

SERVO-DRIVE

Ordering and planning information



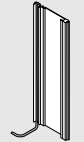
The electronic motion support system for drawer and wall cabinets

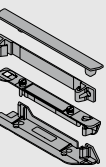
With just a light touch, drawers, wall cabinets, and base cabinets seem to open by themselves. With SERVO-DRIVE, SERVO-DRIVE uno and SERVO-DRIVE flex, achieve a hands free experience. One system for the whole kitchen with tailored solutions for all requirements.

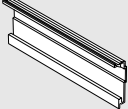
Contents

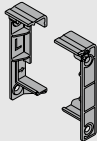
04	SERVO-DRIVE/SERVO-DRIVE uno component overview
06	SERVO-DRIVE for box and runner systems
29	SERVO-DRIVE for box systems
34	SERVO-DRIVE for box and runner systems
40	SERVO-DRIVE for runner systems
54	SERVO-DRIVE uno Bottom mount waste bin solution
57	SERVO-DRIVE uno Top mount waste bin solution
59	SERVO-DRIVE Assembly devices
60	SERVO-DRIVE flex component overview
62	SERVO-DRIVE flex Refrigerators and freezers
67	SERVO-DRIVE flex Fridge/freezer combinations
69	SERVO-DRIVE flex Dishwashers
72	moving ideas

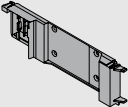
Blum distance bumper	
	The Blum distance bumper ensures the required trigger path of 2 mm.

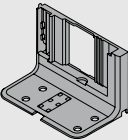
Bracket profile	
	The drive units are attached to the bracket profile.

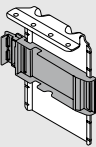
Bracket profile attachment and bracket profile cover cap	
	These components are used to attach the bracket profile to a horizontal and/or vertical cross member.

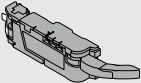
Horizontal bracket profile	
	The drive unit is attached to the bracket profile using the bracket profile adapter.

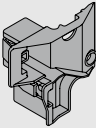
Bracket profile attachment	
	This component is used for attaching the horizontal bracket profile.

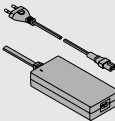
Bracket profile adapter for drive unit	
	The adapter is used to attach the drive unit to the horizontal bracket profile.

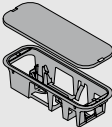
Attachment bracket 1 tier	
	You can use attachment brackets if single drawer are to be operated or if the installation situation does not permit a continuous bracket profile.

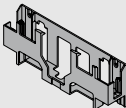
Upper attachment bracket with pre-assembled adapter for the drive unit	
	The drive unit is fixed to the adapter for the upper attachment bracket.

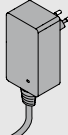
Drive unit	
	The drive unit is supplied with a lever extension. The lever extension must be removed in special applications such as narrow cabinets so that the drive unit can be installed (see planning information).

Trigger guidance for TANDEMBOX	
	Prevents the lever from colliding with TANDEMBOX back fixing (LW 242-316 mm), in combination with a chipboard back.

SERVO-DRIVE power supply unit	
	The SERVO-DRIVE power supply unit can be used around the world. It converts the country-specific mains voltage to 24 V direct current. You must use a flex with a regular plug for the respective country. The SERVO-DRIVE power supply unit is used to supply several drive units with power (throughout the entire kitchen).

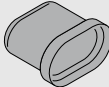
Power supply unit housing	
Base fixing	
	The power supply unit housing for base fixing securely accommodates the SERVO-DRIVE power supply unit on the base of the cabinet.

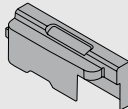
Power supply unit housing	
Back panel/wall fixing	
	The SERVO-DRIVE power supply unit can be attached to the wall or back panel with the power supply unit housing for back panel/wall fixing.

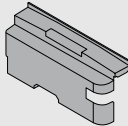
SERVO-DRIVE plug-in power supply unit	
	The SERVO-DRIVE plug-in power supply unit supplies power to a single drive unit (single application).

SERVO-DRIVE distribution cable	
	The distribution cable supplies power to the drive units. The max. permitted operating voltage is 24 V. Note: This cable must not be directly connected to the mains power outlet.

Connecting node	
	This node establishes the electrical connection between the SERVO-DRIVE distribution cable and the bracket profile and/or the SERVO-DRIVE power supply unit.

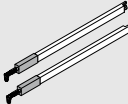
Cable end protector	
	The cable end protector is fitted onto the unused ends of the cable.

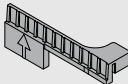
Drip protection feature for attachment bracket 1 tier	
	The drip protection feature prevents water from penetrating the SERVO-DRIVE drive unit. Suitable for applications with an attachment bracket 1 tier.

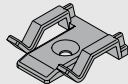
Drip protection feature for horizontal applications	
	The drip protection feature prevents water from penetrating the SERVO-DRIVE drive unit. Suitable for applications with a horizontal bracket profile.

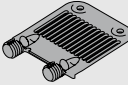
Locating bracket	
	No pre-drilling, self-adhesive For positioning the SERVO-DRIVE uno unit.

Attachment left/right	
	These components are used to attach the steel back for TANDEMBOX – top mount waste bin solution.

Rectangular longside gallery rail left/right	
	Gallery can be used in combination with TANDEMBOX.

Transport protection	
	Serves to protect the SERVO-DRIVE uno set during transportation. Remove before use.

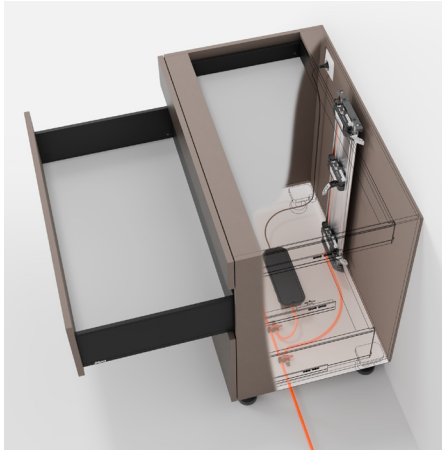
Accessories	
Cable holder	
	The cable holder allows you to route the SERVO-DRIVE distribution cable safely and neatly.

Front/base stabiliser	
	For TANDEMBOX: Stabilises wide and high fronts. Reinforces the connection between drawer side and front. For LEGRABOX/MERIVOBX: Stabilises wide drawer bases. Reinforces the connection between base and front.

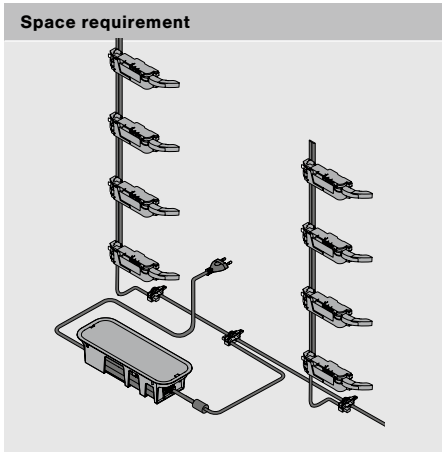
Synchronisation cable	
	The synchronisation cable allows you to synchronise two interconnected drive units.

Colour/material			
WGR	White grey	R7035	RAL 7035 light grey
SZ	Black	R7037	RAL 7037 dust grey
WS	White	K	Nylon
TGR	Dark grey	ZN	Zinc plated

Standard cabinet with horizontal and vertical cross members



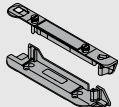
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With vertical bracket profile
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Tool-free drive unit assembly
- Simple cabling
- Shallow installation depth



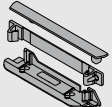
Ordering information

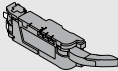
	Blum distance bumper		
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For LEGRABOX/MERIVOBX 70 kg cabinet profile, use 4 pcs			
For TANDEMBOX 65 kg cabinet profile, use 4 pcs			

	Bracket profile		
	Bracket profile with SERVO-DRIVE distribution cable		
	Length (mm)		
	750		Z10T750AA
	Bracket profile without SERVO-DRIVE distribution cable		
	Length (mm)		
	1170		Z10T1170A
Aluminium for cutting to size			
Cutting:	Internal cabinet height LH - 10 mm		

	Bracket profile attachment top/bottom		
	Horizontal cross member		
	Colour	Material	
	TGR	K	Z10D01E0.01

Alternative to 3

	Bracket profile attachment bottom/back		
	Vertical cross member		
	Colour	Material	
	TGR	K	Z10D01EA.01

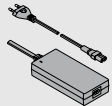
	Drive unit		
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

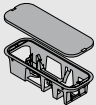
	Trigger guidance for TANDEMBOX		
	Colour	Material	
	R7037	K	Z10A3H00
Chipboard back			
Required for an LW of 242–316 mm			

	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			

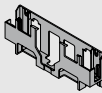
Standard cabinet with horizontal and vertical cross members

	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

	SERVO-DRIVE power supply unit incl. flex		
	Markets		
	Language packages		
	K	I	Z10NE04KI
Incl. operating and installation instructions			
Consisting of:			
	1 x	Power supply unit (output flex: length 2 m)	
-	1 x	Flex (1.5–1.8 m, incl. plug)	

	Power supply unit housing		
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

	Power supply unit housing		
	Back panel/wall fixing		
	Colour	Material	
	WGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

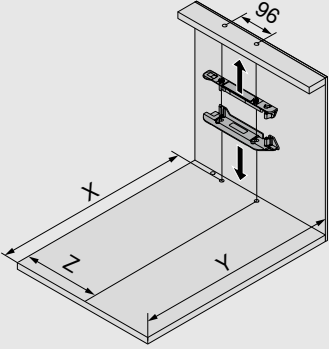
	Cable holder		
	Colour	Material	
	WS	K	Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			

	Front/base stabiliser		
	Colour	Material	
	R7037	K	Z96.10E1

	Synchronisation cable	
	Length (mm)	
	80	Z10K008S
	1200	Z10K120S
Connects two drive units that need to open simultaneously		

Standard cabinet – horizontal cross member

Planning

Drilling distances – cabinet base cross member			
	Drawer back – box systems		
	Chipboard back	X (mm)	Y (mm)
	NL Nominal length	NL + 19	NL + 33
	X Drilling position		
	Y Min. space requirement		
	Z Dimension of engagement		
Drawer back – runner systems		X (mm)	Y (mm)
≥ 79		NL + 16	NL + 30

