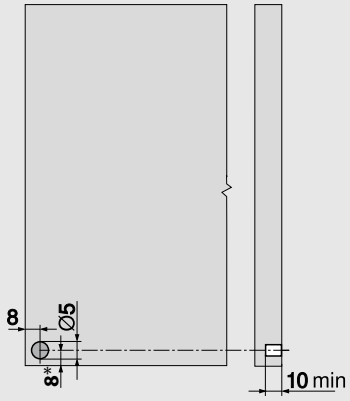
Planning

SERVO-DRIVE for AVENTOS HS top

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



NOTE: The distance bumper should not touch the SERVO-DRIVE switch

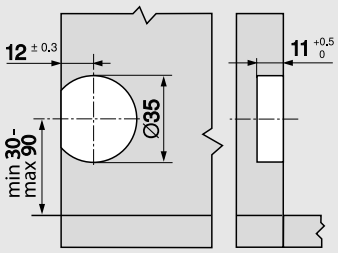
Recommendation for aluminum frames

Consider drilling the Blum distance bumper in the cabinet side

A trial application must be carried out when fixing to the door

*From cabinet bottom edge for doors that protrude below

SERVO-DRIVE switch



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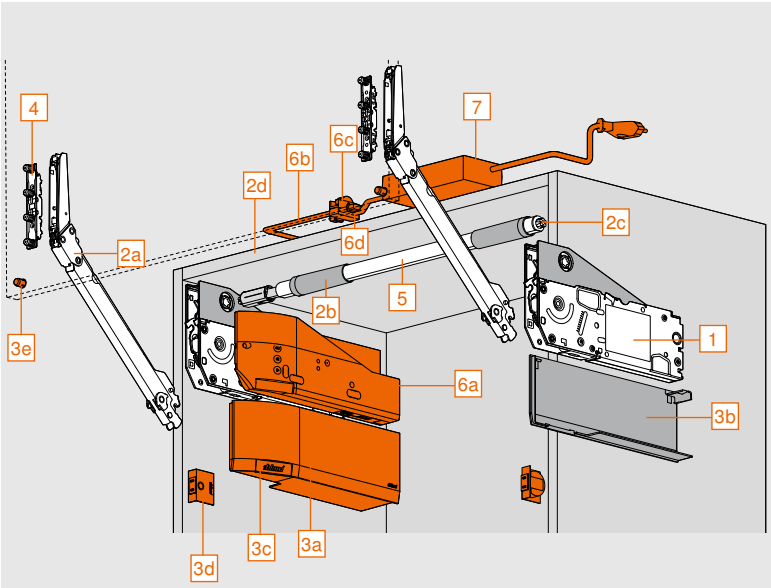
AVENTOS HL top

Up and out of the way



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Ordering information



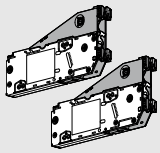
☐ Standard ■ SERVO-DRIVE

- Ideal for small one-part doors
- Ideal for appliance garage applications (22L3900 arm recommended)
- Cabinet height **300** (11-13/16") to **580** (22-13/16")
- Cabinet width up to **1828** (72")
- Inside depth of at least **264** (10-3/8")
- Integrated BLUMOTION for soft and effortless closing
- Light operating forces
- Variable stop
- Fixed position of the lift mechanism and door mounting plate
- Symmetrical levers
- Tool-free assembly
- Two lift mechanism fixing methods
- 3-dimensional adjustment of the door

Lift mechanism set ☐■

Fixing with wood screws and positioning system

1



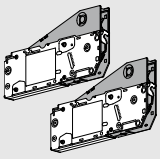
Set includes:
- Symmetrical lift mechanism with positioning system (qty 2)
- Wood screws Ø**4** x **35** (qty 8)

Cabinet height	Part no.
300 (11-3/4")–**389** (15-1/4")	**22L2200**
390 (15-1/4")–**580** (22-3/4")	**22L2500**

Lift mechanism set ☐■

Fixing with pre-attached system screws

1

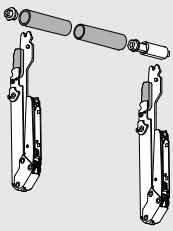


Set includes:
- Symmetrical lift mechanism with pre-attached system screws (qty 2)

Cabinet height	Part no.
300 (11-3/4")–**389** (15-1/4")	**22L2210**
390 (15-1/4")–**580** (22-3/4")	**22L2510**

Lever set ☐■

2



Set includes:
- 2a Symmetrical lever (qty 2)
- 2b Cross stabilizer cover cap (qty 2)
- 2c Adapter for cross stabilizer rod (qty 1)
- 2d Length adapter for cross stabilizer (qty 1)

Specify finish when ordering:
Nickel (NI) Eclipse black (ECS)

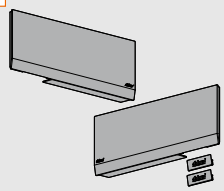
Cabinet height	Door weight (lb/oz)	Part no.
300 (11-3/4")–**339** (13-1/4")	**3**/5–**19**/13	**22L3200**
340 (13-3/8")–**389** (15-1/4")	**3**/14–**22**/1	**22L3500**
390 (15-1/4")–**540** (21-1/4")	**4**/6–**27**/0	**22L3800**
480 (18-7/8")–**580** (22-3/4")	**5**/8–**30**/14	**22L3900**

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Ordering information

Cover cap set

3



Set includes:

- Cover cap left
- 3b Cover cap right
- 3c Stainless steel branding element – Blum logo (qty 2)

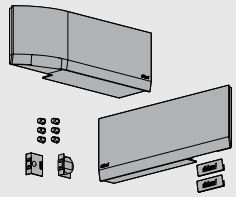
Specify color when ordering:

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	Part no.
Cover cap set	22.8000

Cover cap set for SERVO-DRIVE

3



Set includes:

- 3a SERVO-DRIVE cover cap left (qty 1)
- 3b Cover cap right (qty 1)
- 3c Stainless steel branding element – Blum logo (qty 2)
- 3d SERVO-DRIVE switch (qty 2)
- 3e Blum distance bumper Ø**5** (qty 6)

Specify color when ordering:

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	Part no.
Cover cap set for SERVO-DRIVE	23.8000

Branding element (optional)

3c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

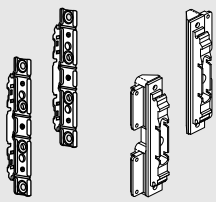
Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Door hardware set

4



- Use 4 wood screws (606N or 606P) per side for wooden doors.
- Use 4 (included) countersunk self-tapping screws (660.0950) per side for narrow aluminum frames.

Specify finish when ordering 20S4200 or 20S4200A:

Nickel (NI) Onyx black (ONS)

	Part no.
Wooden doors and wide aluminum frames	20S4200
Narrow aluminum frames	20S4200A
Large overlay 5-piece doors	20S4F01

EXPANDO T door mounting plate



- EXPANDO T suitable for thin fronts – see page 65
- Thin fronts (qty 2)

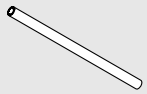
	Part no.
EXPANDO T door mounting plate	20S42T1

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Ordering information

Cross stabilizer

5



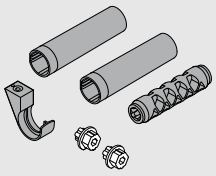
- Length: **1076**
- For cutting to size:
  Inside cabinet width LW - **113**

Specify finish when ordering:

Nickel (NI) Eclipse black (ECS)

	Part no.
Cross stabilizer	**22Q1076U**

Connecting piece set for cross stabilizer (optional)



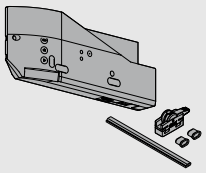
Set includes:
- Cross stabilizer cover cap (qty 2)
- Adapter for cross stabilizer rod (qty 2)
- Connecting piece for cross stabilizer (qty 1)
- Cross stabilizer fixing (qty 1)

- Zinc
- Recommended from an inside cabinet width of **1190** or a cabinet width of **1228**
- Cutting for **5**:
  Inside cabinet width LW/**2** - **105**

	Part no.
Connecting piece set for cross stabilizer	**22Q080Z**

SERVO-DRIVE set

6



Set includes:

6a SERVO-DRIVE drive unit (qty 1)

6b SERVO-DRIVE distribution cable, **1500** (qty 1)

6c Connecting node (qty 1)

6d Cable end protector (qty 2)

NOTE: For three lift mechanisms or more, we recommend two synchronized drive units

Dust gray (R7037)

	Part no.
SERVO-DRIVE set	**23.A000**

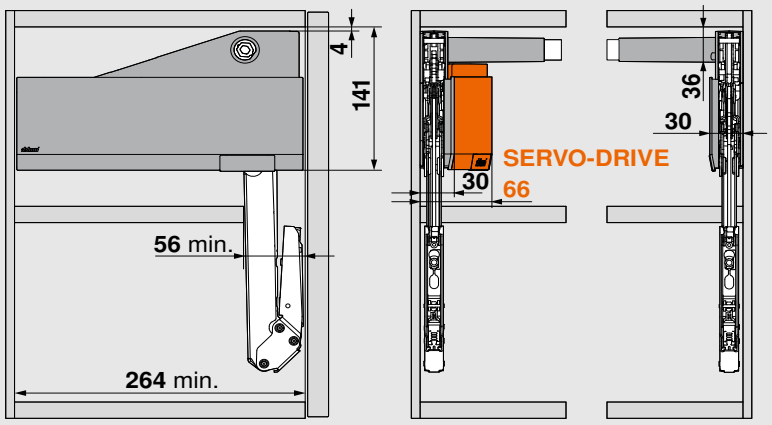
SERVO-DRIVE power supply unit and accessories

7 See page 70 for complete ordering information

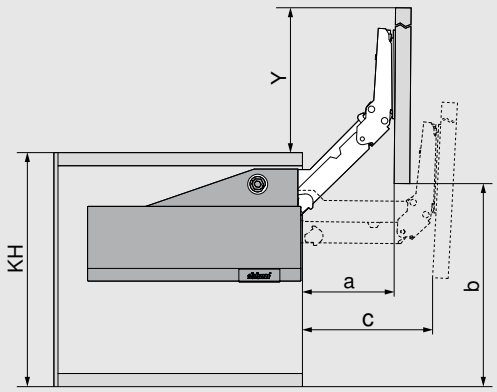
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Planning

Space requirement



Door setting



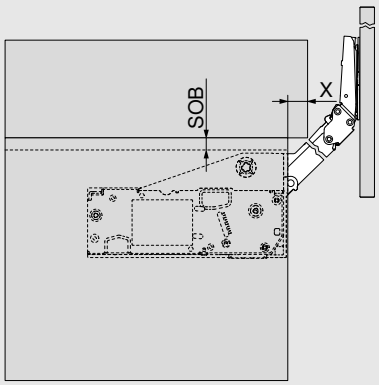
Lever set	a	b	c	Y
22L3200	112	272.5	155.5	272.5
22L3500	140.5	340	195	340
22L3800	176	425	245	425
22L3900	214.5	517	297.5	517

Dimension (b) based on bottom gap (= **0**)

Dimension (Y) based on top gap (= **0**)

KH = Cabinet height

Space requirement – cornice | crown molding

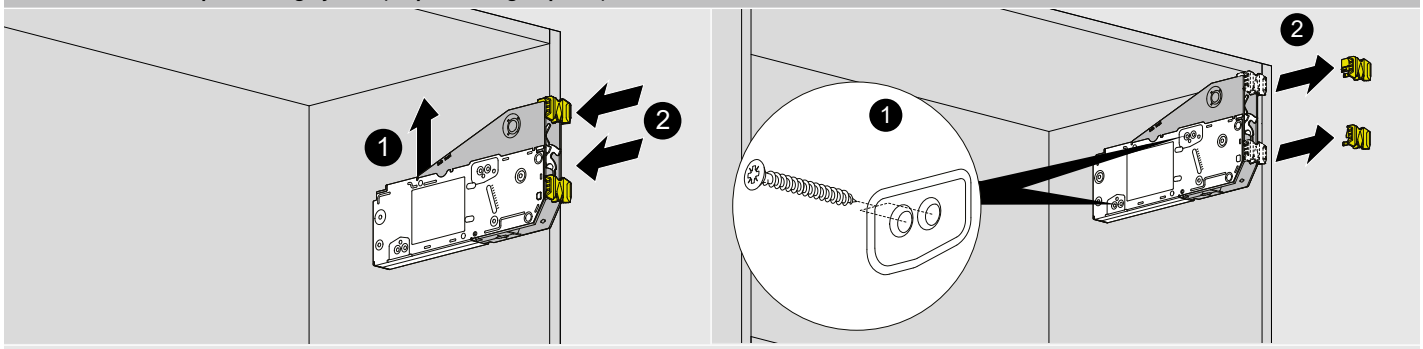


Top panel thickness (SOB)	X
16	25
17	26
18	27
19	28
20	29

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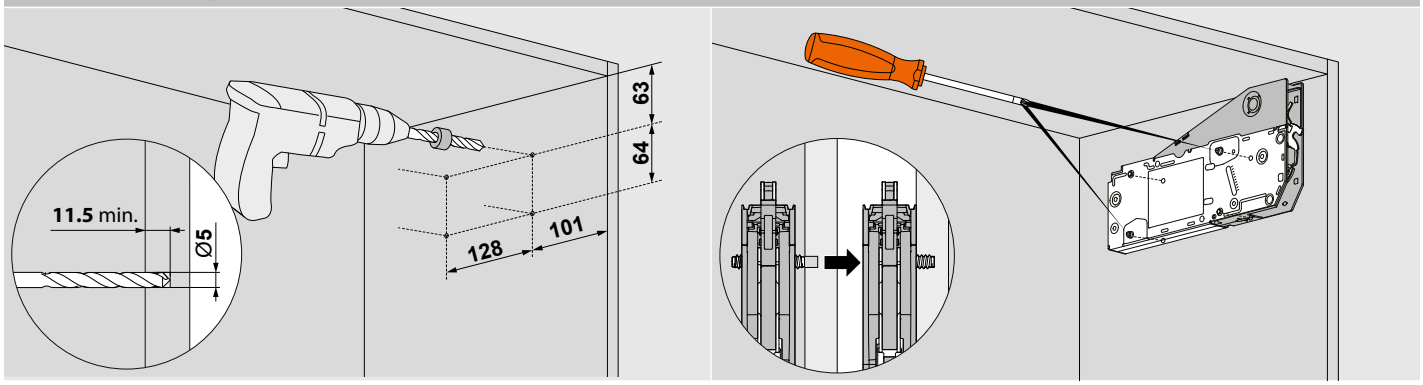
Planning

Lift installation with positioning system (no pre-drilling required)



4 x wood screws Ø**4** x **35**

Lift installation with system screws

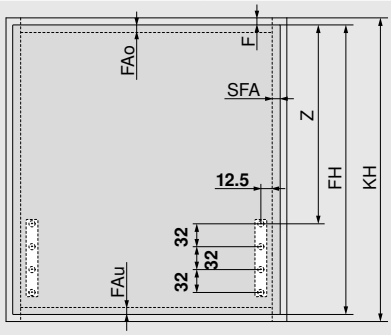


Face frame application

See page 64 for information on face frame mounting brackets.