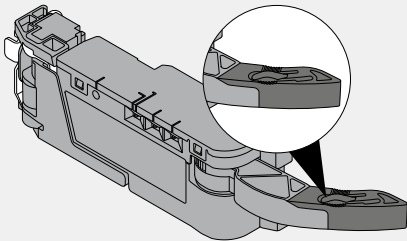
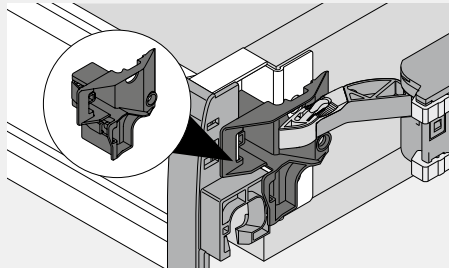
Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	×	–	–	174	●	–
		M K E	–	–	–	174	×	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	×	●	179	●	●	–	179	●	●
		M C D	179	×	●	179	●	●	–	179	●	●

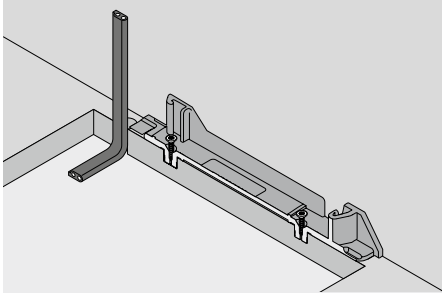
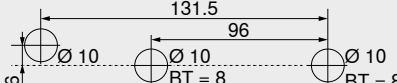
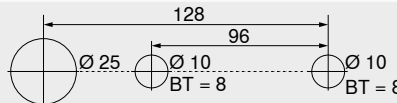
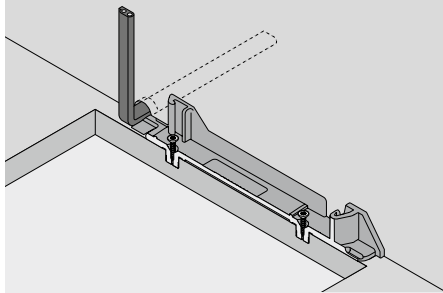
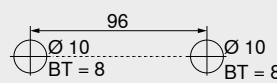
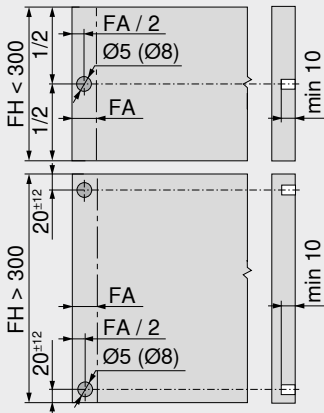
Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M C D	179	●	○	LW / 2	●	○

LW Internal cabinet width	○ Not required
Z Dimension of engagement	– Not possible
● Required	✕ Remove

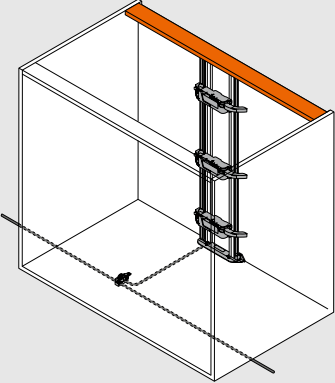
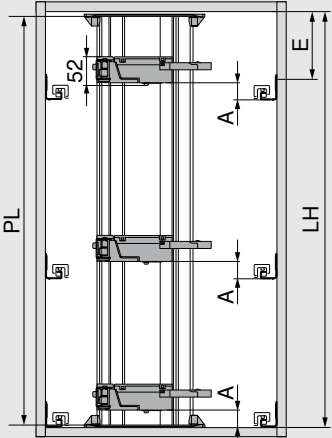
Standard cabinet – horizontal cross member

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

Lever extension	Trigger guidance
	

Cabinet base – drilling pattern		Front assembly – position – Blum distance bumper										
<div>Lower cabling</div>  <div>BT Drilling depth</div>  <div>Alternative drilling pattern – MINIPRESS top MINIPRESS</div> 	<div>Back cabling</div>  <div>BT Drilling depth</div> 	<div>Front assembly – position – Blum distance bumper</div>  <p>The Blum distance bumper ensures the required trigger path of 2 mm</p> <table><tr><th>Front height FH (mm)</th><th>Blum distance bumper (pcs)</th></tr><tr><td>Up to 300</td><td>2</td></tr><tr><td>From 301</td><td>4</td></tr><tr><td colspan="2">FA Front overlay</td></tr><tr><td colspan="2">FH Front height</td></tr></table>	Front height FH (mm)	Blum distance bumper (pcs)	Up to 300	2	From 301	4	FA Front overlay		FH Front height	
Front height FH (mm)	Blum distance bumper (pcs)											
Up to 300	2											
From 301	4											
FA Front overlay												
FH Front height												

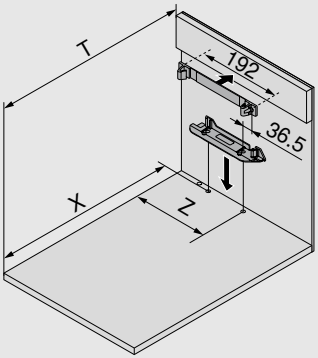
Standard cabinet – horizontal cross member

Cabinet	Position of drive unit
	 <div><div>PL = LH - 10 mm</div><div>Round down to the nearest tenth</div><div>LH Internal cabinet height</div><div>PL Bracket profile length</div><div>A Distance between bottom edge of cabinet profile and bottom edge of drive unit</div><div>E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile</div></div>

Position – drive unit – box systems										
Box system	Back	Back height	Internal cabinet width LW (mm)							
			242–266		267–286		287–316		≥ 317	
			A	E min.	A	E min.	A	E min.	A	E min.
LEGRABOX	Chipboard back	N	–	–	45	61	45	61	45	61
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M C D	35	64	35	64	35	64	35	64
A Distance between bottom edge of cabinet profile and bottom edge of drive unit										
E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile										
– Not possible										

Position – drive unit – runner systems							
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E Distance between bottom edge of cabinet top panel and fixing position of runner							
– Not possible							

Standard cabinet – vertical cross member

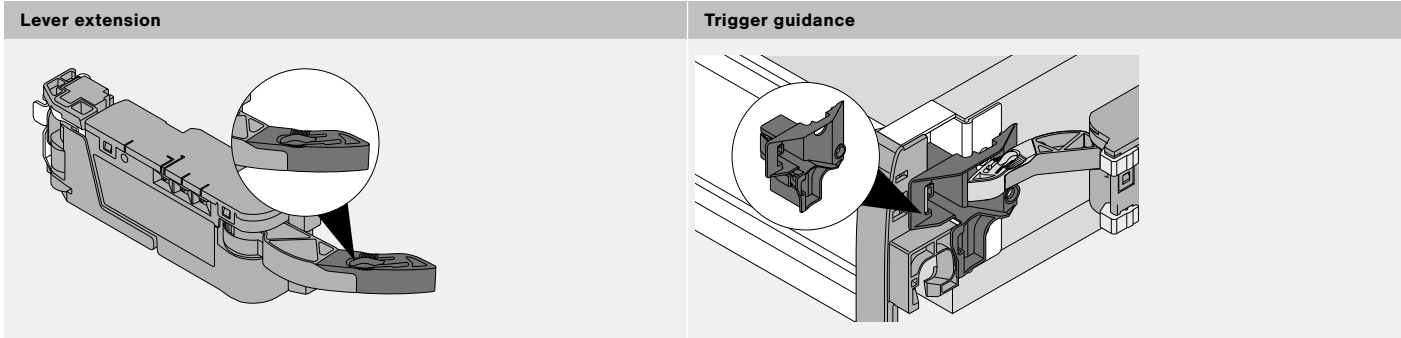
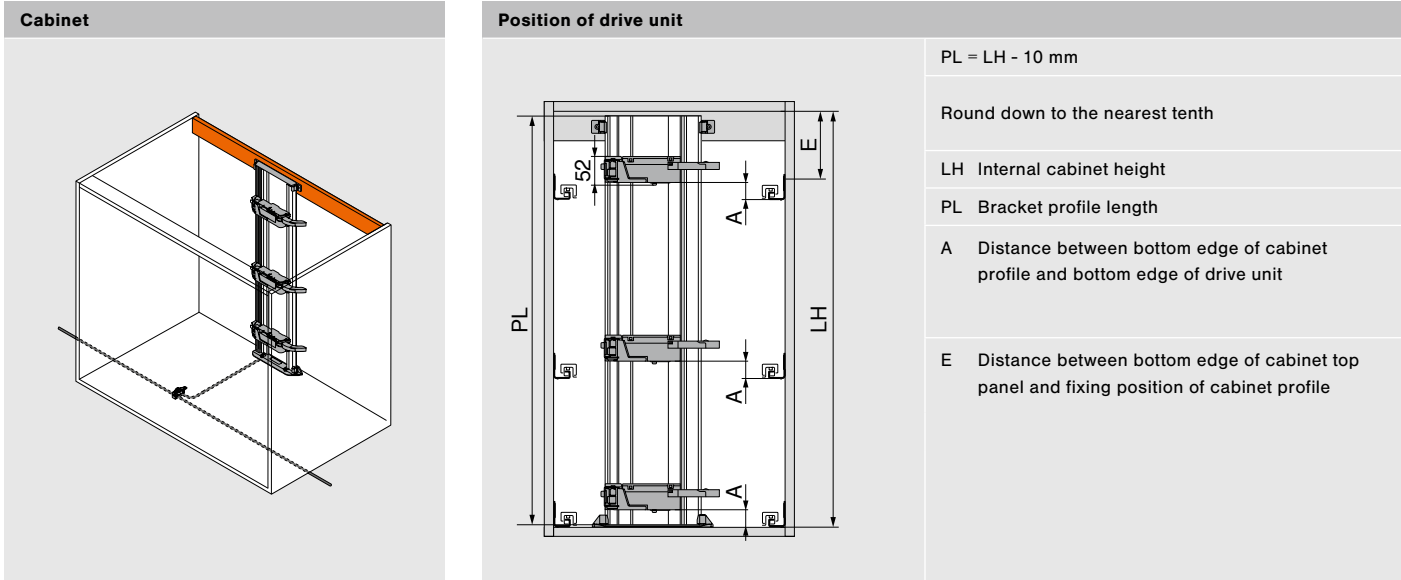
Drilling distances – cabinet base cross member		
	Drawer back – box systems	X (mm) T (mm)
	Chipboard back	NL + 19 NL + 34
	NL Nominal length	
	T Position front edge – cross member	
	X Drilling position	
	Z Dimension of engagement	
	Drawer back – runner systems	X (mm) Y (mm)
	≥ 79	NL + 16 NL + 31

Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	×	–	–	174	●	–
		M K E	–	–	–	174	×	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	×	●	179	●	●	–	179	●	●
		M C D	179	×	●	179	●	●	–	179	●	●

Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M C D	179	●	○	LW / 2	●	○

LW	Internal cabinet width	○	Not required
Z	Dimension of engagement	–	Not possible
●	Required	✕	Remove

Standard cabinet – vertical cross member

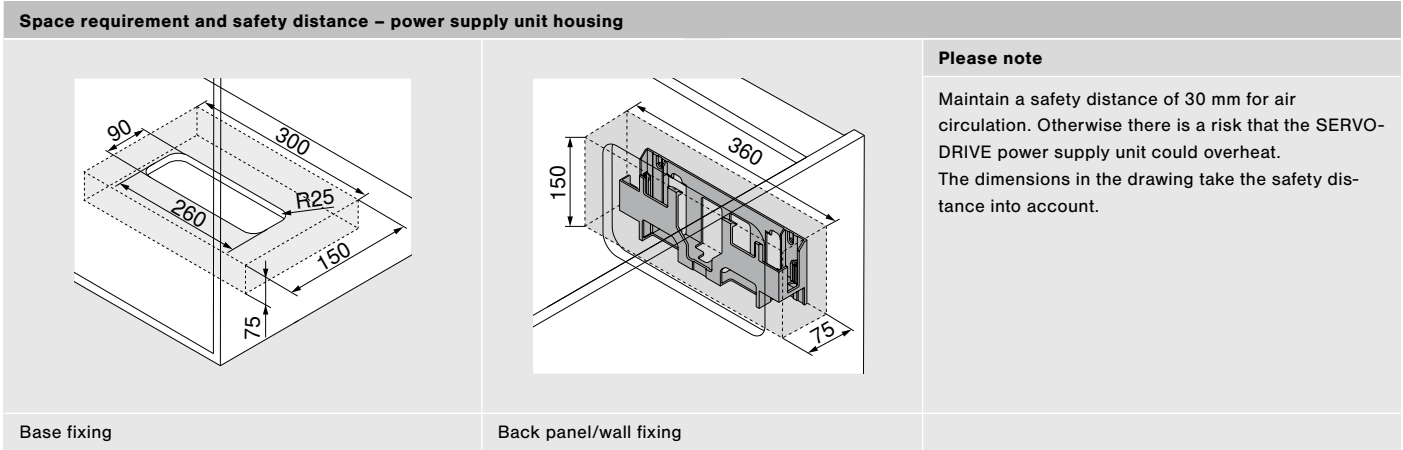


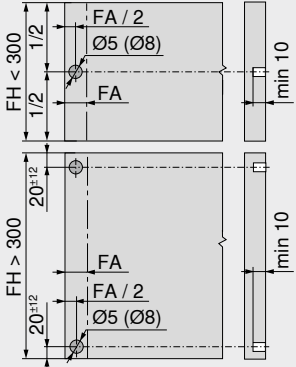
Position – drive unit – box systems										
Box system	Back	Back height	Internal cabinet width LW (mm)							
			242–266		267–286		287–316		≥ 317	
			A	E min.	A	E min.	A	E min.	A	E min.
LEGRABOX	Chipboard back	N	–	–	45	61	45	61	45	61
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M C D	35	64	35	64	35	64	35	64
A Distance between bottom edge of cabinet profile and bottom edge of drive unit										
E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile										
– Not possible										

Standard cabinet – vertical cross member

Position – drive unit – runner systems							
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	84	35	54
TANDEM	≥ 79	55	81	55	81	35	61
A Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E Distance between bottom edge of cabinet top panel and fixing position of runner							
– Not possible							

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

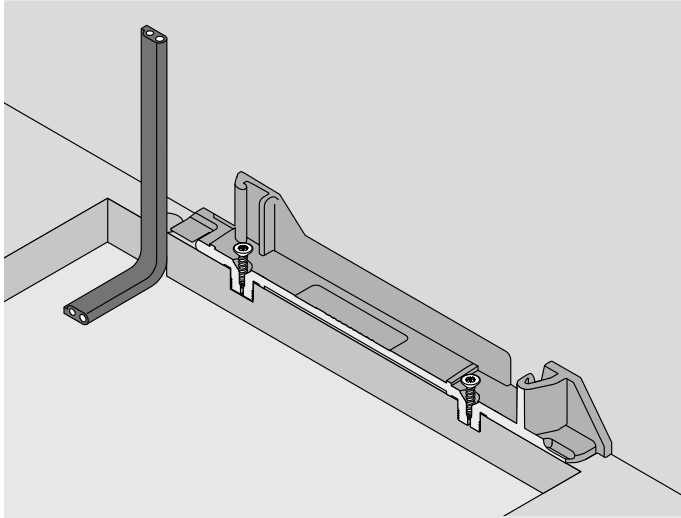


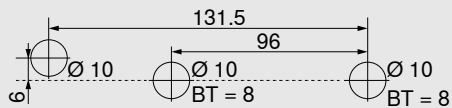
Front assembly – position – Blum distance bumper	
	
The Blum distance bumper ensures the required trigger path of 2 mm	
Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	

Standard cabinet – vertical/horizontal cross member

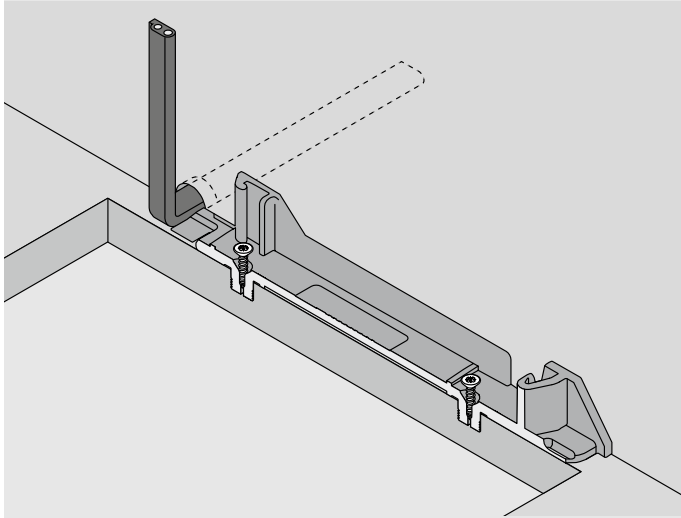
Cabinet base – drilling pattern

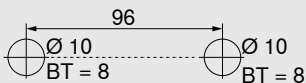
Lower cabling



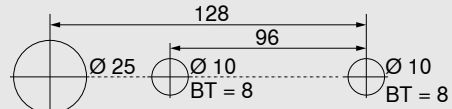


Back cabling





Alternative drilling pattern for MINIPRESS top and MINIPRESS



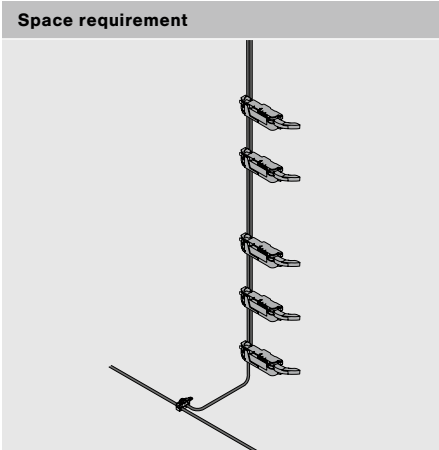
BT Drilling depth

SPACE TOWER



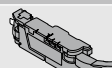
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With vertical bracket profile
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Tool-free drive unit assembly
- Simple cabling
- Shallow installation depth
- With inset drawer, SERVO-DRIVE for MERIVOBX is triggered by pulling the drawer

Space requirement



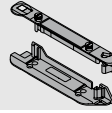
Ordering information

	Bracket profile		
	Bracket profile with SERVO-DRIVE distribution cable		
	Length (mm)		Z10T750AA
	750		
	Bracket profile without SERVO-DRIVE distribution cable		
	Length (mm)		Z10T1170A
	1170		
Aluminium for cutting to size			
Cutting:	Internal cabinet height LH - 10 mm		

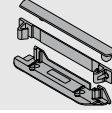
	Drive unit		
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

	Trigger guidance for TANDEMBOX		
	Colour	Material	
	R7037	K	Z10A3H00
Chipboard back			
Required for an LW of 242–316 mm			

	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			

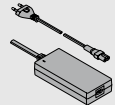
	Bracket profile attachment top/bottom		
	Horizontal cross member		
	Colour	Material	
	TGR	K	Z10D01E0.01

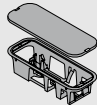
Alternative to 2

	Bracket profile attachment bottom/back		
	Vertical cross member		
	Colour	Material	
	TGR	K	Z10D01EA.01

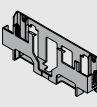
	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

SPACE TOWER

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Power supply unit housing			
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	TGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

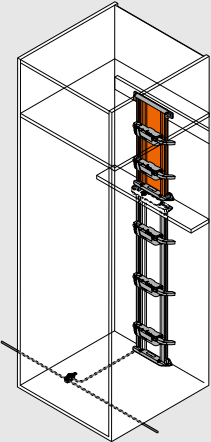
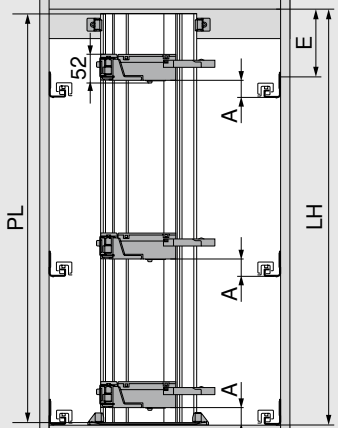
Cable holder			
	Colour	Material	
	WS	K	Z10K0009
	E.g. for fixing the SERVO-DRIVE distribution cable		

Front/base stabiliser			
	Colour	Material	
	R7037	K	Z96.10E1

Synchronisation cable		
	Length (mm)	
	80	Z10K008S
	1200	Z10K120S
Connects two drive units that need to open simultaneously		

Top bracket profile

Planning

Cabinet	Position of drive unit
	 <p>PL = LH - 10 mm</p> <p>Round down to the nearest tenth</p> <p>LH Internal cabinet height</p> <p>PL Bracket profile length</p> <p>A Distance between bottom edge of cabinet profile and bottom edge of drive unit</p> <p>E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile</p>

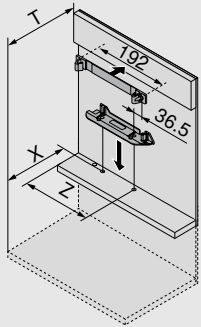
Position – drive unit – box systems										
Box system	Back	Back height	Internal cabinet width LW (mm)							
			242–266		267–286		287–316		≥ 317	
			A	E min.	A	E min.	A	E min.	A	E min.
LEGRABOX	Chipboard back	N	–	–	45	61	45	61	45	61
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M C D	35	64	35	64	35	64	35	64
A Distance between bottom edge of cabinet profile and bottom edge of drive unit										
E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile										
– Not possible										