Door assembly

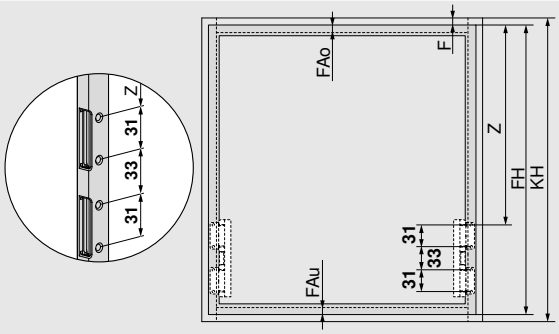
Wooden doors and wide aluminum frames



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

FAo = Upper door overlay
FH = Door height
FAu = Bottom door overlay
KH = Cabinet height
F = Gap
SFA = Side door overlay

Narrow aluminum frames



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

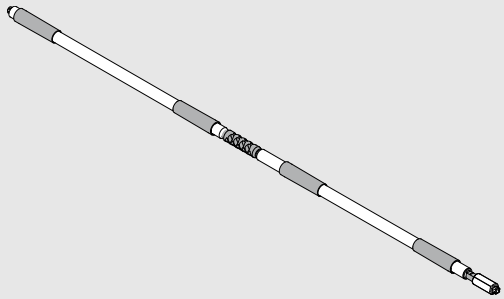
FAo = Upper door overlay
FAu = Bottom door overlay
F = Gap

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Extra wide applications

Cross stabilizer for Inside cabinet width (LW) of 1190 or a Cabinet width (KB) of 1228

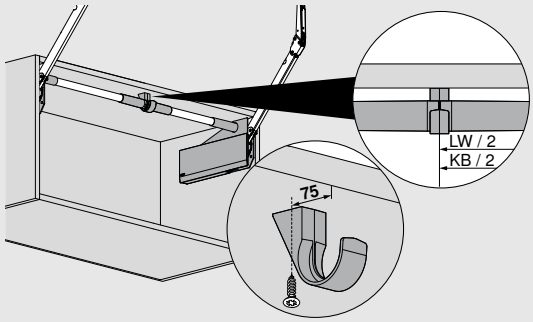
Cross stabilizer



LW/2 - **105**

LW = Inside cabinet width

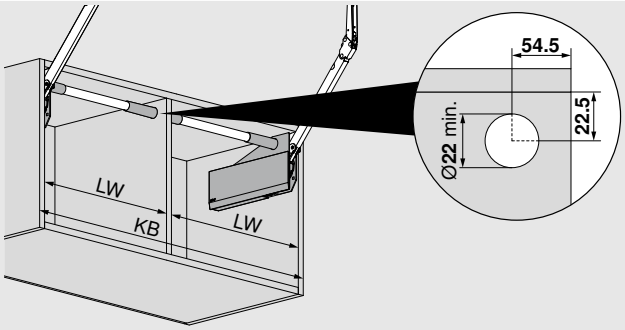
Cross stabilizer fixing



KB = Cabinet width

LW = Inside cabinet width

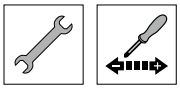
Version with dividing wall



KB = Cabinet width

LW = Inside cabinet width

Installation and adjustment instructions



Use QR code or link below for AVENTOS HL top installation and adjustment instructions

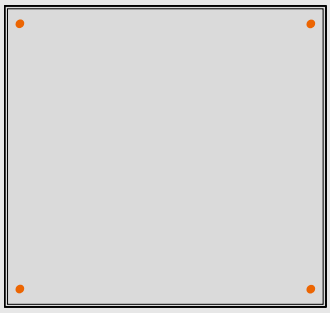
www.blum.com/hltopassembly

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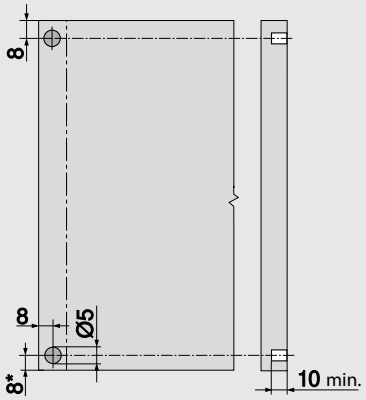
Planning

SERVO-DRIVE for AVENTOS HL top

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)



NOTE: The distance bumper should not touch the SERVO-DRIVE switch

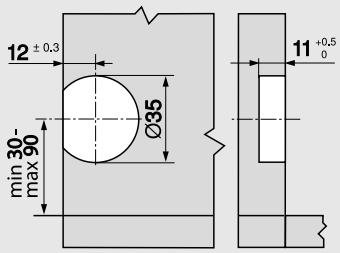
Recommendation for aluminum frames

Consider drilling the Blum distance bumper in the cabinet side

A trial application must be carried out when fixing to the door

*From cabinet bottom edge for doors that protrude below

SERVO-DRIVE switch



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AVENTOS HK top

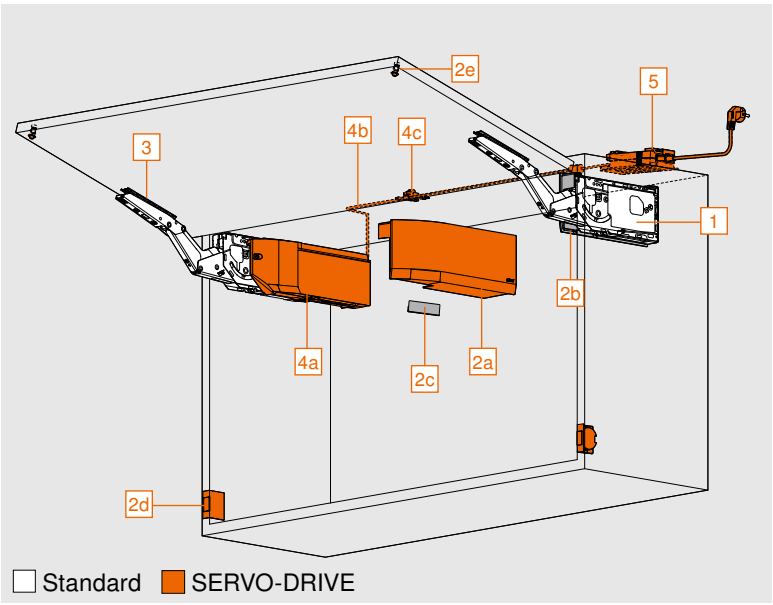
Stay lift door



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Ordering information

Standard and SERVO-DRIVE



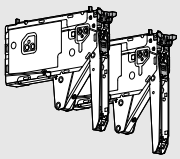
- Ideal for small applications in wall cabinets, tall cabinets and over the refrigerator
- Cabinet height **205** (8") to **610** (24")
- Cabinet width up to **1828** (72")
- Soft and effortless closing thanks to BLUMOTION
- Light operating forces
- Harmonious quality of motion with a variable stop
- Tool-free assembly
- 3-dimensional door adjustment
- Simple, infinitely variable adjustment of the lift mechanism
- No hinges required
- Integrated safety mechanism
- Integrated infinitely variable opening angle stop

Note
Power factor = cabinet height [inch] x door weight including double handle weight [lb]
We recommend the more powerful lift mechanism for applications in overlapping ranges. A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.
The power factor can be increased by 50% if you use a third lift mechanism. We recommend a third lift mechanism for wide cabinets. This will prevent the door from sagging when open.

Lift mechanism set ☐■

Fixing with wood screws and positioning system

1



Set includes:
- Symmetrical lift mechanism with positioning system (qty 2)
- Wood screws Ø**4** x **35** (qty 8)

*infinitely variable adjustment

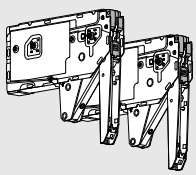
Specify finish when ordering:
Nickel (NI) Eclipse black (ECS)

Power factor	Opening angle*	Part no.
36–139	107°	**22K2300**
80–240	107°	**22K2500**
150–450	107°	**22K2700**
270–781	107°	**22K2900**

Lift mechanism set ☐■

Fixing with pre-attached system screws

1



Set includes:
- Symmetrical lift mechanism with pre-attached system screws (qty 2)

*infinitely variable adjustment

Specify finish when ordering:
Nickel (NI) Eclipse black (ECS)

Power factor	Opening angle*	Part no.
36–139	107°	**22K2310**
80–240	107°	**22K2510**
150–450	107°	**22K2710**
270–781	107°	**22K2910**

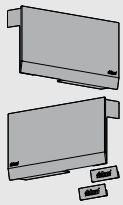
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Ordering information

Standard and SERVO-DRIVE

Cover cap set

2



Set includes:

- Cover cap left
2b Cover cap right
2c Stainless steel branding element – Blum logo (qty 2)

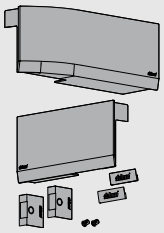
Specify color when ordering:

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	Part no.
Cover cap set	22K8000

Cover cap set for SERVO-DRIVE

2



Set includes:

2a SERVO-DRIVE cover cap left (qty 1)
2b Cover cap right (qty 1)
2c Branding element, embossed with Blum logo (qty 2)
2d SERVO-DRIVE switch (qty 2)
2e Blum distance bumper Ø**5** (qty 2)

Specify color when ordering:

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	Part no.
Cover cap set for SERVO-DRIVE	23K8000

Branding element (optional)

2c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

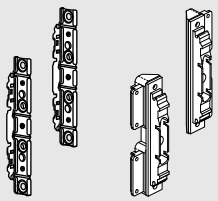
Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Door hardware set

3



- Use 4 wood screws (606N or 606P) per side for wooden doors.
- Use 4 (included) countersunk self-tapping screws (660.0950) per side for narrow aluminum frames.

Specify finish when ordering 20S4200 or 20S4200A:

- Nickel (NI)
- Onyx black (ONS)

	Part no.
Wooden doors and wide aluminum frames	20S4200
Narrow aluminum frames	20S4200A
Large overlay 5-piece doors	20S4F01

EXPANDO T door mounting plate



- EXPANDO T suitable for thin fronts – see page 65
- Thin fronts (qty 2)

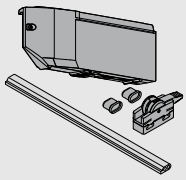
	Part no.
EXPANDO T door mounting plate	20S42T1

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Ordering information

SERVO-DRIVE set

4



Set includes:

- 4a SERVO-DRIVE drive unit (qty 1)
- 4b SERVO-DRIVE distribution cable, **1500** (qty 1)
- 4c Connecting node (qty 1)
- - Cable end protector (qty 2)

NOTE: For three lift mechanisms or more, we recommend two synchronized drive units

Dust gray (R7037)

	Part no.
SERVO-DRIVE set	**23KA000**

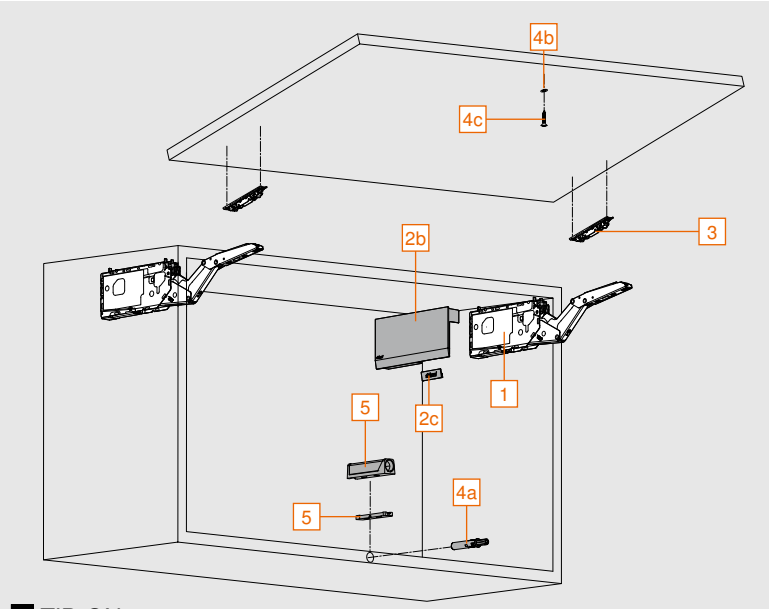
SERVO-DRIVE power supply unit and accessories

5 See page 70 for complete ordering information

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Ordering information

TIP-ON



■ TIP-ON

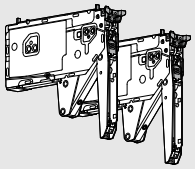
- TIP-ON for handleless stay lifts
- Cabinet height **205** (8") to **610** (24")
- Cabinet width up to **1828** (72")
- For drilling or in combination with adapter plates

Note
Power factor = cabinet height [inch] x door weight including double handle weight [lb]
We recommend the more powerful lift mechanism for applications in overlapping ranges. A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.
The power factor can be increased by 50% if you use a third lift mechanism. We recommend a third lift mechanism for wide cabinets. This will prevent the door from sagging when open.

Lift mechanism set for TIP-ON ■

Fixing with wood screws and positioning system

1



Set includes:
- Symmetrical lift mechanism with positioning system (qty 2)
- Wood screws Ø**4** x **35** (qty 8)

*infinitely variable adjustment

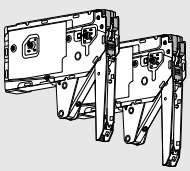
Specify finish when ordering:
Nickel (NI) ■ Eclipse black (ECS)

Power factor	Opening angle*	Part no.
36–139	107°	**22K2300T**
80–240	107°	**22K2500T**
150–450	100°	**22K2700T**
270–781	100°	**22K2900T**

Lift mechanism set for TIP-ON ■

Fixing with pre-attached system screws

1



Set includes:
- Symmetrical lift mechanism with pre-attached system screws (qty 2)

*infinitely variable adjustment

Specify finish when ordering:
Nickel (NI) ■ Eclipse black (ECS)

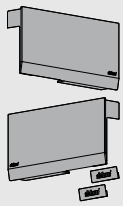
Power factor	Opening angle*	Part no.
36–139	107°	**22K2310T**
80–240	107°	**22K2510T**
150–450	100°	**22K2710T**
270–781	100°	**22K2910T**

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Ordering information

Cover cap set

2



Set includes:

- Cover cap left
2b Cover cap right
2c Stainless steel branding element – Blum logo (qty 2)

Specify color when ordering:

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	Part no.
Cover cap set	22K8000

Branding element (optional)

2c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

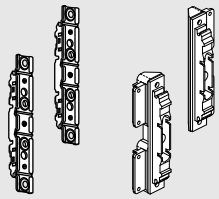
Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Door hardware set

3



- Use 4 wood screws (606N or 606P) per side for wooden doors.
- Use 4 (included) countersunk self-tapping screws (660.0950) per side for narrow aluminum frames.