Position – drive unit – runner systems							
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E Distance between bottom edge of cabinet top panel and fixing position of runner							
– Not possible							



Top bracket profile

Drilling distances – cabinet base | cross member



Drawer back – box systems		X (mm)	T (mm)
Chipboard back		NL + 19	NL + 34
NL	Nominal length	NL + 2	NL + 17
T	Position front edge – cross member		
X	Drilling position		
Z	Dimension of engagement		
Drawer back – runner systems		X (mm)	Y (mm)
≥ 79		NL + 16	NL + 31

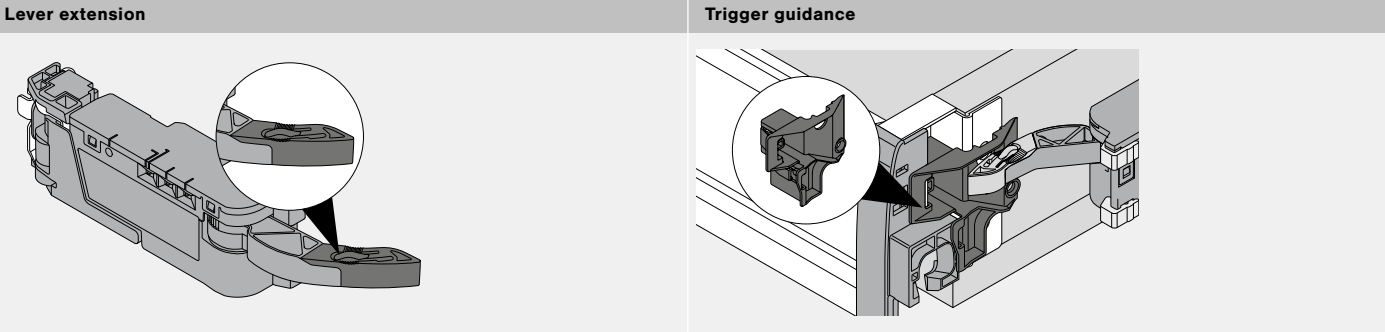
Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	×	–	–	174	●	–
		M K E	–	–	–	174	×	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	×	●	179	●	●	–	179	●	●
		M C D	179	×	●	179	●	●	–	179	●	●

Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M C D	179	●	○	LW / 2	●	○

LW	Internal cabinet width	○	Not required
Z	Dimension of engagement	–	Not possible
●	Required	×	Remove



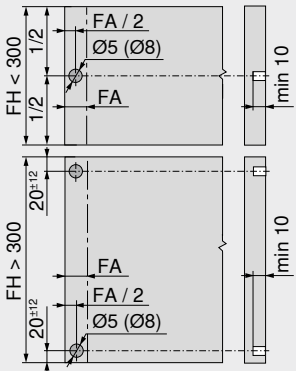
Top bracket profile



Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

Space requirement and safety distance – power supply unit housing		
		Please note Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.
Base fixing	Back panel/wall fixing	

Front assembly – position – Blum distance bumper

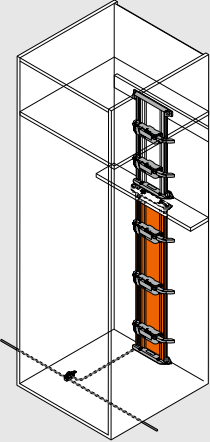
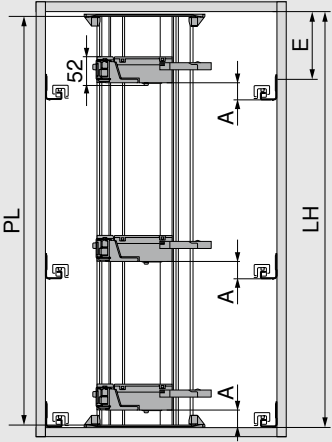


The Blum distance bumper ensures the required trigger path of 2 mm

Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	



Bottom bracket profile

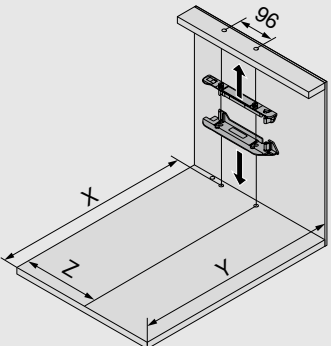
Cabinet	Position of drive unit
	
	PL = LH - 10 mm
	Round down to the nearest tenth
	LH Internal cabinet height
	PL Bracket profile length
	A Distance between bottom edge of cabinet profile and bottom edge of drive unit
	E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile

Position – drive unit – box systems										
Box system	Back	Back height	Internal cabinet width LW (mm)							
			242–266		267–286		287–316		≥ 317	
			A	E min.	A	E min.	A	E min.	A	E min.
LEGRABOX	Chipboard back	N	–	–	45	61	45	61	45	61
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M C D	35	64	35	64	35	64	35	64
A Distance between bottom edge of cabinet profile and bottom edge of drive unit										
E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile										
– Not possible										

Position – drive unit – runner systems							
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)					
		224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A		Distance between bottom edge of cabinet profile and bottom edge of drive unit					
E		Distance between bottom edge of cabinet top panel and fixing position of runner					
–		Not possible					



Bottom bracket profile

Drilling distances – cabinet base cross member			
	Drawer back – box systems		
	Chipboard back	X (mm)	Y (mm)
	NL Nominal length	NL + 19	NL + 33
	X Drilling position		
	Y Min. space requirement		
	Z Dimension of engagement		
Drawer back – runner systems		X (mm)	Y (mm)
≥ 79		NL + 16	NL + 30

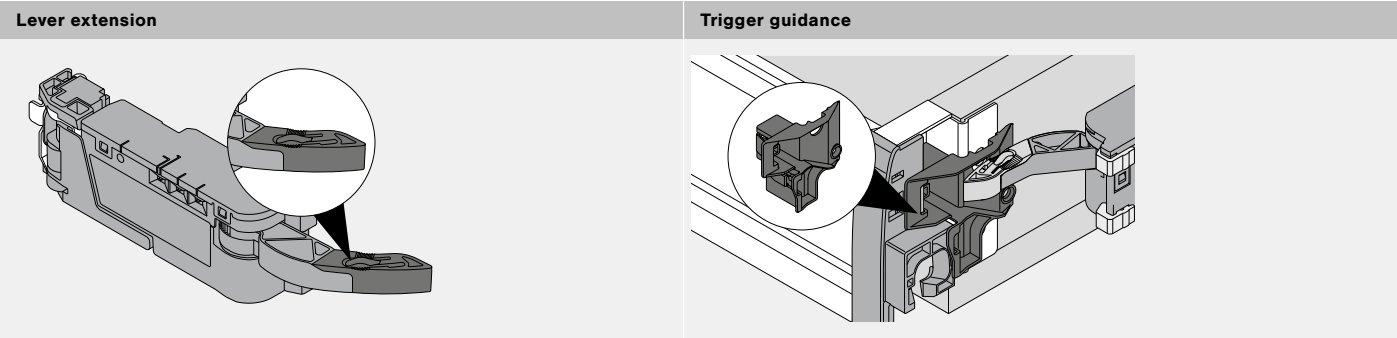
Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	×	–	–	174	●	–
		M K E	–	–	–	174	×	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	×	●	179	●	●	–	179	●	●
		M C D	179	×	●	179	●	●	–	179	●	●

Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M C D	179	●	○	LW / 2	●	○

LW Internal cabinet width	○ Not required
Z Dimension of engagement	– Not possible
● Required	✕ Remove



Bottom bracket profile



Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●

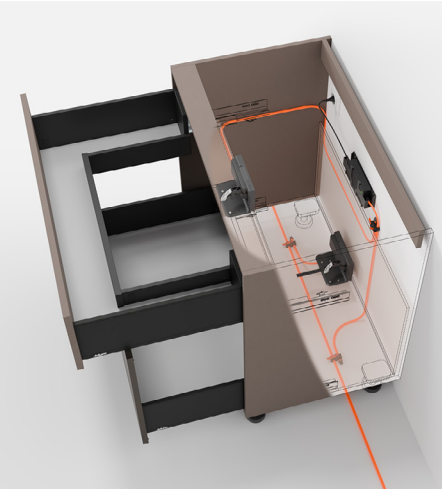
LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible

Space requirement and safety distance – power supply unit housing		
		<p>Please note</p> <p>Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.</p>
Base fixing	Back panel/wall fixing	

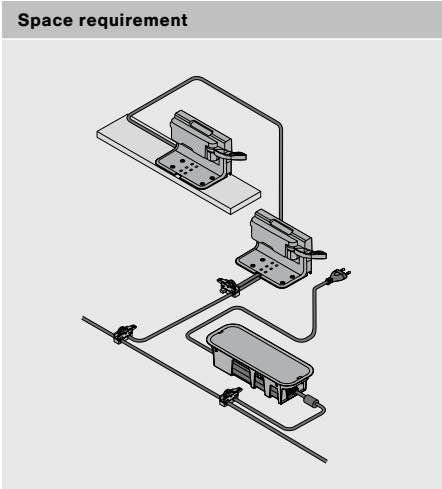
Front assembly – position – Blum distance bumper							
	<p>The Blum distance bumper ensures the required trigger path of 2 mm</p> <table><tr><th>Front height FH (mm)</th><th>Blum distance bumper (pcs)</th></tr><tr><td>Up to 300</td><td>2</td></tr><tr><td>From 301</td><td>4</td></tr></table> <p>FA Front overlay FH Front height</p>	Front height FH (mm)	Blum distance bumper (pcs)	Up to 300	2	From 301	4
Front height FH (mm)	Blum distance bumper (pcs)						
Up to 300	2						
From 301	4						



Sink cabinet



- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With attachment bracket
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick installation of pre-assembled parts



Ordering information

	Blum distance bumper		
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For LEGRABOX/MERIVOBX 70 kg cabinet profile, use 4 pcs			
For TANDEMBOX 65 kg cabinet profile, use 4 pcs			

	Attachment bracket 1 tier		
	Colour	Material	
	TGR	K	Z10D0311

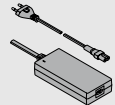
	Drive unit		
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

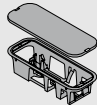
	Drip protection feature for attachment bracket 1 tier		
	Colour	Material	
	TGR	K	Z10D0316

	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			

	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

Sink cabinet

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Power supply unit housing			
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

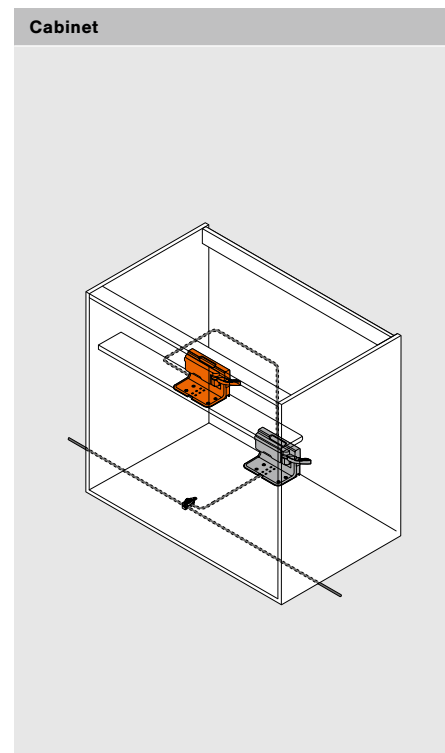
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	TGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

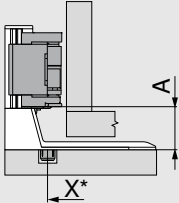
Accessories

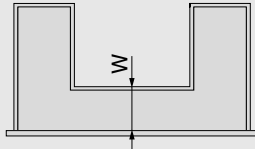
Cable holder			
	Colour	Material	
	WS	K	Z10K0009
	E.g. for fixing the SERVO-DRIVE distribution cable		

Front/base stabiliser			
	Colour	Material	
	R7037	K	Z96.10E1

Cross member – attachment bracket 1 tier



Cross member – attachment bracket 1 tier			
		X	Drilling position
		A	Distance between bottom edge of attachment bracket and bottom edge of drive unit
		*	Measured from cabinet front edge
Box system	Back	Back height	A (mm)
LEGRABOX	Centre piece	N M K C F	45
MERIVOBX	Centre piece	N	28
		M K E	45
TANDEMBOX	Centre piece	N	28
		M C D	35
Runner system	Drawer height SKH (mm)		A (mm)
MOVENTO	≥ 79		35
TANDEM	≥ 79		35

Recommendation	
	W Distance between front edge of drawer base and centre piece
	W = NL outer drawer side - NL inner drawer side
	LEGRABOX: min. 150 mm
	MERIVOBX: min. 150 mm
	TANDEMBOX: min. 100 mm
Runner systems: min. 100 mm	
NL Nominal length	

Cross member – attachment bracket 1 tier

Box system	Back	Back height	Internal cabinet width LW (mm)	
			≥ 387	
			External nominal length NL (mm)	
			450–650*	
			X (mm)	Z (mm)
LEGRABOX	Centre piece	N M K C F	W + 27	LW / 2
MERIVOBX	Centre piece	N M K E	W + 27	LW / 2
TANDEMBOX	Centre piece	N M C D	W + 27	LW / 2

* 600 for MERIVOBX

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)	
		≥ 429	
		X (mm)	Z (mm)
		W + 24	LW / 2
MOVENTO	≥ 79	W + 24	LW / 2
TANDEM	≥ 79	W + 24	LW / 2

BT Drilling depth

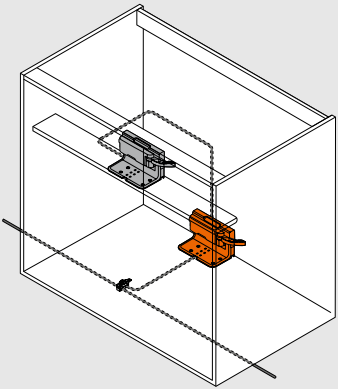
X Drilling position

Z Dimension of engagement



Cabinet base – attachment bracket 1 tier

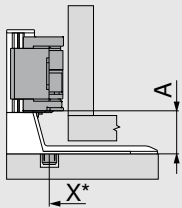
Cabinet



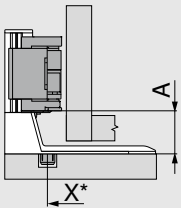
Cabinet base – attachment bracket 1 tier – box systems

Chipboard back

LEGRABOX



MERIVOBX/TANDEMBOX



X Drilling position

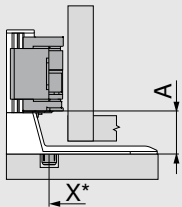
A Distance between bottom edge of attachment bracket and bottom edge of drive unit

* Measured from cabinet front edge

Box system	Back	Back height	LW (mm)
			A (mm)
LEGRABOX	Chipboard back	N M K C F	45
MERIVOBX	Chipboard back	N	28
		M K E	45
TANDEMBOX	Chipboard back	N	28
		M C D	35

LW Internal cabinet width

Cabinet base – attachment bracket 1 tier – runner systems



X Drilling position

A Distance between bottom edge of attachment bracket and bottom edge of drive unit

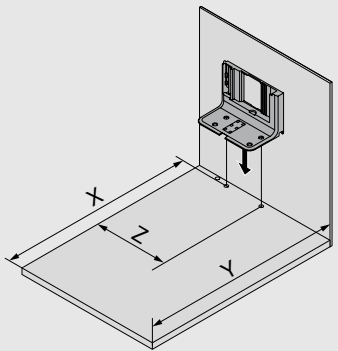
* Measured from cabinet front edge

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)
		A (mm)
MOVENTO	≥ 79	≥ 429
		35
TANDEM	≥ 79	35



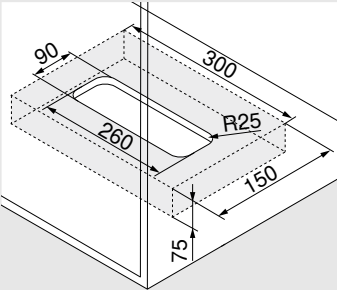
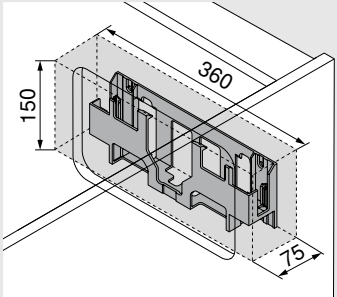
Cabinet base – attachment bracket 1 tier

Cabinet base – attachment bracket 1 tier



Back		X (mm)	Y (mm)	Z (mm)
Chipboard back	LEGRABOX MERIVOBX TANDEMBOX	NL + 19	NL + 35	LW / 2
	MERIVOBX – cabinet profile with over extension	NL - 31	NL + 3	LW / 2
Drawer height SKH (mm)		X (mm)	Y (mm)	Z (mm)
≥ 79		NL + 16	NL + 30	LW / 2
LW Internal cabinet width				
NL Nominal length				
X Drilling position				
Y Min. space requirement				
Z Dimension of engagement				

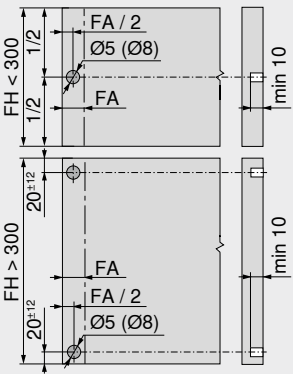
Space requirement and safety distance – power supply unit housing



Please note

Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

Front assembly – position – Blum distance bumper

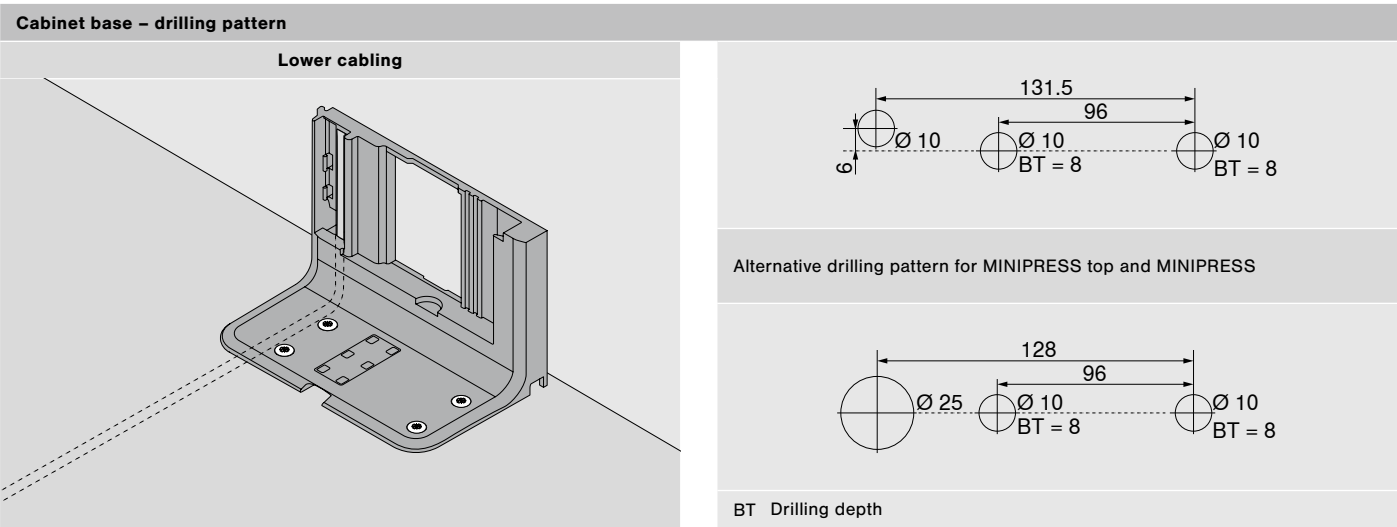


The Blum distance bumper ensures the required trigger path of 2 mm

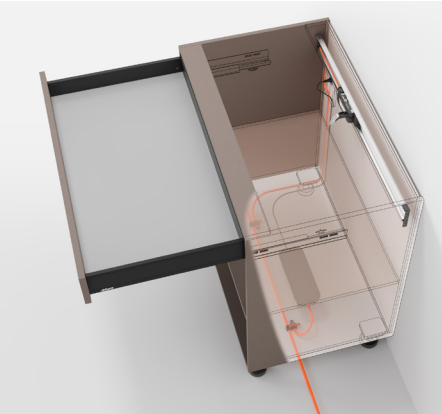
Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	



Cabinet base – attachment bracket 1 tier

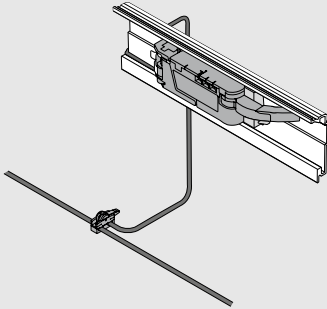


Cabinet with single drawer – horizontal bracket profile



- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With horizontal bracket profile
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick installation of pre-assembled parts

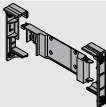
Space requirement

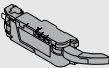


Ordering information

	Blum distance bumper		
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For LEGRABOX/MERIVOBX 70 kg cabinet profile, use 4 pcs			
For TANDEMBOX 65 kg cabinet profile, use 4 pcs			