Specify finish when ordering 20S4200 or 20S4200A:

- Nickel (NI)
- Onyx black (ONS)

	Part no.
Wooden doors and wide aluminum frames	20S4200
Narrow aluminum frames	20S4200A
Large overlay 5-piece doors	20S4F01

EXPANDO T door mounting plate



- EXPANDO T suitable for thin fronts – see page 65
- Thin fronts (qty 2)

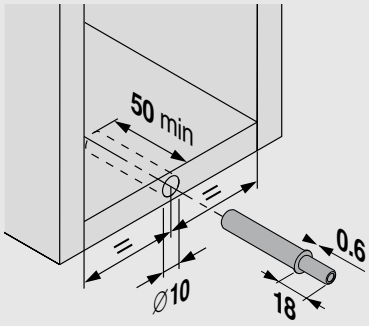
	Part no.
EXPANDO T door mounting plate	20S42T1

TIP-ON set

4



- Carbon black (CS)
- Silk white (SW)
- Platinum gray (R7036)



- Nylon gray unit with magnet tip
- Adjustment range +**4** to -**1**
- Works for overlay and inset applications
- Can be bored into the panel or used with an adapter plate

Set includes:

4a TIP-ON (qty 1)
4b Screw-on catch plate (qty 1)
4c Wood screw 609.1500 (qty 1)
- Glue-on catch plate (qty 1)

NOTE: Due to various door weights and sizes, trial application recommended

	Part no.
Standard door set	956.1004

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Ordering information

Accessories

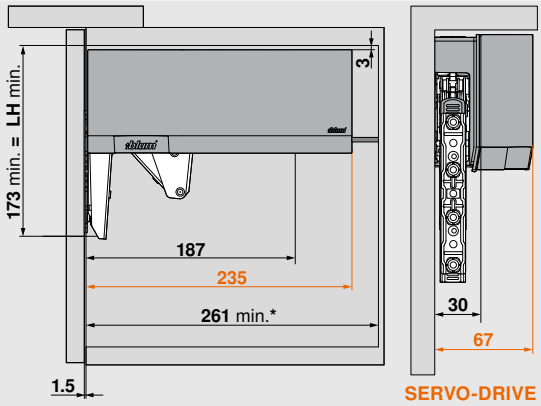
Adapter plate ■			
5 	Straight adapter plate – short version	Specify color when ordering: ■ Carbon black (CS) ■ Platinum gray (R7036) □ Silk white (SW) ■ Nickel lacquered (NI-L)	Part no.
		Straight adapter plate	**956.1201**

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Planning

Standard, SERVO-DRIVE and TIP-ON

Space requirement

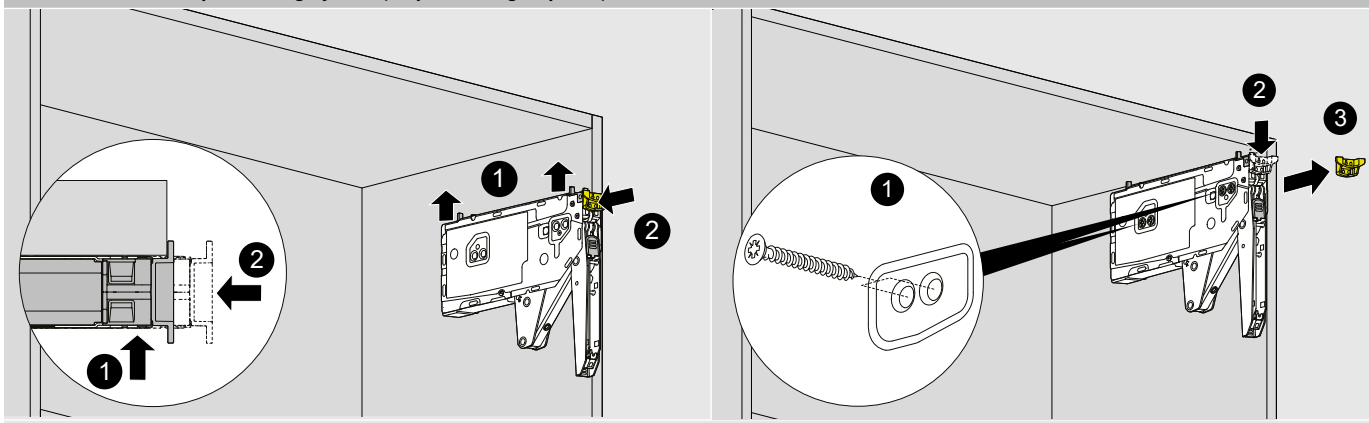


*261 minimum with visible wall hanging bracket

NOTE: Maximum cabinet height of 610 (24")

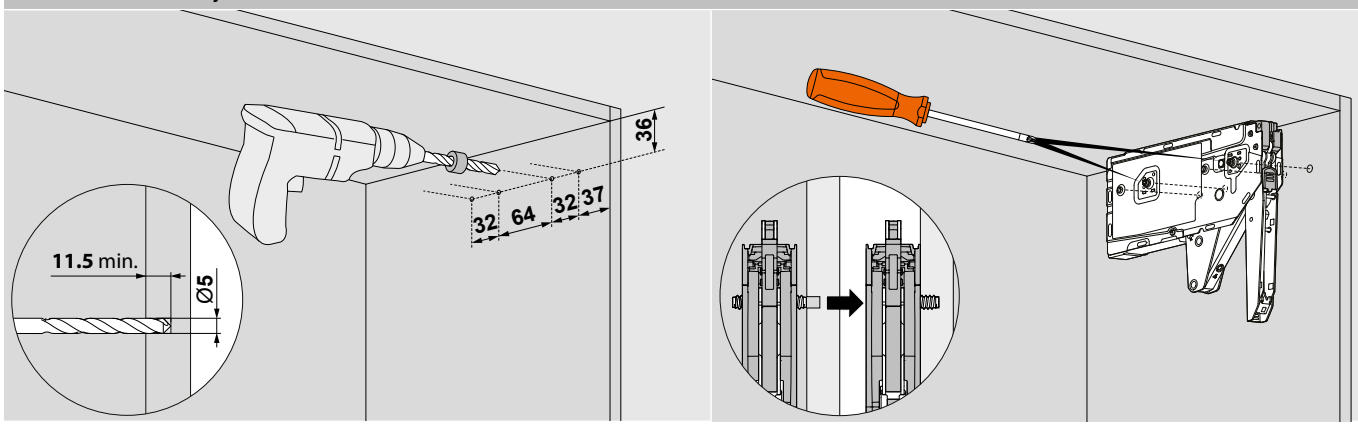
LH = Inside cabinet height

Lift installation with positioning system (no pre-drilling required)



4 x wood screws Ø4 x 35

Lift installation with system screws



Face frame application

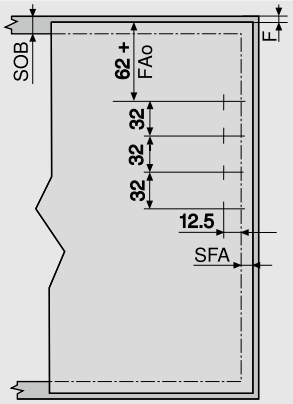
See page 64 for information on face frame mounting brackets.

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Planning

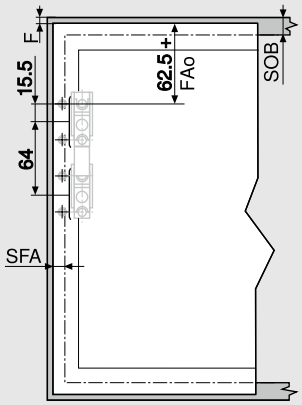
Standard, SERVO-DRIVE and TIP-ON – Door assembly

Wooden doors and wide aluminum frames



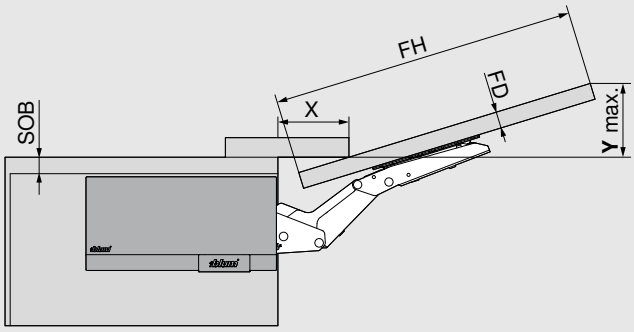
FAo = **25.4** maximum
SFA = Side door overlay
FAo = Upper door overlay
F = Gap
SOB = Top panel thickness

Narrow aluminum frames



FAo = **25.4** maximum
SFA = Side door overlay
FAo = Upper door overlay
F = Gap
SOB = Top panel thickness

Space requirement – cornice | crown molding



Space requirement

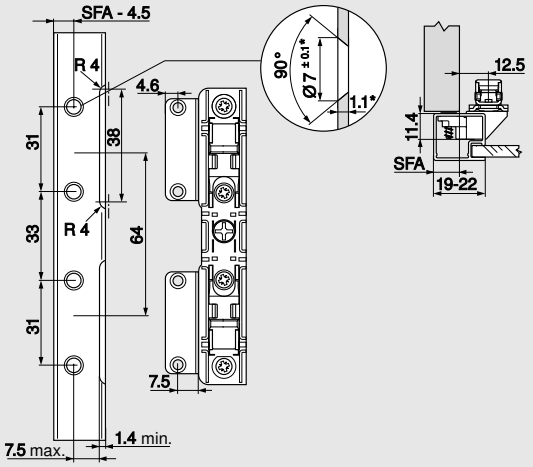
At maximum opening angle

Y = FH x **0.29** + FD - SOB

FD	16	19	22	26	28
X	68	57	47	33	27

SOB = Top panel thickness
FH = Door height
FD = Door thickness

Narrow aluminum frames

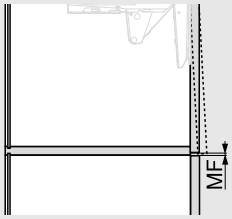


For frame width **19**, an SFA of **11**–**18** is possible.

*When changing material thickness, adjust the assembly dimensions accordingly

SFA = Side door overlay

Minimum gap



Minimum gap (MF) is **2**

Further planning information for TIP-ON – see page 60

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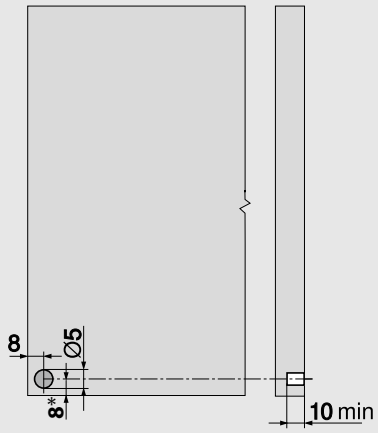
Planning

SERVO-DRIVE for AVENTOS HK top

Blum distance bumper (SERVO-DRIVE application only)



Insert Blum distance bumper (do not glue)
Do not insert bumper in upper third



NOTE: The distance bumper should not touch the SERVO-DRIVE switch

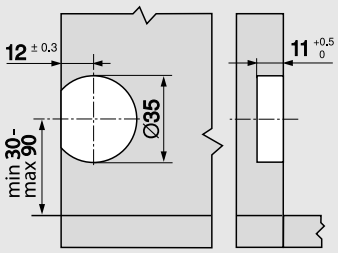
Recommendation for aluminum frames

Consider drilling the Blum distance bumper in the cabinet side

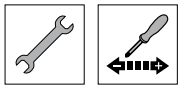
A trial application must be carried out when fixing to the door

*From cabinet bottom edge for doors that protrude below

SERVO-DRIVE switch



Installation and adjustment instructions



Use QR code or link below for AVENTOS HK top installation and adjustment instructions

www.blum.com/hktopassembly

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AVENTOS HK-S

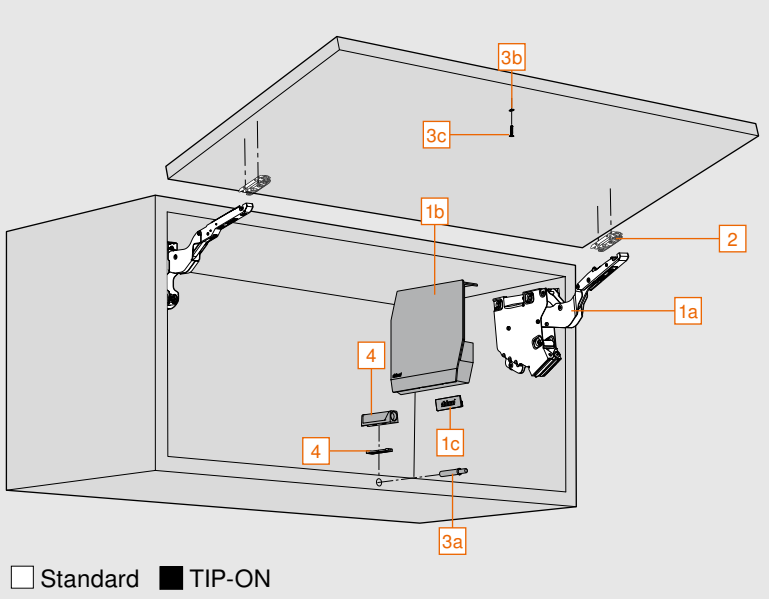
Stay lift for the smallest of cabinets



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Ordering information

Standard and TIP-ON

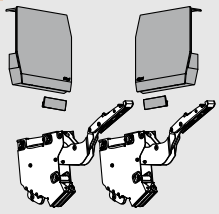


- Ideal for small applications in wall cabinets, tall cabinets and over the refrigerator
- Cabinet height maximum of **610** (24")
- Soft and effortless closing thanks to BLUMOTION
- Light operating forces
- Harmonious quality of motion with a variable stop
- Tool-free assembly
- 3-dimensional door adjustment
- Simple, infinitely variable adjustment of the lift mechanism
- No hinges required
- TIP-ON for handleless stay lifts

Note
Power factor = cabinet height [inch] x door weight including double handle weight [lb]
We recommend the more powerful lift mechanism for applications in overlapping ranges. A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.
The power factor can be increased by 50% if you use a third lift mechanism.