	Horizontal bracket profile		
	Length (mm)	Material	
	1143	Alu	Z10T1143B
For cabinet width KB 275–1200 mm			
Cutting:	Internal cabinet width LW – 19 mm		

	Horizontal bracket profile attachment		
	Colour	Material	
	TGR	K	Z10D5210
Consisting of:			
1x bracket profile attachment left/right			
1x bracket profile adapter for drive unit			
Chipboard screws and system screws can be used			

	Drive unit		
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

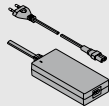
	Trigger guidance for TANDEMBOX		
	Colour	Material	
	R7037	K	Z10A3H00
Chipboard back			
Required for an LW of 242–316 mm			

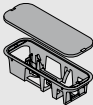
SERVO-DRIVE distribution cable and cable end protector			
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			



Cabinet with single drawer – horizontal bracket profile

Connecting node and cable end protector			
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Power supply unit housing		
	Base fixing	
	Colour	Material
	TGR	K
		Z10NG000
Incl. cover		
For SERVO-DRIVE power supply unit		

Alternative

Power supply unit housing		
	Back panel/wall fixing	
	Colour	Material
	WGR	K
		Z10NG120
For SERVO-DRIVE power supply unit		

Accessories

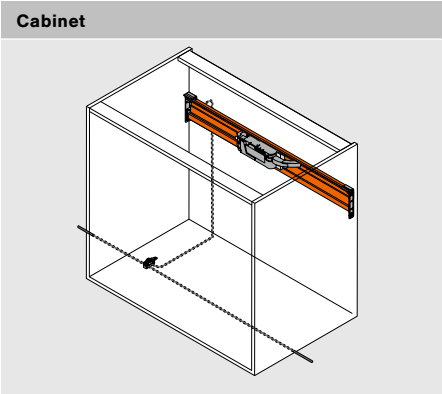
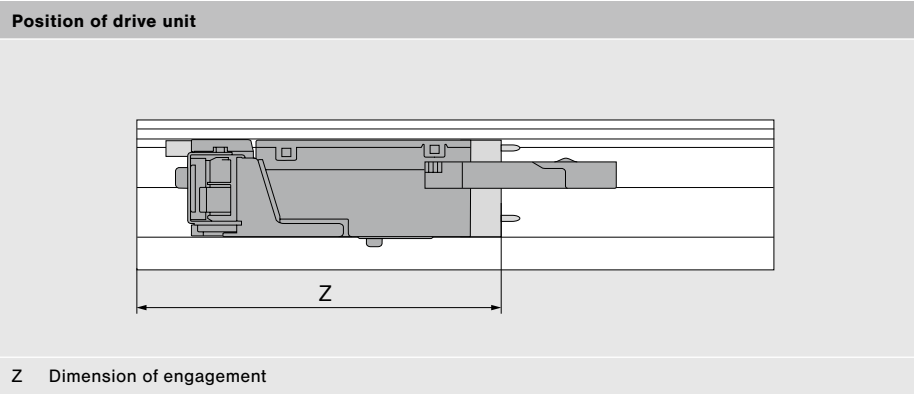
Cable holder		
	Colour	Material
	WS	K
		Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable		

Front/base stabiliser		
	Colour	Material
	R7037	K
		Z96.10E1



Cabinet with single drawer – horizontal bracket profile

Planning



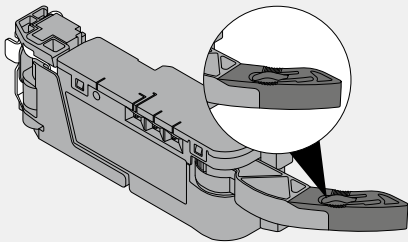
Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	–	–	–	–	193	×	–
		M K C F	–	–	–	182	●	–	○	182	●	–
MERIVOBX	Chipboard back	N	–	–	–	177	×	–	–	177	●	–
		M K E	–	–	–	177	×	–	–	177	●	–
TANDEMBOX	Chipboard back	N	–	–	–	–	–	–	–	193	×	○
		M C D	182	×	●	182	×	●	○	182	●	●

Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	193	●	–	LW / 2	●	–
		M K C F	182	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	177	●	–	LW / 2	●	–
		M K E	177	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	193	●	○	LW / 2	●	○
		M C D	182	●	○	LW / 2	●	○

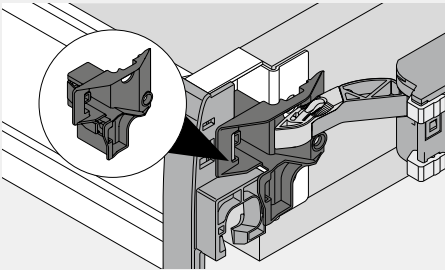
LW	Internal cabinet width	○	Not required
Z	Dimension of engagement	–	Not possible
●	Required	×	Remove

Cabinet with single drawer – horizontal bracket profile

Lever extension

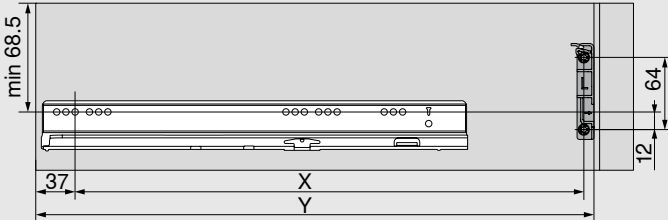


Trigger guidance

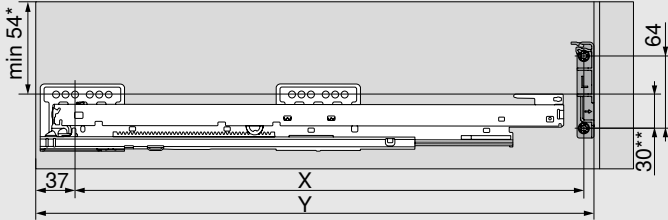


Drilling distances

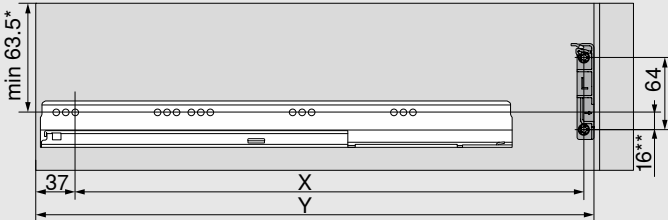
LEGRABOX



MERIVOBX



TANDEMBOX



Back

X (mm)

Y (mm)

Chipboard back

NL - 9

NL + 37

NL Nominal length

X Drilling position

Y Min. space requirement

* 32 mm for back height N

45 mm for back height N

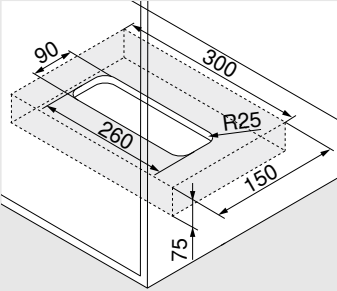
* 55 mm for back height N

** 24 mm for back height N

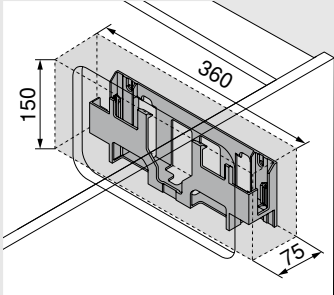
Cabinet with single drawer – horizontal bracket profile

Space requirement and safety distance – power supply unit housing

Base fixing



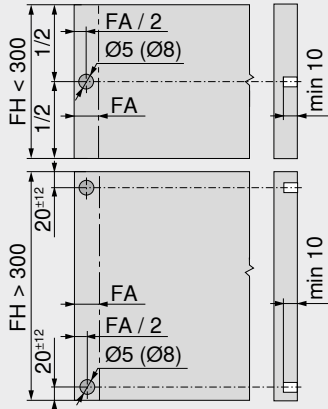
Back panel/wall fixing



Please note

Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

Front assembly – position – Blum distance bumper



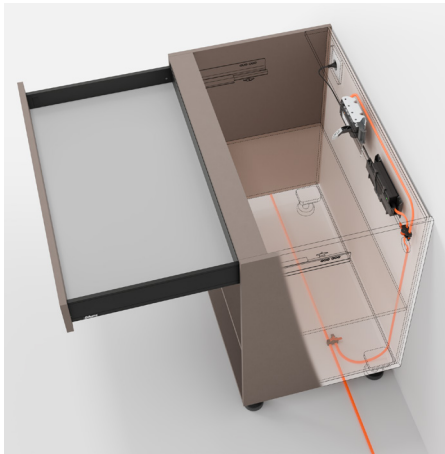
The Blum distance bumper ensures the required trigger path of 2 mm

Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4

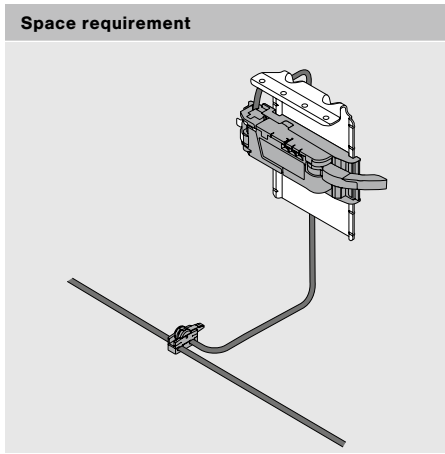
FA Front overlay

FH Front height

Cabinet with single drawer – upper attachment bracket

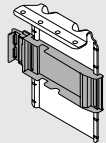


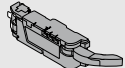
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With upper attachment bracket
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick installation of pre-assembled parts



Ordering information

	Blum distance bumper		
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For LEGRABOX/MERIVOBX 70 kg cabinet profile, use 4 pcs			
For TANDEMBOX 65 kg cabinet profile, use 4 pcs			

	Upper attachment bracket		
	Colour	Material	
	TGR/ZN	Steel	Z10D6252
Includes pre-mounted adapter for drive unit			

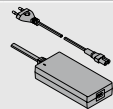
	Drive unit		
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

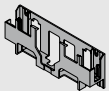
	Trigger guidance for TANDEMBOX		
	Colour	Material	
	R7037	K	Z10A3H00
Chipboard back			
Required for an LW of 242–316 mm			

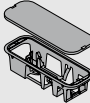
	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			

	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

Cabinet with single drawer – upper attachment bracket

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

	Power supply unit housing		
	Back panel/wall fixing		
	Colour	Material	
	WGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

	Power supply unit housing		
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

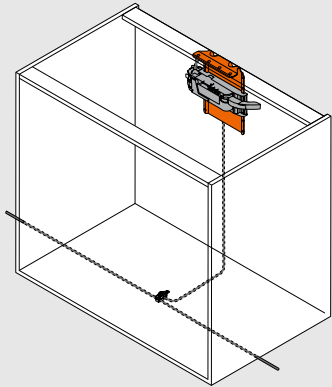
	Cable holder		
	Colour	Material	
	WS	K	Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			