Lift mechanism set ☐

1



Set includes:

- 1a Symmetrical lift mechanism (qty 2)
- 1b Cover cap left/right (qty 2)
- 1c Branding element, embossed with Blum logo (qty 2)
- \- Wood screw Ø**4** x **35** (qty 6)

Specify color when ordering:

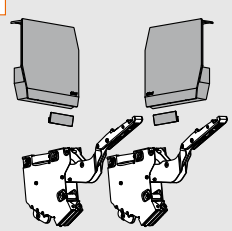
Light gray (HGR) Silk white (SW) Dark gray (TGR)

Power factor	Opening angle	Part no.
19–44	107°	20K2B00.06
35–88	107°	20K2C00.06
84–195	107°	20K2E00.06

NOTE: 20K2B00.N1 unit contains 1x 20K2A00.N1 (unsprung – no tension adjustment) and 1x 20K2C00.N1

Lift mechanism set for TIP-ON ■

1



Set includes:

- 1a Symmetrical lift mechanism (qty 2)
- 1b Cover cap left/right (qty 2)
- 1c Branding element, embossed with Blum logo (qty 2)
- \- Wood screw Ø**4** x **35** (qty 6)

Specify color when ordering:

Light gray (HGR) Silk white (SW) Dark gray (TGR)

Power factor	Opening angle	Part no.
19–44	107°	20K2B00T06
35–88	107°	20K2C00T06
84–195	107°	20K2E00T06

NOTE: 20K2B00.N1 unit contains 1x 20K2A00.N1 (unsprung – no tension adjustment) and 1x 20K2C00.N1

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Ordering information

Standard and TIP-ON

Branding element (optional) ☐■

1c



Specify color when ordering dark gray (TGR) or silk white matte (SW-M)

- Dark gray (TGR)
- Silk white (SW)
- Light gray (HGR)

	SW-M, TGR	IN-G
Printed* (qty 2)	ABD.1000.BL	ABD.1009.BL
Embossed* (qty 2)	ABD.1000.BT	ABD.1009.BT
Plain (qty 2)	ABD.1000	ABD.1009

*Branding element is printed or embossed with Blum logo

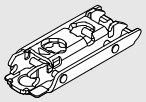
Customized branding element

Printed: 1000 pc minimum

Embossed: 5000 pc minimum

Door mounting plate ☐■

2



- Wooden doors and wide aluminum frames (qty 2)
- All horizontal steel mounting plates with **0** spacing possible

*Use 2 wood screws (606N or 606P) per side for wooden doors.
Use 2 countersunk self-tapping screws (660.0950) per side for wide aluminum frames.

Fixing method	Spacing	Part no.
Screw-on*	**0**	175H3100
EXPANDO	**0**	177H3100E
Knock-in	**0**	177H3100

Door mounting plate set ☐■

2

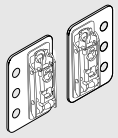


Set includes:
- Left and right mounting plates
- Attachment screws

For use with narrow aluminum doors

	Part no.
Door mounting plate set	20K4A00A02

Mounting plate with bracket set ☐■



Set includes:
- Right and left mounting plate with bracket

For use with large overlay five-piece doors

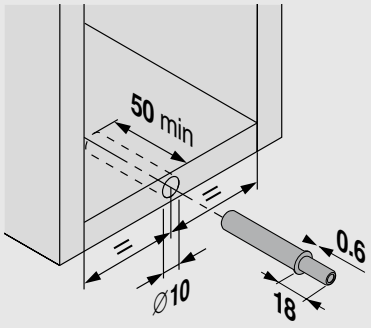
	Part no.
Mounting plate with bracket set	175H3F00

TIP-ON set ■

3



- Carbon black (CS)
- Silk white (SW)
- Platinum gray (R7036)



- Nylon gray unit with magnet tip
- Adjustment range +**4** to -**1**
- Works for overlay and inset applications
- Can be bored into the panel or used with an adapter plate

Set includes:

3a TIP-ON (qty 1)
3b Screw-on catch plate (qty 1)
3c Wood screw 609.1500 (qty 1)
- Glue-on catch plate (qty 1)

NOTE: Due to various door weights and sizes, trial application recommended

	Part no.
Standard door set	956.1004

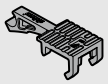
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Ordering information

Adapter plate ■

4 	Straight adapter plate – short version	Specify color when ordering: ■ Carbon black (CS) ■ Platinum gray (R7036) □ Silk white (SW) ■ Nickel lacquered (NI-L)	Part no.
		Straight adapter plate	956.1201

Opening angle stop □■



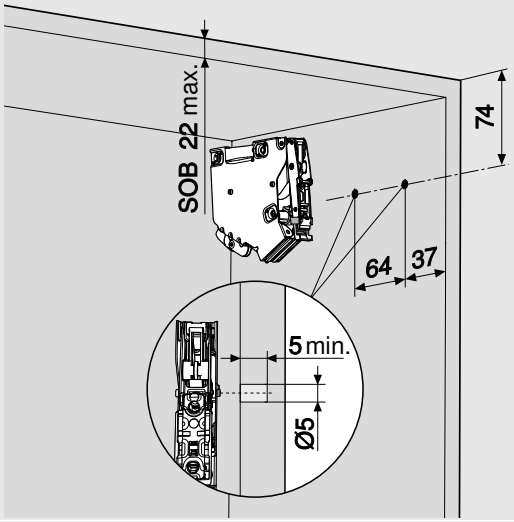
Opening angle	Color	Part no.
100°	Dark gray (TGR)	20K7A41
75°	Dust gray (R7037)	20K7A11

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Planning

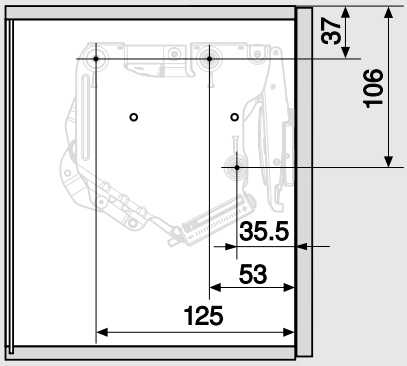
Standard and TIP-ON

Locating pin drilling



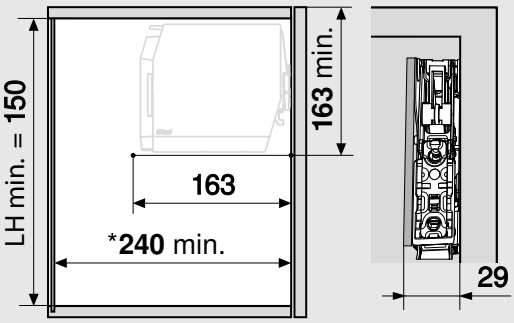
SOB = Top panel thickness

Fixing position



3 x wood screws Ø**4** x **35**

Space requirement



***240** minimum with visible wall hanging bracket

NOTE: Maximum cabinet height of **610** (24")

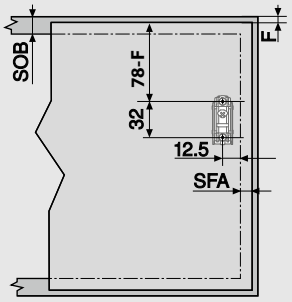
LH = Inside cabinet height

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Planning

Standard and TIP-ON – Door assembly

Wooden doors and wide aluminum frames

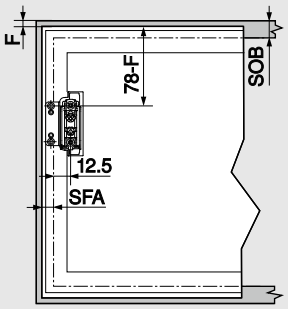


SOB = Top panel thickness

SFA = Side door overlay

F = Gap

Narrow aluminum frames

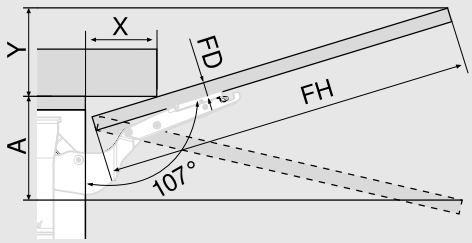


SOB = Top panel thickness

SFA = Side door overlay

F = Gap

Space requirement – cornice | crown molding

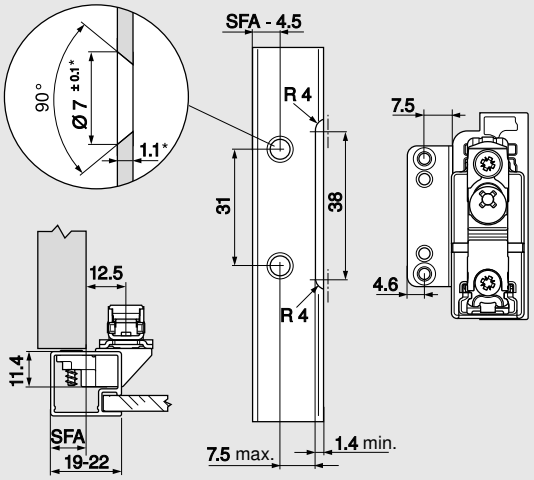


Opening angle stop			Space requirement		
Unsprung			Y = FH x **0.29** - **15** + FD		
100°			Y = FH x **0.17** - **15** + FD		
75°			A = FH x **0.26** + **15** - FD		
FD	**16**	**19**	**22**	**26**	-
X	**70**	**59**	**49**	**35**	-

FD = Door thickness

FH = Door height

Narrow aluminum frames

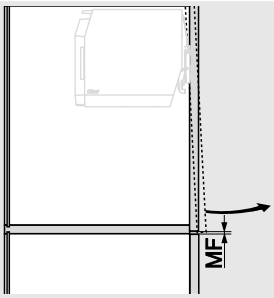


For frame width **19**, an SFA of **11**–**18** is possible.

*When changing material thickness, adjust the assembly dimensions accordingly

SFA = Side door overlay

Minimum gap

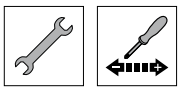


Minimum gap (MF) is **2**

Further planning information for TIP-ON – see page 60

Installation and adjustment instructions





Use QR code or link below for AVENTOS HK-S installation and adjustment instructions

www.blum.com/aventos-hks-assembly

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AVENTOS HK-XS

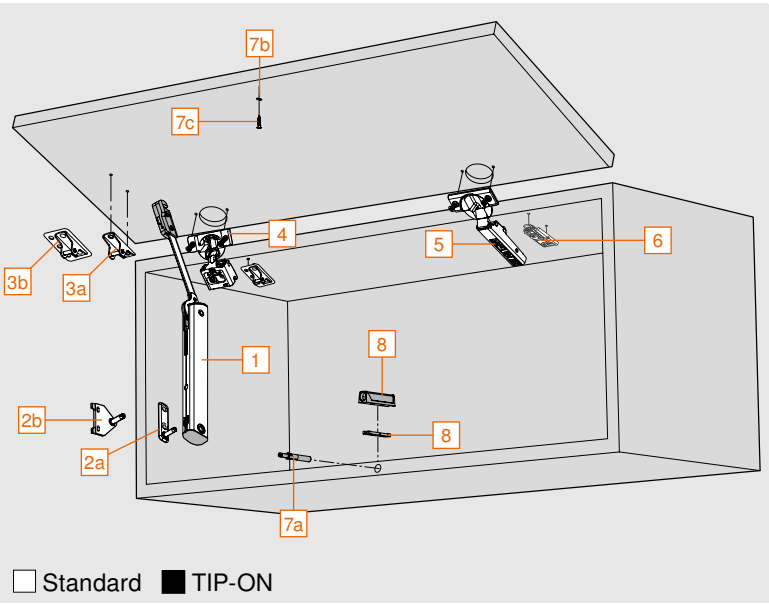
Smaller, cost-effective lift system



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Ordering information

Standard and TIP-ON



- Ideal for small applications in wall cabinets, tall cabinets and over the refrigerator
- Cabinet height **238** (9-3/8") to **610** (24")
- Inside cabinet depth minimum of **125** (4-7/8")
- An inside cabinet depth of **100** (3-7/8") or more is possible if you use a special drilling position
- Closes softly and effortlessly in conjunction with CLIP top BLUMOTION hinges
- TIP-ON for handleless stay lifts with CLIP top free swing hinges
- Light operating forces
- Harmonious quality of motion with a variable stop
- Simple, infinitely variable adjustment of the lift mechanism

Note
Power factor = cabinet height [inch] x door weight including double handle weight [lb]
We recommend the more powerful lift mechanism for applications in overlapping ranges. A trial application is recommended when you are in a borderline area of the individual lift mechanism's power factor range.

Lift mechanism

1



*For hinges with smaller opening angles, the opening angle will depend on the hinge used

Power factor range	Opening angle	Part no.
18–88	105°*	20K1101
44–132	105°*	20K1301
70–158	105°*	20K1501

NOTE: Double power factor when using two lift mechanisms

Lift mechanism for TIP-ON ■

1



*For hinges with smaller opening angles, the opening angle will depend on the hinge used

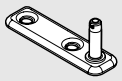
Power factor range	Opening angle	Part no.
16–70	105°*	20K1101T
44–106	105°*	20K1301T
70–141	105°*	20K1501T

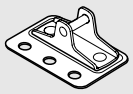
NOTE: Double power factor when using two lift mechanisms

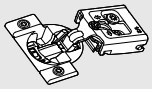
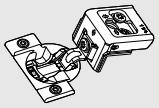
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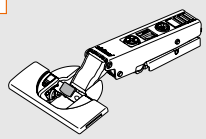
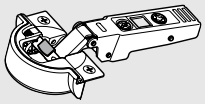
Ordering information

Standard and TIP-ON

Cabinet mounting plate		
2a 	**Frameless**	Part no.
	Screw-on	**20K5101**
	EXPANDO	**20K51E1**
2b 	**Face frame**	Part no.
	Screw-on	**20K5501**

Door mounting plate		
3a 	**Wooden doors and wide aluminum frames**	Part no.
	Screw-on	**20K4101**
	EXPANDO	**20K41E1**
	Narrow aluminum frames	Part no.
	Screw-on	**20K4101A**
3b 	**NOTE:** For use with large overlay five-piece doors	Part no.
	Screw-on	**20K4501**

COMPACT CLIP hinge		
4  	**NOTE:** For more overlay options and application information, see Concealed Hinges brochure	
	COMPACT CLIP 31C3	Part no.
	32 (1-1/4") Overlay, Press-in	**31C358B.20**
	COMPACT CLIP 30C2	Part no.
	13 (1/2") Overlay, Press-in	**30C258B.08**

Hinge recommendations		
5 	3 hinges starting at cabinet width **900** and/or power factor 158 4 hinges with cabinet width **1200** and/or starting at power factor 238	
	CLIP top BLUMOTION 110° hinge, self close	Part no.
	INSERTA	**71B3590**
	Screw-on	**71B3550**
Narrow aluminum		
	**CLIP top BLUMOTION 95°, self close**	Part no.
	Screw-on	**71B950A**

Alternative hinges

- CLIP top BLUMOTION hinges: 107°, profile/thick door
- CLIP top hinges: 107°, profile/thick door, 95° aluminum frame door hinge in combination with BLUMOTION 973A – for clip on and/or CLIP hinges: 100°

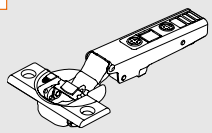
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Ordering information

Standard and TIP-ON

Hinge recommendations ■

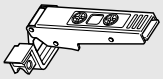
5



3 hinges starting at cabinet width **900** and/or power factor 158
4 hinges with cabinet width **1200** and/or starting at power factor 238

CLIP top 110° hinge, free swing	Part no.
INSERTA	**70T3590.TL**
Screw-on	**70T3550.TL**

Narrow aluminum



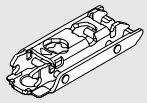
CLIP top 120°, free swing	Part no.
Screw-on	**72T550A.TL**

Alternative hinges, free swing

- CLIP top hinges: 107°, profile/thick door, 95° aluminum frame door hinge
- CLIP 100°

Hinge mounting plate □■

6



- Wooden doors and wide aluminum frames (qty 2)
- All horizontal steel mounting plates with **0** spacing possible

Use 2 wood screws (606N or 606P) per side for wooden doors.
Use 2 countersunk self-tapping screws (660.0950) per side for wide aluminum frames.

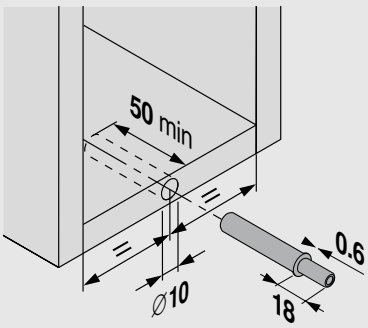
Fixing method	**Spacing**	Part no.
Screw-on*	**0**	**175H3100**
EXPANDO	**0**	**177H3100E**
Knock-in	**0**	**177H3100**

TIP-ON set ■

7



■ Carbon black (CS)
□ Silk white (SW)
▒ Platinum gray (R7036)



- Nylon gray unit with magnet tip
- Adjustment range +**4** to -**1**
- Works for overlay and inset applications
- Can be bored into the panel or used with an adapter plate

Set includes:

7a	TIP-ON (qty 1)
7b	Screw-on catch plate (qty 1)
7c	Wood screw 609.1500 (qty 1)
-	Glue-on catch plate (qty 1)

NOTE: Due to various door weights and sizes, trial application recommended	Part no.
Standard door set	**956.1004**

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Ordering information

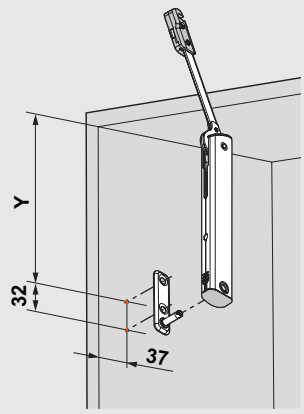
Adapter plate			
8 	Straight adapter plate – short version	Specify color when ordering: Carbon black (CS) Platinum gray (R7036) Silk white (SW) Nickel lacquered (NI-L)	Part no.
		Straight adapter plate	956.1201

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Planning

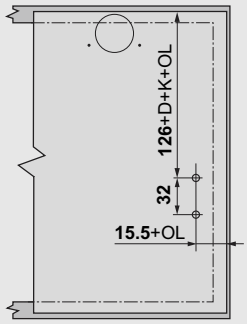
CLIP top frameless application

Lift mechanism



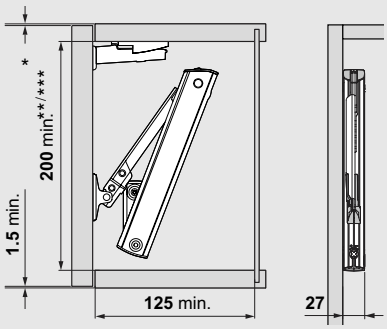
Y = **137** + D + K

Door mounting plate



Attach using #6 x 5/8" (606N/P) wood screw

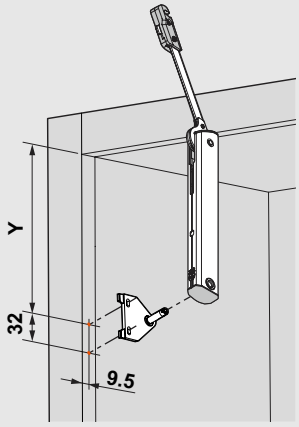
Space requirements



*Minimum top reveal based on hinge used. Please see minimum reveal specs in Concealed Hinges brochure

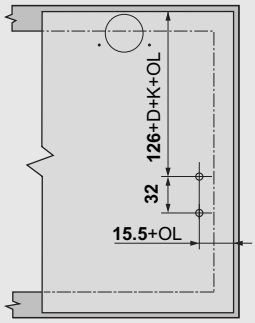
CLIP top face frame application

Lift mechanism



Y = **169** + D + K

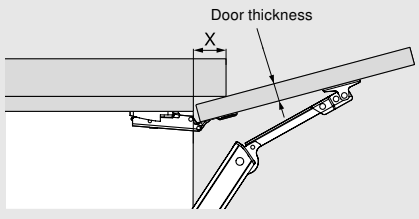
Door mounting plate



When using large overlay mounting plate **(20K4501)** hole location is offset by **19** (**15.5** + OL - **19**)

Attach using #6 x 5/8" (606N/P) wood screw

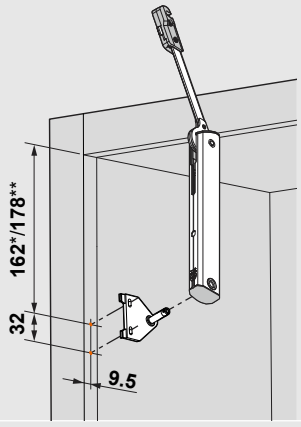
Cornice and crown molding clearance



Door thickness	16	19	22	24
X	45	34	23	15

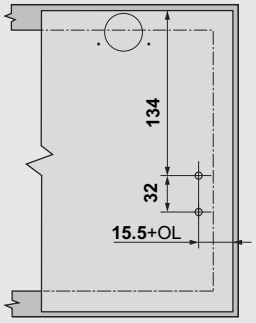
COMPACT face frame application

Lift mechanism



*Location when using COMPACT 31C3
**Location when using COMPACT 30C2

Door mounting plate



When using large overlay mounting plate **(20K4501)** hole location is offset by 19 (**15.5** + OL - 19)

Attach using #6 x 5/8" (606N/P) wood screw

K = Hinge arm crank		
Straight arm crank	=	**0**
Half-cranked arm	=	**9.5**
Full-cranked arm	=	**18**

Abbreviations		
D	=	Mounting plate height
K	=	Hinge arm crank
OL	=	Overlay

Minimal internal height: **216 for 110° with **20K5501**

***Minimal internal height: **225** for COMPACT with **20K5501**

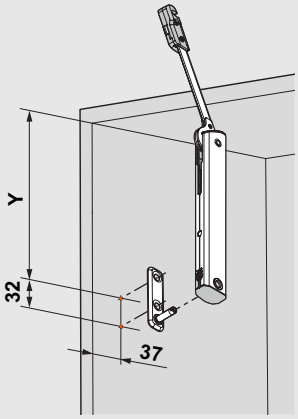
NOTE: Designed to be used in a lift-up application only

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Planning

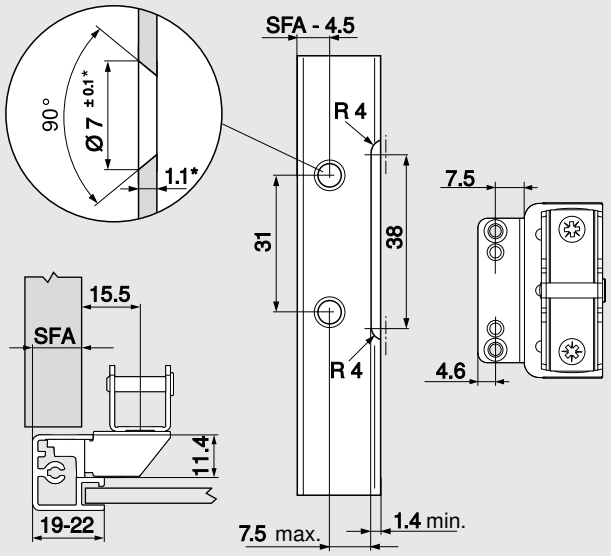
Narrow aluminum frameless applications

Lift mechanism



Y = **137** + D + K

Arm assembly mounting plate

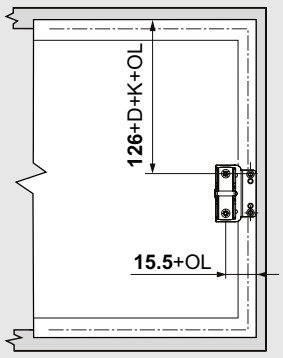


For frame width **19**, an SFA of **11**–**18** is possible.

*When changing material thickness, adjust the assembly dimensions accordingly

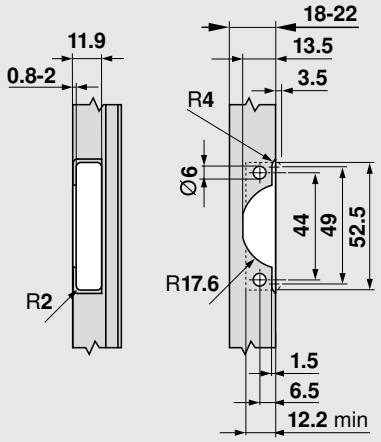
SFA = Side door overlay

Door mounting plate



Attach using #6 x **11** (699.110) aluminum screw

Hinge boring pattern

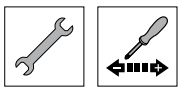


K = Hinge arm crank		
Straight arm crank	=	**0**
Half-cranked arm	=	**9.5**
Full-cranked arm	=	**18**

Abbreviations		
D	=	Mounting plate height
K	=	Hinge arm crank
OL	=	Overlay

Installation and adjustment instructions





Use QR code or link below for AVENTOS HK-XS installation and adjustment instructions

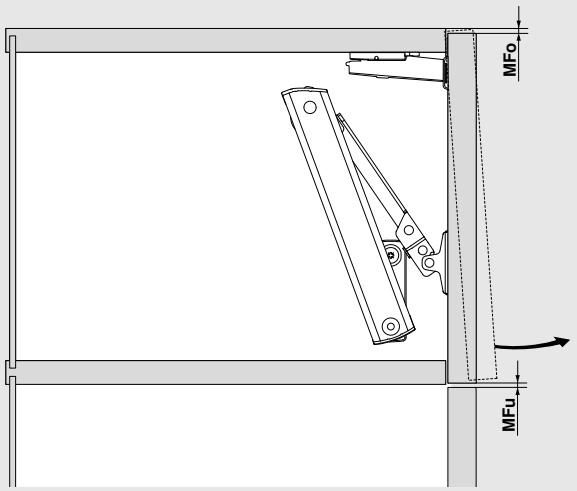
www.blum.com/aventos-hkxs-assembly

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Planning

Standard and TIP-ON

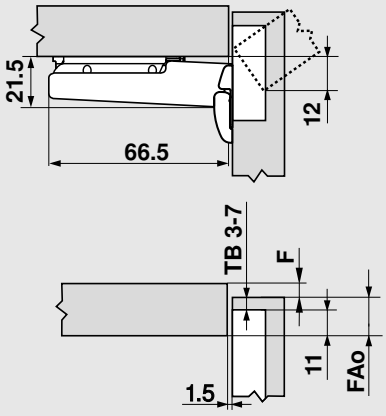
Minimum gap



MFo = Minimum gap at the top depending on the hinge used

MFu = Minimum gap at the bottom **1.5**

Overlay application



FA = Door overlay TB = Drilling distance F = Gap

Drilling distance (TB)

MD	Door overlay (FA)													
	5	6	7	8	9	10	11	12	13	14	15	16	17	18
0										3	4	5	6	7
3							3	4	5	6	7			
6				3	4	5	6	7						
9	3	4	5	6	7									

MD = Mounting plate spacing

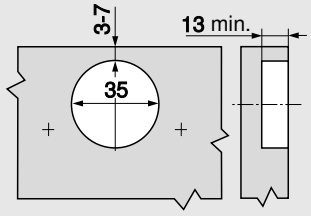
See Concealed hinge brochure for COMPACT CLIP specs

Minimum gap (F) for doors with a door edge radius (R = 1) based on the factory setting

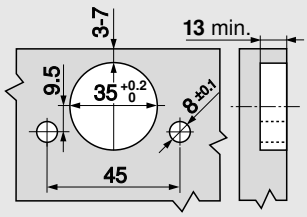


Drilling distance (TB)	Door thickness (FD)											
	16	18	19	20	21	22	23	24	25	26	28	30
3	0.5	0.8	1.0	1.2	1.5	1.8	2.2	2.7	3.5	4.3	–	–
4	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.5	3.1	3.8	–	–
5	0.5	0.8	0.9	1.2	1.4	1.7	2.0	2.4	2.9	3.4	–	–
6	0.5	0.8	0.9	1.2	1.3	1.6	1.9	2.3	2.7	3.2	–	–
7	0.5	0.8	0.9	1.1	1.3	1.6	1.9	2.2	2.6	3.0	–	–
A trial application is recommended	For +2 height adjustment, add:											
	+0.2	+0.4	+0.4	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5	+0.5	–	–

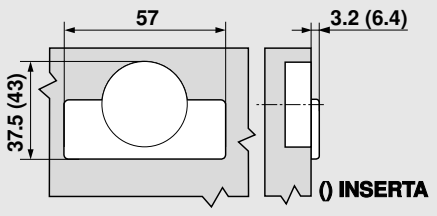
Screw-on assembly



INSERTA | knock-in assembly



Hinge cup dimensions



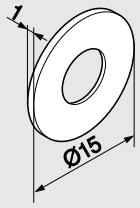
Further planning information for TIP-ON – see page 60

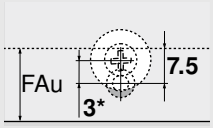
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Planning

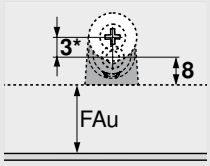
TIP-ON

Screw-on catch plate planning

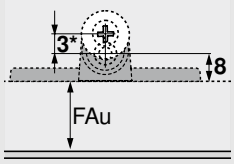




For drilling



Straight adapter plate

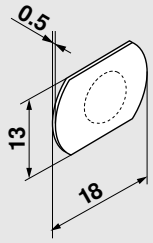


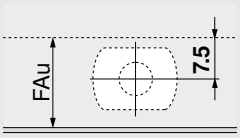
Cruciform adapter plate

*For the screw-on catch plate we recommend positioning the catch plate **3** away from TIP-ON.