	Front/base stabiliser		
	Colour	Material	
	R7037	K	Z96.10E1

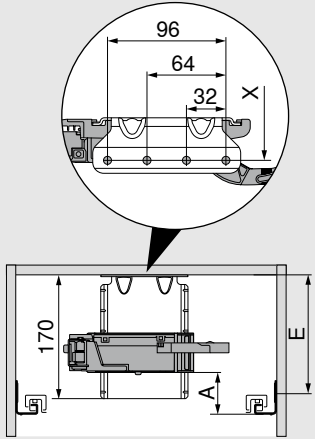
Cabinet with single drawer – upper attachment bracket

Planning

Cabinet



Position of drive unit



A

Distance between bottom edge of cabinet profile and bottom edge of drive unit

E

Distance between bottom edge of cabinet top panel and fixing position of cabinet profile

X

Drilling position

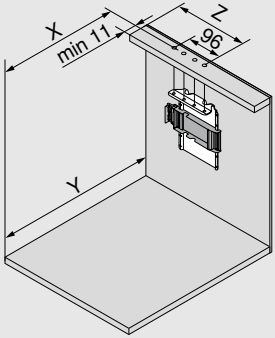
The cross member must be securely fixed to the worktop area

Position – drive unit – box systems														
Box system	Back	Back height	Internal cabinet width LW (mm)											
			242–266			267–286			287–316			≥ 317		
			A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)
LEGRABOX	Chipboard back	N	–	–	–	–	–	–	45	84	174	45	84	174
		M K C F	–	–	–	45	84	174	45	84	174	45	84	174
MERIVOBX	Chipboard back	N	–	–	–	28	50	139	28	50	139	28	50	139
		M K E	–	–	–	45	67	157	45	67	157	45	67	157
TANDEMBOX	Chipboard back	N	35	79	180	35	79	180	35	79	180	28	79	180
		M C D	35	79	180	35	79	180	35	79	180	35	79	180
A Distance between bottom edge of cabinet profile and bottom edge of drive unit														
E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile														
– Not possible														

Cabinet with single drawer – upper attachment bracket

Position – drive unit – runner systems										
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)								
		2242284234			235–428			≥ 429		
		A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)	A (mm)	E min. (mm)	E max. (mm)
MOVENTO	≥ 79	–	–	–	60	100	190	35	75	165
TANDEM	≥ 79	55	96	187	55	96	187	35	75	167
A		Distance between bottom edge of cabinet profile and bottom edge of drive unit								
E		Distance between bottom edge of cabinet top panel and fixing position of runner								
LW		Internal cabinet width								
–		Not possible								

Drilling distances for box systems



Back

Chipboard back

NL Nominal length

X Drilling position

Y Min. space requirement

Z Dimension of engagement

	X (mm)	Y (mm)
Chipboard back	NL - 1	NL + 34

Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✕	–	–	174	●	–
		M K E	–	–	–	174	✕	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✕	●	179	●	●	–	179	●	●
		M C D	179	✕	●	179	●	●	–	179	●	●
LW Internal cabinet width					○ Not required							
Z Dimension of engagement					– Not possible							
● Required					✕ Remove							

Cabinet with a single drawer – upper attachment bracket

Box system	Back	Back height	Internal cabinet width LW (mm)					
			317–386			≥ 387		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	184	●	–	LW / 2	●	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M C D	179	●	○	LW / 2	●	○

LW Internal cabinet width

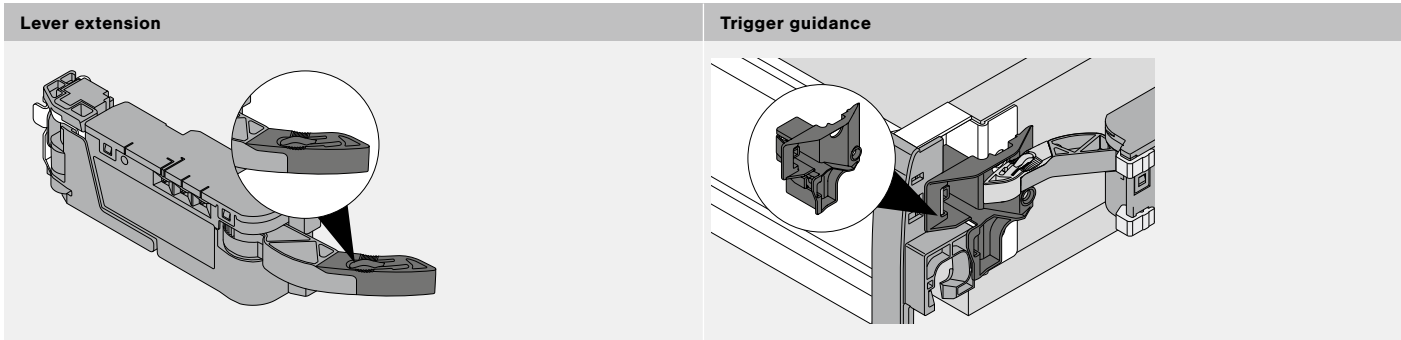
Z Dimension of engagement

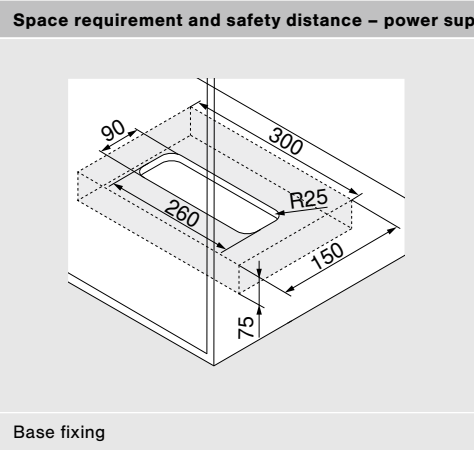
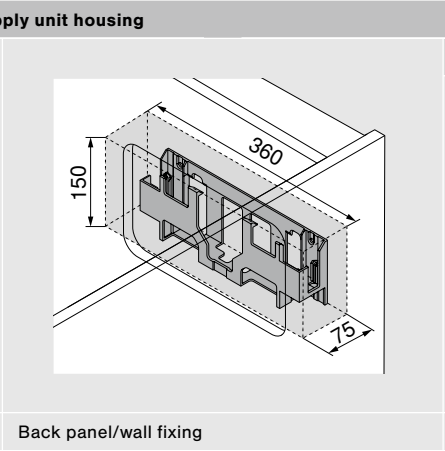
● Required

○ Not required

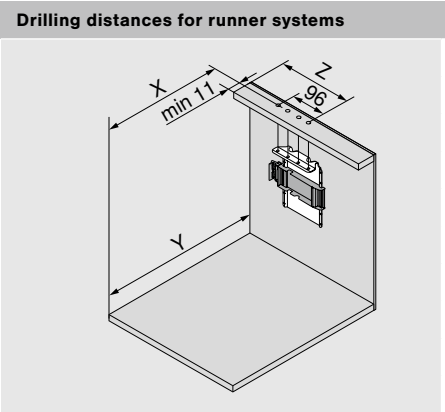
– Not possible

✕ Remove

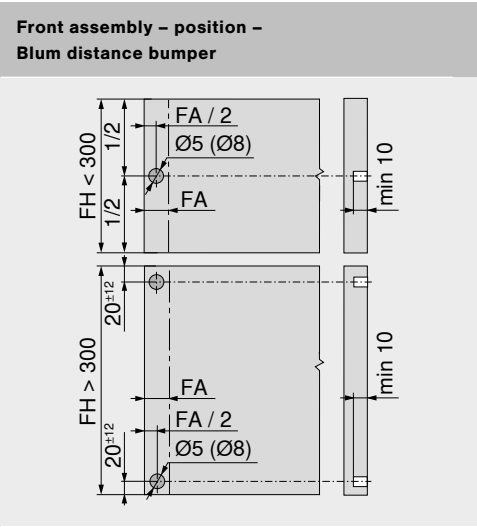


Space requirement and safety distance – power supply unit housing		
		<div><div>Please note</div><div>Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.</div></div>
Base fixing	Back panel/wall fixing	

Cabinet with a single drawer – upper attachment bracket

Drilling distances for runner systems			
	Drawer height SKH (mm)		
	≥ 79		
	NL Nominal length		
	X Drilling position		
	Y Min. space requirement		
	Z Dimension of engagement		
		X (mm)	Y (mm)
		NL – 5	NL + 30

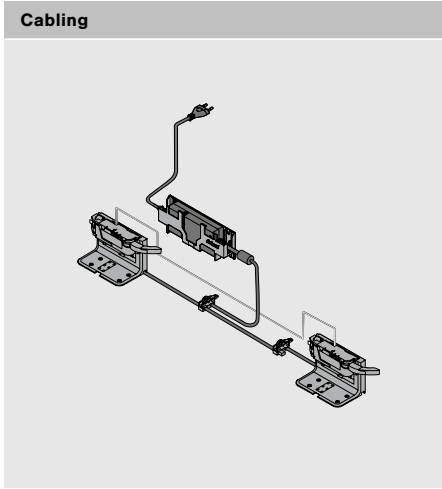
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

Front assembly – position – Blum distance bumper	
	
The Blum distance bumper ensures the required trigger path of 2 mm	
Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	

Two drawers with a single front



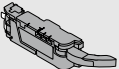
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- Synchronised triggering of two drawers and/or wide applications
- With attachment bracket
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick installation of pre-assembled parts



Ordering information

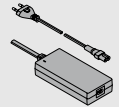
Blum distance bumper			
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			

Attachment bracket 1 tier			
	Colour	Material	
	TGR	K	Z10D0311
For 1 drive unit			

Drive unit			
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

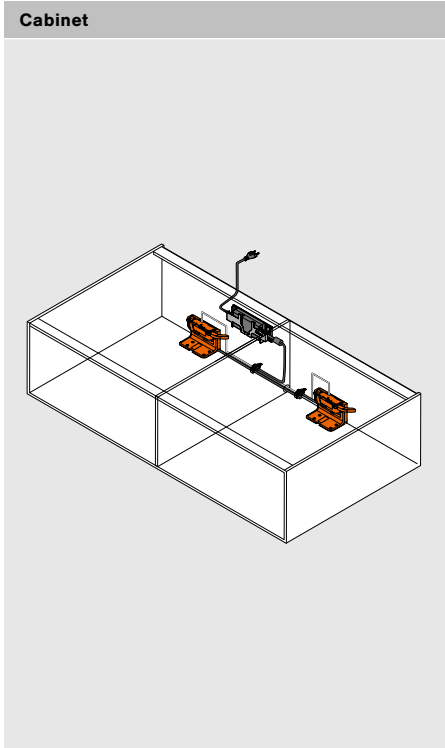
SERVO-DRIVE distribution cable and cable end protector			
	Colour	Length (m)	
	SZ	8	Z10K800AE
Consisting of:			
1x SERVO-DRIVE distribution cable			
5x cable end protectors			
For cutting to size			
Can be used as distribution, bracket profile and communication cable			