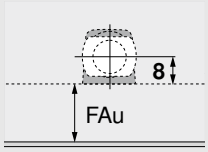
FAu = Bottom door overlay

Glue-on catch plate planning

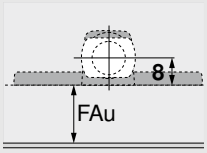




For drilling



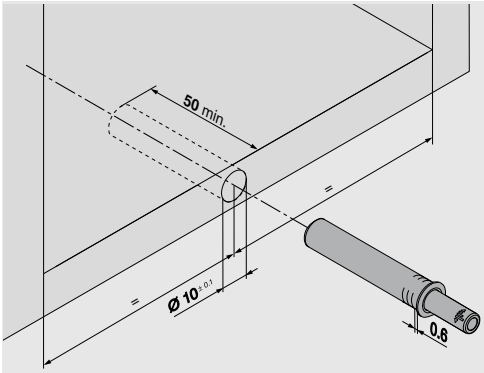
Straight adapter plate



Cruciform adapter plate

FAu = Bottom door overlay

TIP-ON for drilling fixing position



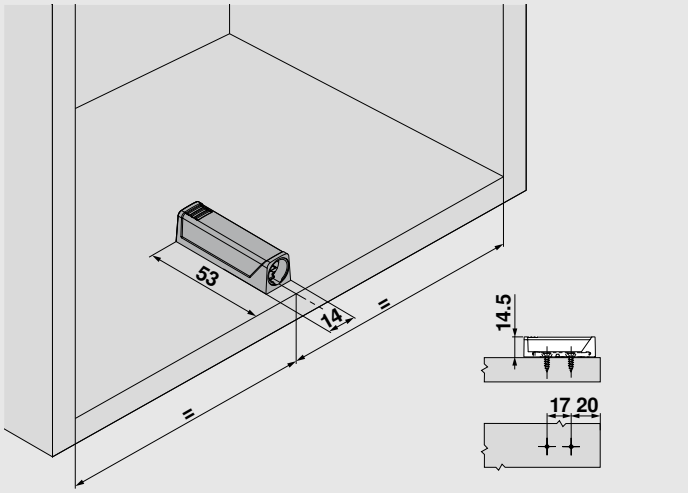
For stay lifts up to and including a height of **400**

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Planning

TIP-ON adapter plate fixing position

Straight adapter plate



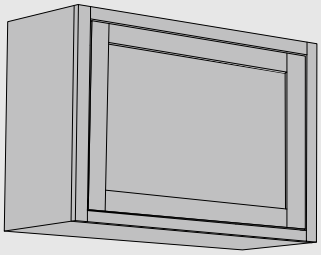
Installation dimensions for door gap



2.6 minimum with glue-on catch plate

() = **3.1** minimum with screw-on catch plate

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Face frame inset application

There are many different ways to install AVENTOS into inset cabinets, whether they are face frame or frameless.

The illustrations below show the idea of blocking-out the interior of a face frame cabinet to obtain the needed space required for AVENTOS. By blocking-out the interior of the cabinet to protrude into the cabinet opening, we have moved the AVENTOS lift mechanism far enough into the opening for the arm assembly to clear the frame of the cabinet.

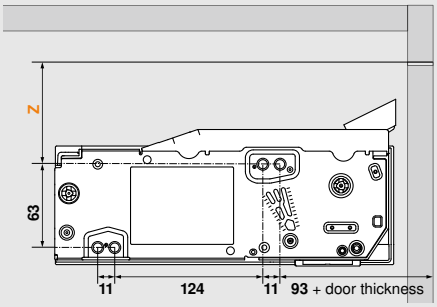
Planning information for blocking-out

This method requires blocking out the interior of the inside sidewalls (and top, when using HK-XS) so that the blocking protrudes into the cabinet opening.

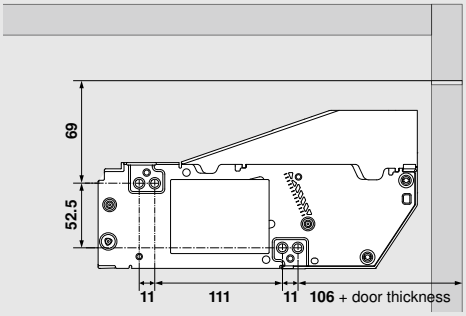
The block-outs can cover the whole sides of the cabinet or must be at least large enough to attach the lift mechanism to. The lift mechanisms then install referencing the front of the block-out as the face of the cabinet. The vertical mounting position of the lift mechanism references the inside top of the cabinet (or bottom edge of the top face frame rail in a face frame cabinet) and does not change from the standard position (with the exception of HL top*).

All dimensions are for lift mechanism types with positioning systems.

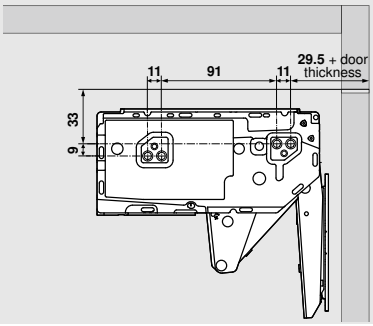
HF top



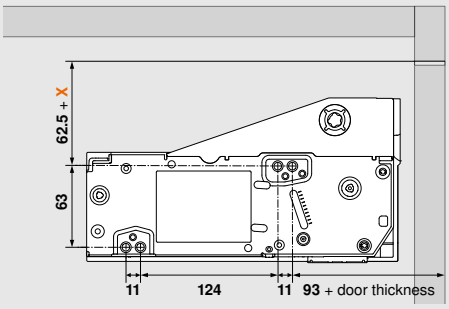
HS top



HK top



HL top

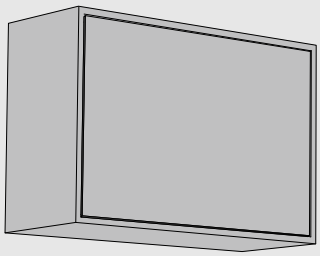


*When using HL top, mount the lift mechanisms at least **10** mm down from their standard position in order to prevent the levers from hitting the cabinet top panel/top frame rail. The lever mounting plate on the door must also be moved down from the standard position by the same amount as the lift mechanism–this will change the minimum opening height.

Cabinet type	Hinge	Cabinet height range	Z
Face frame with block-out	COMPACT/ COMPACT CLIP	**560** (22")–**1219** (48")	**99.5**
		480 (18-7/8")–**519** (20-1/2")	**77.5**
Face frame with block-out	CLIP top	**560** (22")–**1219** (48")	**119.5**
		480 (18-7/8")–**559** (22")	**84.5**
Frameless	CLIP top	**520** (20-1/2")–**1219** (48")	**116**
		480 (18-7/8")–**559** (22")	**93**

Door thickness	X
16	**7**
19	**10**
23	**14**
30	**21**
38	**29**

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Frameless inset application

There are many different ways to install AVENTOS into inset cabinets, whether they are face frame or frameless.

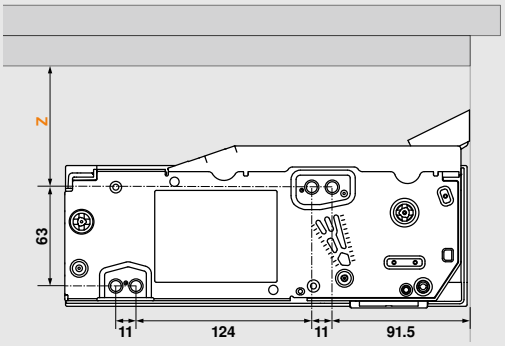
The illustrations below show the idea of building a cabinet within a cabinet to obtain the needed space required for AVENTOS. By either building a smaller cabinet within or adding panels to the outside of a cabinet, you have made it possible to simulate the look of an inset cabinet.

Planning information for cabinet-within-cabinet

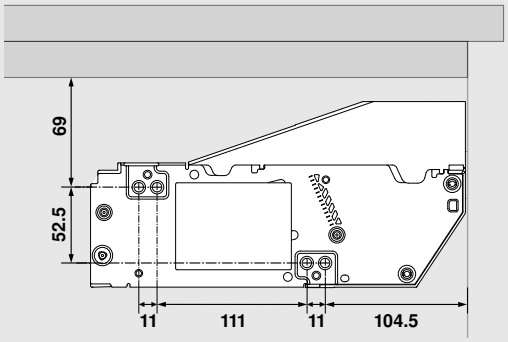
This method involves lining the inside of the cabinet with a 4-sided box that protrudes into the opening and treating the hardware installation as an overlay application on this interior cabinet. The door then sits inset within the outer, main cabinet.

All dimensions are for lift mechanism types with positioning systems.

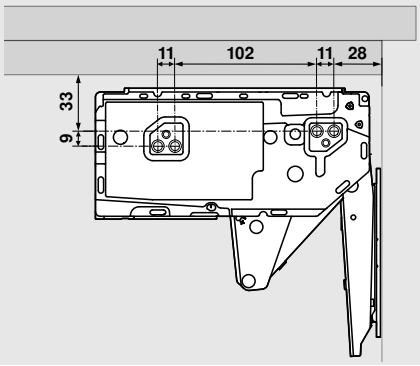
HF top



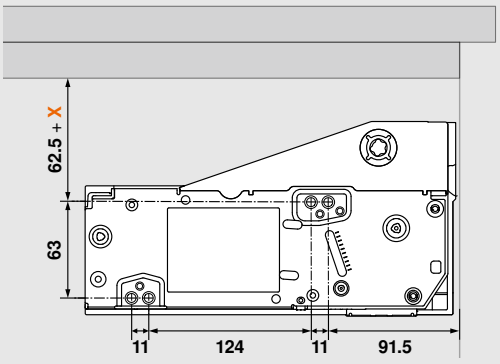
HS top



HK top



HL top



Cabinet type	Hinge	Cabinet height range	Z
Face frame with block-out	COMPACT/ COMPACT CLIP	**560** (22")–**1219** (48")	**99.5**
		480 (18-7/8")–**519** (20-1/2")	**77.5**
Face frame with block-out	CLIP top	**560** (22")–**1219** (48")	**119.5**
		480 (18-7/8")–**559** (22")	**84.5**
Frameless	CLIP top	**520** (20-1/2")–**1219** (48")	**116**
		480 (18-7/8")–**559** (22")	**93**

Door thickness	X
16	**7**
19	**10**
23	**14**
30	**21**
38	**29**

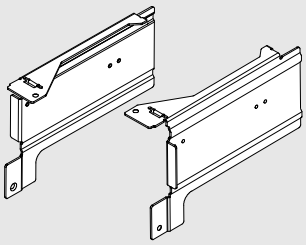
 © 2026 Blum, Inc.

AVENTOS face frame mounting brackets provide a fast and easy way to install AVENTOS in face frame cabinets without the need to block out. The brackets provide an accurate mounting location in the cabinet for the lift mechanism to simply mount to the bracket with the supplied mounting screws.



AVENTOS HK top face frame mounting bracket set

- Brackets for mounting AVENTOS HK top in face frame cabinet
- Minimum recess of **12.5** (1/2")
- Provides accurate mounting position for lift mechanism

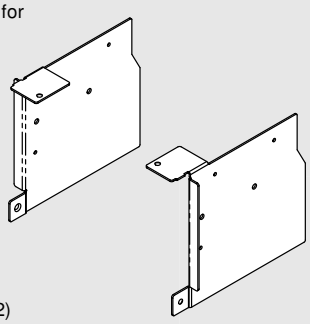


Set includes:
- Right and left brackets
- M4 x **30** lift mounting screws (qty 12)

	Part no.
HK top frame mounting bracket set	**22K6001**

AVENTOS HK-S face frame mounting bracket set

- Brackets for mounting AVENTOS HK-S in face frame cabinet
- Minimum recess of **12.5** (1/2")
- Provides accurate mounting position for lift mechanism

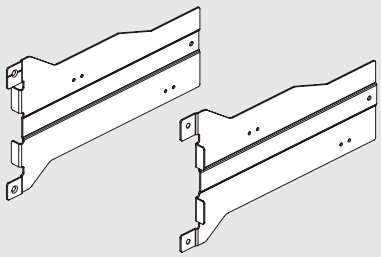


Set includes:
- Right and left brackets
- M4 X **30** lift mounting screws (qty 12)

	Part no.
HK-S frame mounting bracket set	**20K6A01**

AVENTOS HF top face frame mounting bracket set

- Brackets for mounting AVENTOS HF top in face frame cabinet
- Minimum recess of **12.5** (1/2")
- Provides accurate mounting position for lift mechanism

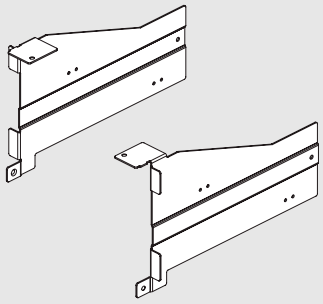


Set includes:
- Right and left brackets
- M4 x **30** lift mounting screws

	Part no.
HF top frame mounting bracket set	**22F6001**

AVENTOS HL top face frame mounting bracket set

- Brackets for mounting AVENTOS HL top in face frame cabinet
- Minimum recess of **12.5** (1/2")
- Provides accurate mounting position for lift mechanism



Set includes:
- Right and left brackets
- M4 x **30** lift mounting screws

	Part no.
HL top frame mounting bracket set	**22L6001**

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EXPANDO T



- EXPANDO T – pre-assembled fixing system
- Thin fronts of **8** or more
- Different front materials
- 3 different applications: lift systems, hinge systems and box systems

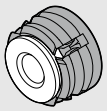
Door mounting plate for AVENTOS HS top | HL top | HK top



- Steel symmetrical door mounting plate
- Fixing positions as per the details in the respective planning information
- Thin fronts (qty 2)

	Part no.
EXPANDO T door mounting plate	20S42T1

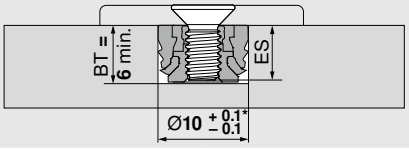
EXPANDO T – single



- Nylon/steel
- Dark gray

	Part no.
Dowel	70T4532T
Installation screw	M4x8MM

Drilling depth | Screw selection – EXPANDO T



*Stone and ceramic +**0.2**/-**0.1**

Screws with M4 thread have to be used for EXPANDO T single

The lowest possible drilling depth should be selected for the single dowel depending on the screw length

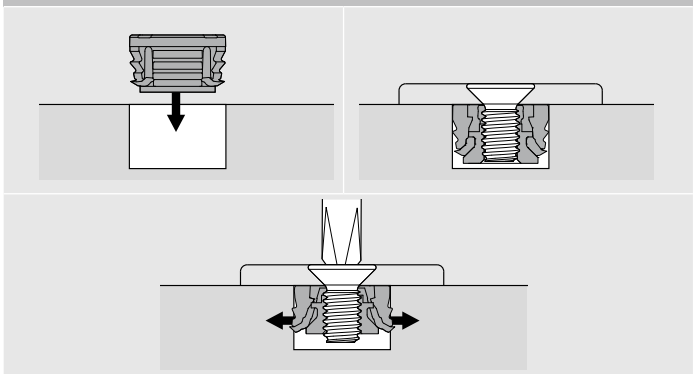
BT = Drilling depth

ES = Screw penetration depth

ES = **4** minimum

ES = **0.5** maximum drilling depth –

Assembly – EXPANDO T



Area of application and assembly recommendation

EXPANDO T is suitable for attaching Blum hardware to thin cabinet fronts of all types of materials. Front materials can be just **8** thick or more, provided they are sufficiently stable and strong.

Nm = Minimum tightening torque

Materials tested by Blum	Nm
Wood (transverse tensile strength > 0.4 N/mm²)	1.5
MDF (transverse tensile strength > 0.6 N/mm²)	1.5
HDF	2
HPL	2
Mineral composites	2
Granite stone	3
Artificial stone – quartz composite	3
Ceramic panels	3

Limitation of liability

Blum accepts no liability for the use of EXPANDO T in combination with materials not listed or hardware from other manufacturers. It is recommended that assembly be carried out by an experienced cabinet manufacturer.

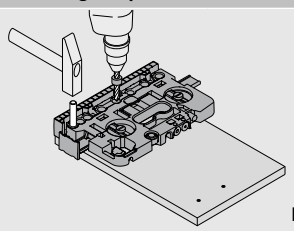
Use QR code or link below for EXPANDO T installation and adjustment instructions

https://www.blum.com/us/en/products/innovations/thin-doors/overview//

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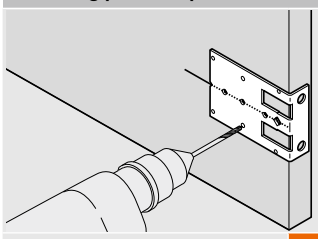
Door assembly

Universal drilling template



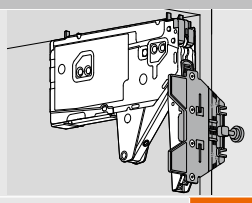
Part no. ZML.0040.02

Mounting plate template



Part no. 65.5300

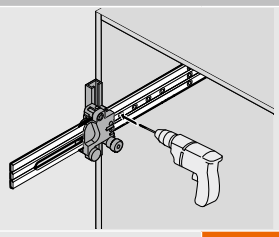
Marking template for AVENTOS HK top door mounting plate



Part no. ZML.2200

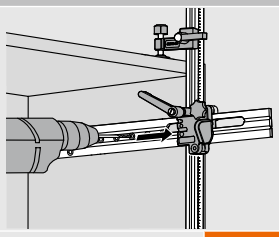
Cabinet assembly

Universal individual template



Part no. 65.1051.02

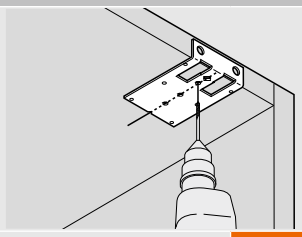
Universal boring template



Part no. 65.1000.01

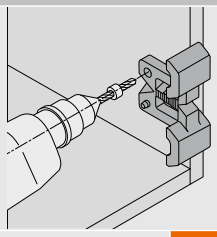
Hinge systems assembly

Mounting plate template



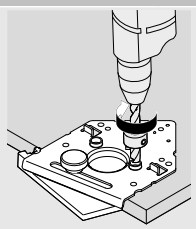
Part no. 65.5300

ECOJIG



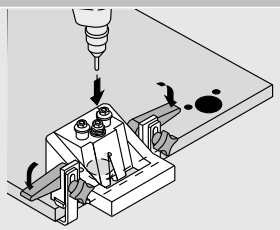
Part no. 65.5070

INSERTA boring template



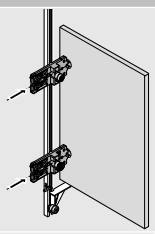
Part no. Ø8 | 2.5 65.059A

ECODRILL



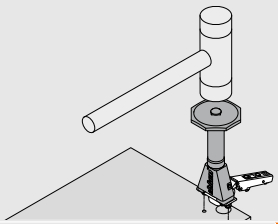
Part no. M31.1000

QUICKFIX



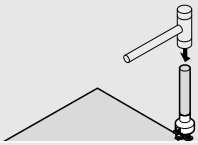
Part no. 65.7500.03

Knock-in tool



Part no. ZME.0710

Insertion tool for mounting plates



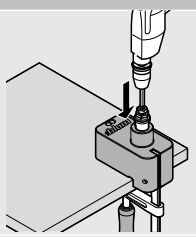
Part no.

Mounting plate	65.6100
Steel horizontal mounting plate	ZME.0730

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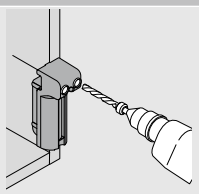
SERVO-DRIVE assembly

Assembly – SERVO-DRIVE



	Part no.
Drilling template for the SERVO-DRIVE switch	M31.2000

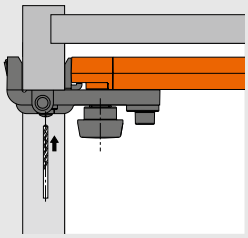
Assembly – TIP-ON

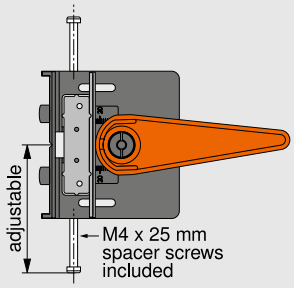


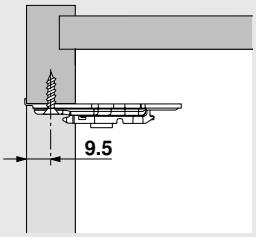
	Part no.
Drilling template for BLUMOTION | TIP-ON	65.5010

Face frame adapter plate assembly









- Boring template for all Blum face frame adapter plates
- Clamps to the frame with cam lever
- Adjustment knob accommodates face frame thickness of 5/8" to 1"
- Spacer screws allow quick use without measuring

Set includes:

1	PLATEMATE template
2	Ø**.35** pilot bit and extension
3	Ø**5** stop collar

Also includes:

- Reversible bushing insert for **32** hole spacing for 175L6xxx
- Reversible bushing insert for **40** hole spacing for 175H6

	Part no.
PLATEMATE	65.5030.01
Ø**2.5** drill bit	DB-2.5mm R

TORX DRIVER

For AVENTOS HKi and AVENTOS top adjustments

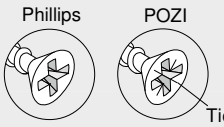




	Part no.
T20 TORX DRIVER	TORX DRIVER
T8 TORX DRIVER	SR-DREH TX8
T20 x 2" TORX bit insert	TORX BIT T20X2

POZI DRIVER

A POZI screwdriver (different from Phillips) is the most crucial tool you can use to assure that full torque is applied to all Blum mounting screws. POZI screws can be identified by the distinctive “tick” marks located in the center of the screwhead recess.



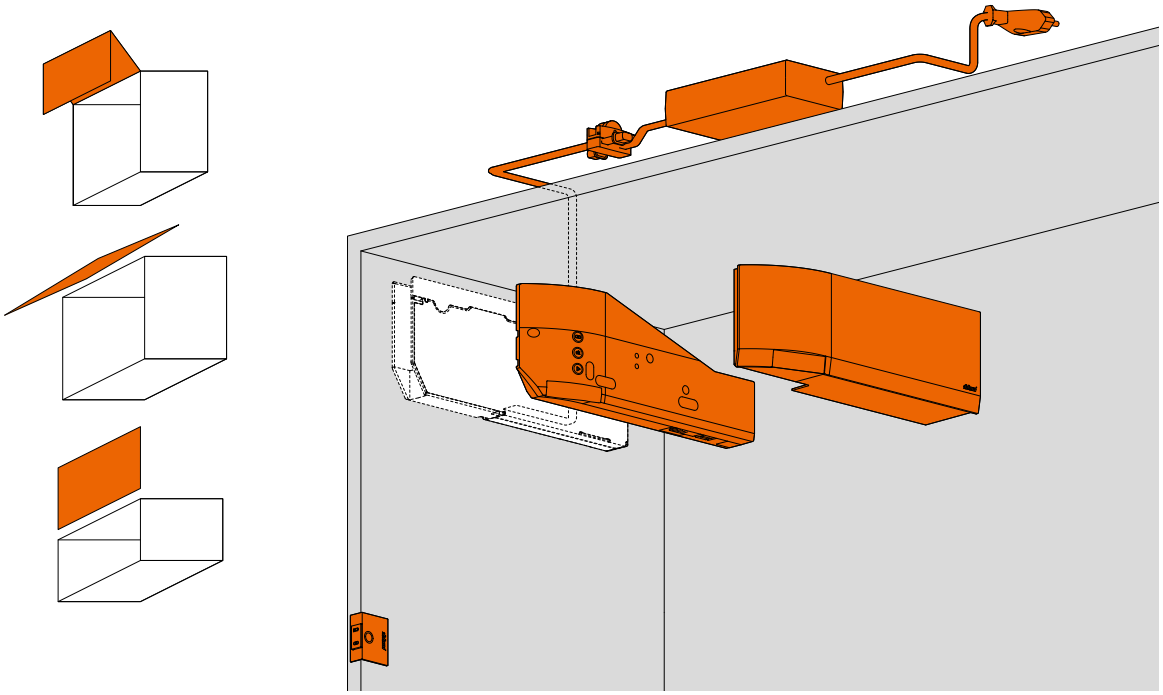


	Part no.
#2 POZI DRIVER	POZI DRIVER
1/4" Magnetic bit holder	BIT HOLDER
#2 x 1" POZI bit insert	POZI BIT #2X1
#2 x 2" POZI bit insert	POZI BIT #2X2

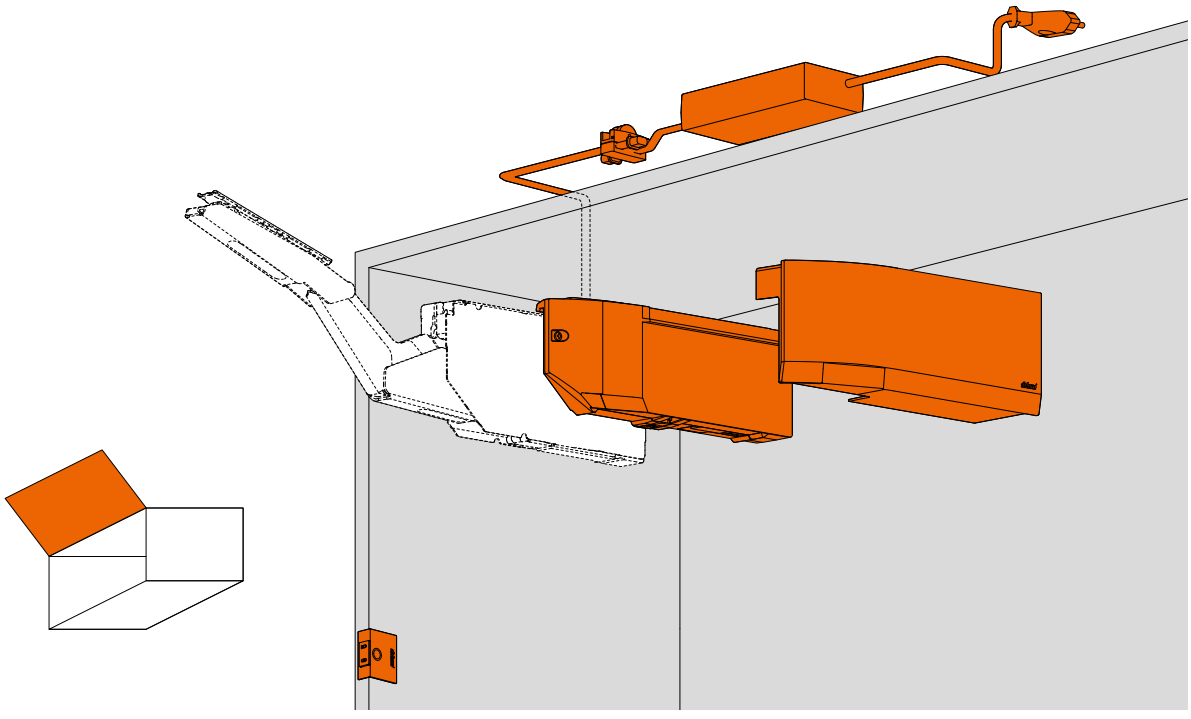
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SERVO-DRIVE for AVENTOS HF top, HS top, HL top

SERVO-DRIVE power supply unit and accessories



SERVO-DRIVE for AVENTOS HK top

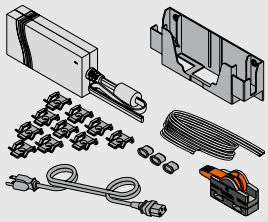


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Ordering information

SERVO-DRIVE power supply unit and accessories

Option 1: Power supply set

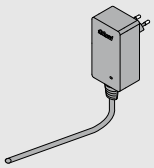


Set includes:
- Power supply
- Wall mount bracket
- Three-prong power cord
- Cable connector
- Cable end protector (qty 3)
- Cable clips (qty 10)
- 19 feet universal cable

	Part no.
Power supply set	Z10NE04UG22

Option 2: SERVO-DRIVE uno plug-in power supply unit

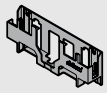
Only suitable for one drive unit



Set includes:
- SERVO-DRIVE plug-in power supply unit
- **1120** cable (with SERVO-DRIVE distribution cable extendable to maximum of **2000**)

	Part no.
Power supply unit	Z10NA40UG

Power supply unit housing



- Nylon panel fixing
- For SERVO-DRIVE power supply unit

White gray (WGR)

	Part no.
Power supply unit housing	Z10NG120

SERVO-DRIVE switch



For adding additional activation switches to a SERVO-DRIVE for AVENTOS application.
- Up to six switches can be added per drive unit

Silk white, Dark gray, Light gray

	Part no.
SERVO-DRIVE switch	23P5020

NOTE: A switch can only be synchronized to one drive unit

SERVO-DRIVE switch adapter



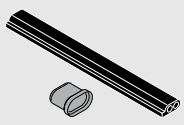
- Used for face frame and frameless applications
- Doesn't require boring into side of cabinet

Silk white, Dark gray, Light gray

	Part no.
SERVO-DRIVE switch adapter	23P5216

Accessories

SERVO-DRIVE distribution cable and cable end protector

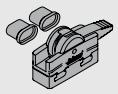


For cutting to size – 8 m

Set includes:
- SERVO-DRIVE distribution cable
- Cable end protector (qty 5)

	Part no.
Distribution cable and cable end protector	Z10K800AE

Connecting node and cable end protector



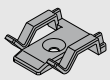
Nylon connecting node and cable end protector

Set includes:
- Connecting node
- Cable end protector (qty 2)

Black (S)

	Part no.
Connecting node and cable end protector	Z10V100E.01

Cable holder



For attaching the SERVO-DRIVE distribution cable

White (W)

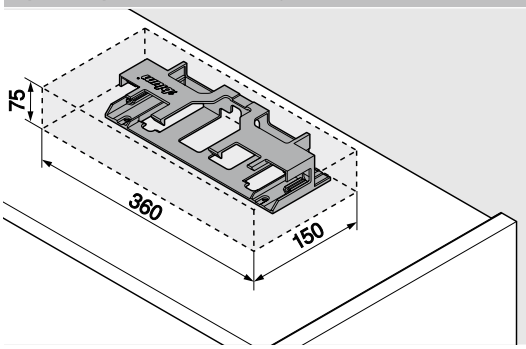
	Part no.
Cable holder	Z10K0009

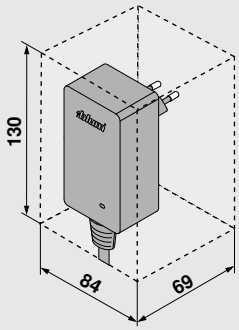
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SERVO-DRIVE for AVENTOS HF top, HS top, HL top

SERVO-DRIVE power supply unit and accessories

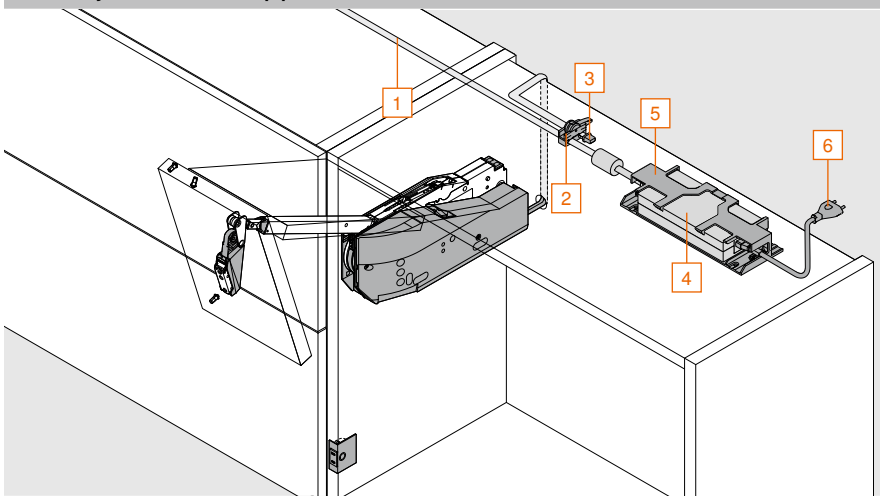
Space requirement and safety distance





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.

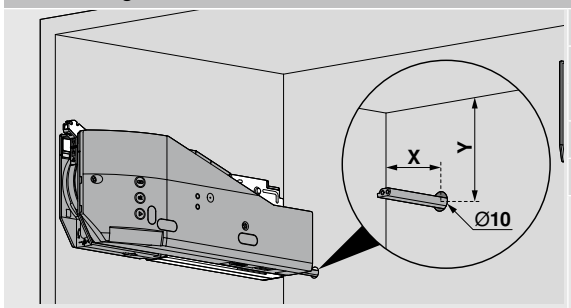
Assembly on the cabinet top panel



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

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

Back cabling



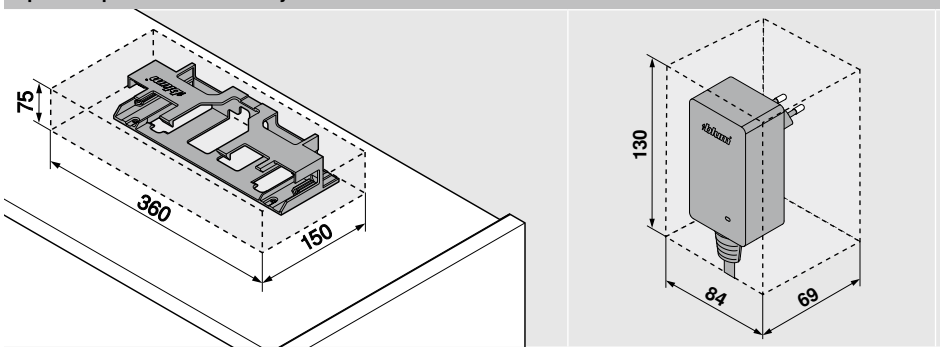
			X	Y
AVENTOS HF top	Cabinet height	**480–519**	**38.5**	**102**
		520–1219	**38.5**	**124**
AVENTOS HS top			**38.5**	**45**
AVENTOS HL top			**38.5**	**71**

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SERVO-DRIVE for AVENTOS HK top

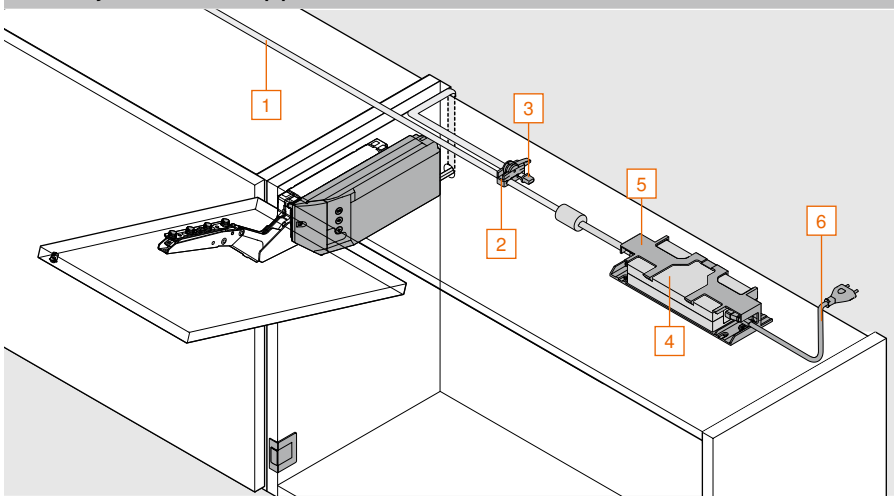
SERVO-DRIVE power supply unit and accessories

Space requirement and safety distance



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.

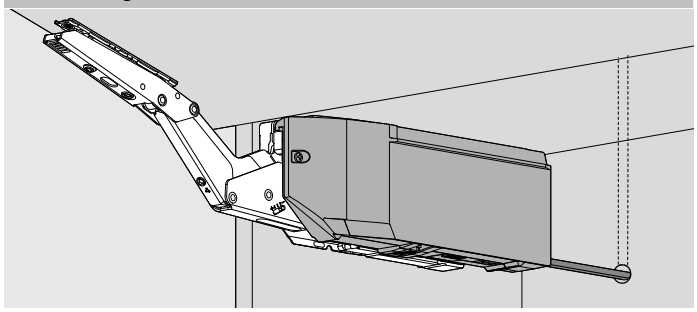
Assembly on the cabinet top panel



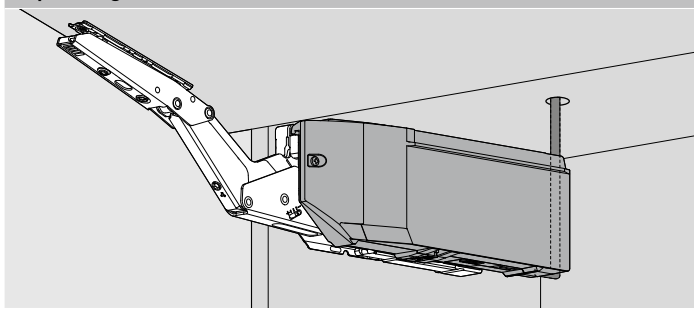
1. SERVO-DRIVE distribution cable
2. Connecting node
3. Cable end protector
4. SERVO-DRIVE power supply unit
5. Power supply unit housing
6. Three-prong power cord

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

Back cabling



Top cabling



Installation and adjustment instructions

Use QR code or link below for AVENTOS top SERVO-DRIVE installation and adjustment instructions

www.blum.com/servodrive-aventos-assembly

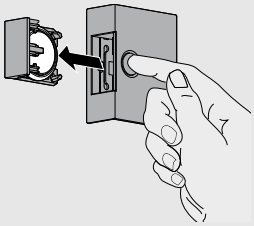
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SERVO-DRIVE for AVENTOS top

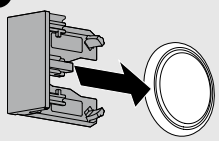
Replacing the SERVO-DRIVE switch battery

When the battery power begins to weaken, the battery display (LED) begins to flash red.
If the battery is inserted incorrectly, the SERVO-DRIVE switch battery display will flash red.

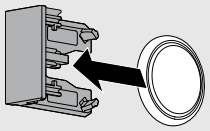
1 Press release button on switch and remove battery tray.



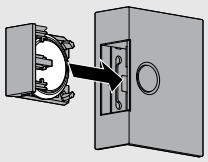
2 Remove old battery.



3 Replace with new battery.



4 Insert battery tray back into switch.



- Open the SERVO-DRIVE switch and remove the battery
- Insert the new battery (type CR2032) and close the SERVO-DRIVE switch – note correct polarity +/-

NOTE: The SERVO-DRIVE switch battery must not be recharged or discarded into fire.

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Our services at a glance

Our services support you throughout your entire process – from planning and design, all the way through to manufacturing. Take advantage of our tried-and-tested and user-friendly services for your projects with AVENTOS.

Planning, design, quoting
Product Database offers specific product details, photos and CAD data. Our Product Configurator provides you with checked and complete parts lists specifically for your application.

Ordering
To make it easy to order your AVENTOS parts, you can manage your different projects and order lists with ease under "My Projects" and "My Order Lists" in the Product Configurator.

Manufacturing
CAM data can be downloaded from the Product Configurator to assist you during the cabinet manufacturing process. Have a Blum EASYSTICK? Transfer BXF files from the Product Configurator directly to your machine.

Assembly, installation
Download our EASY ASSEMBLY App for quick access to assembly and installation instruction sheets and videos. The easy-to-use interface allows you to filter by product type. Save your most used products to your favorites to find the information again quickly.

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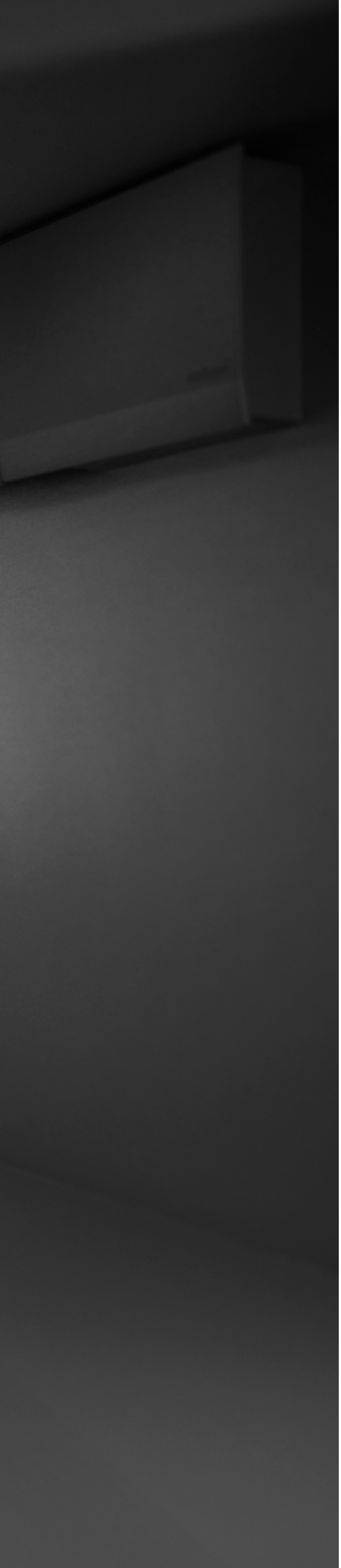
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moving ideas

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Quality of living

We engineer our products with your lifetime in mind. As your mobility needs change, Blum hardware keeps your cabinets accessible.

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Everything from a single source: Our wide range of products allows you to keep up with the trends of today and tomorrow.

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We monitor global trends and strive to create the solutions of tomorrow. We like to share our insights with you.

Innovation

We stay in motion. Our curiosity and pioneering spirit drive us to develop new products and services for you.

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We support your daily operations with customized services tailored to your processes.

Quality

We continuously strive to improve our products, services and ourselves.

Trust

It's our goal to build lasting relationships with our customers, employees and in our community.

Julius Blum started our journey in 1952 with horseshoe studs. Today we supply innovative hardware to customers in over 120 countries.



11
production plants around the world, including the USA



More than
30
subsidiaries and representative offices



The company was founded in Höchst, Austria by Julius Blum in **1952**.



With more than
2100
patents worldwide, Blum is one of Austria's most innovative companies.



Customers in over
120
markets on every continent



9944
employees around the globe



Over
30
years of apprenticeship at Blum US



Blum produces lift, hinge, drawer and pocket systems for cabinetry – complemented by assembly devices, organizational inserts and services.



In line with our philosophy of global customer benefits, everyone should benefit from Blum products – from manufacturers and distributors to furniture installers and end consumers.



Blum has implemented numerous sustainability initiatives to reduce its environmental footprint – certified to ISO-14001 since 1997.

ISO 9001 Certified Quality System

ISO 14001 Certified Environmental System

ISO 50001 Certified Energy System

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