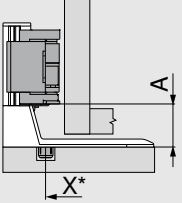
Two drawers with a single front

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
k	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Synchronisation cable		
	Length (mm)	
	80	Z10K008S
	1200	Z10K120S
Connects two drive units that need to open simultaneously		

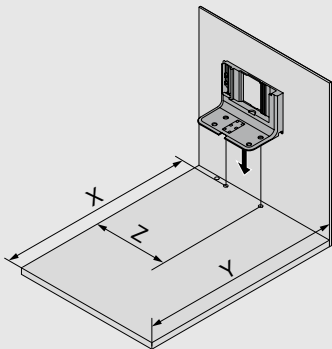
Planning



Cabinet base – attachment bracket 1 tier		
		X Drilling position
		A Distance between bottom edge of attachment bracket and bottom edge of drive unit
		* Measured from cabinet front edge
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)
		≥ 429
		A (mm)
MOVENTO	≥ 79	35
TANDEM	≥ 79	35

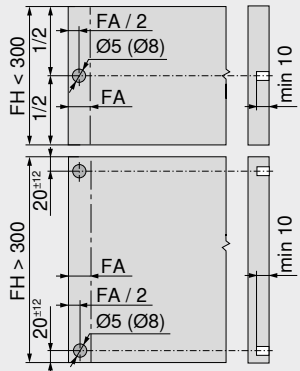
Two drawers with a single front – attachment bracket 1 tier

Cabinet base – attachment bracket 1 tier



Drawer height SKH (mm)	X (mm)	Y (mm)	Z (mm)
≥ 79	NL + 16	NL + 30	LW / 2
LW Internal cabinet width			
NL Nominal length			
X Drilling position			
Y Min. space requirement			
Z Dimension of engagement			

Front assembly – position – Blum distance bumper



The Blum distance bumper ensures the required trigger path of 2 mm

Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	

Two drawers with a single front – attachment bracket 1 tier

Cabinet base – drilling pattern

Lower cabling

Ø 10 BT = 8

Back cabling

Ø 10 BT = 8

Alternative drilling pattern for MINIPRESS top and MINIPRESS

Ø 25 Ø 10 BT = 8 Ø 10 BT = 8

BT Drilling depth

Space requirement and safety distance – power supply unit housing

Base fixing

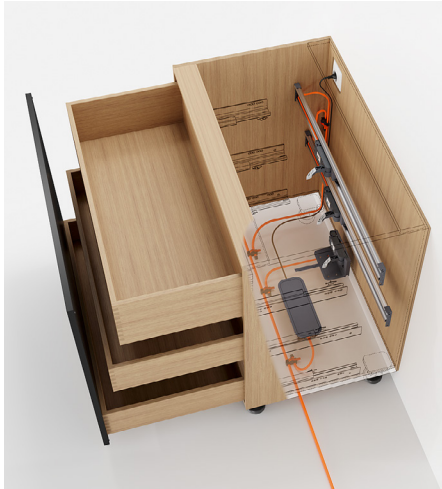
Back panel/wall fixing

Please note

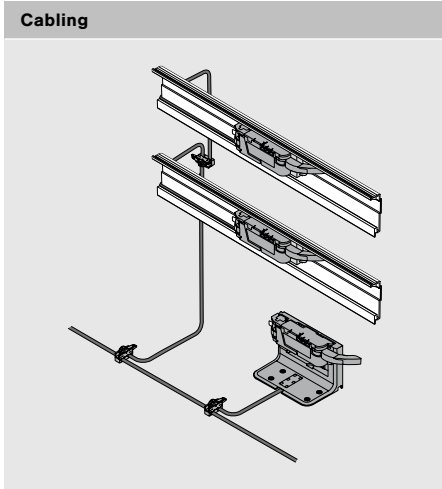
Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat.

The dimensions in the drawing take the safety distance into account.

Cabinet with different drawer depths/inner drawer

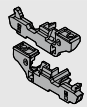


- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With attachment bracket and horizontal bracket profile
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick installation of pre-assembled parts

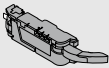


Ordering information

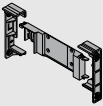
	Blum distance bumper		
	Ø (mm)	Colour	
	5	TGR	993.0530
	8	TGR	993.0830.01
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			

	Depth adjustment – inner drawer	
	MOVENTO	298.7600
Only for inset applications		
Integrated Blum distance bumper		
Suitable for T51.7601 locking device		

	Attachment bracket 1 tier	
	Colour	Material
	TGR	K
Z10D0311		
For 1 drive unit		

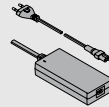
	Drive unit	
	Colour	Material
	TGR	K
Z10A3000.04		
Incl. pre-mounted lever extension		

	Horizontal bracket profile	
	Length (mm)	Material
	1143	Alu
Z10T1143B		
For cabinet width KB 275–1200 mm		
Cutting:	Internal cabinet width LW – 19 mm	

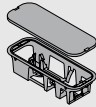
	Horizontal bracket profile attachment	
	Colour	Material
	TGR	K
Z10D5210		
Consisting of:		
1x bracket profile attachment left/right		
1x bracket profile adapter for drive unit		
Chipboard screws and system screws can be used		

	SERVO-DRIVE distribution cable and cable end protector	
	Colour	Length (m)
	SZ	8
Z10K800AE		
Consisting of:		
1x SERVO-DRIVE distribution cable		
5x cable end protectors		
For cutting to size		
Can be used as distribution, bracket profile and communication cable		

Cabinet with different drawer depths/inner drawer

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

	Connecting node and cable end protector	
	Colour	Material
	SZ	K
Z10V100E.01		
Consisting of:		
1x connecting node		
2x cable end protectors		

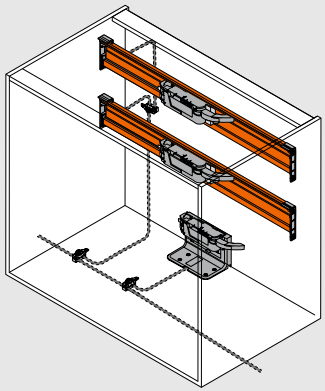
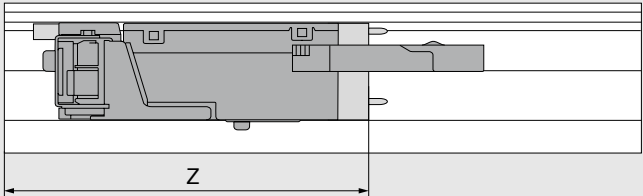
	Power supply unit housing	
	Base fixing	
	Colour	Material
	TGR	K
Z10NG000		
Incl. cover		
For SERVO-DRIVE power supply unit		

	Power supply unit housing	
	Back panel/wall fixing	
	Colour	Material
	WGR	K
Z10NG120		
For SERVO-DRIVE power supply unit		

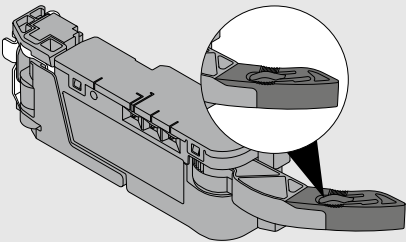
	Cable holder	
	Colour	Material
	WS	K
Z10K0009		
E.g. for fixing the SERVO-DRIVE distribution cable		

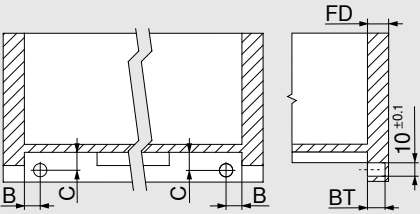
Cabinet with different drawer depths/inner drawer – horizontal bracket profile

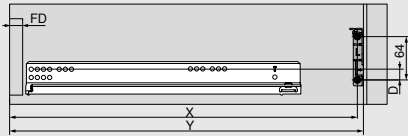
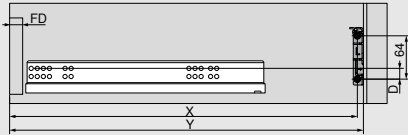
Planning

Cabinet	Position – drive unit
	
	Z Dimension of engagement

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	167	–	167	●	167	●	LW / 2	●
TANDEM	≥ 79	167	–	167	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

Lever extension


Front assembly – position of Blum distance bumper			
			
TANDEM			
Inner drawer			
The Blum distance bumper ensures the required trigger path of 2 mm			
Runners	Type of extension	B (mm)	C (mm)
56xH	Full extension	16.5 ±1	12.0 +-1
Front thickness FD (mm)	Drilling depth BT (mm)	Adjustment range (mm)	
13.0	10.0	+1.75 / –0.25	
From 14.5	11.5	±1.75	

Drilling distances			
MOVENTO		Drawer height SKH (mm)	Y (mm)
		≥ 79	NL + FD + 36
		FD Front thickness	
		NL Nominal length	
		X Drilling position	
		Y Min. space requirement	
TANDEM		X (mm)	Y (mm)
		NL + FD + 26	NL + FD + 36
		Internal cabinet width LW (mm)	
		≥ 429	
Runner system		Drawer height SKH (mm)	D (mm)
MOVENTO		≥ 79	19
TANDEM		≥ 79	19
D Distance from cabinet profile fixing position to bracket profile attachment fixing position			

Cabinet

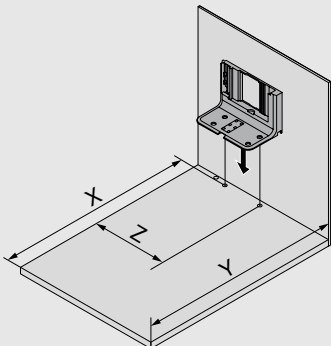
An isometric line drawing of a cabinet's interior. It shows two horizontal drawer runners mounted on the side walls. A single orange-colored drawer unit is shown at the bottom, connected to the runners by chains. The cabinet's front and side edges are indicated by thin lines.

Position – drive unit

A technical side-view diagram of a drive unit. It shows a vertical rectangular component with a horizontal base. Dimension 'X' is indicated by a horizontal arrow from the front edge of the cabinet to the center of the drive unit. Dimension 'A' is indicated by a vertical arrow from the bottom edge of the drive unit to the bottom edge of the attachment bracket.

- X Drilling position
- A Distance between bottom edge of attachment bracket and bottom edge of drive unit
- * Measured from cabinet front edge

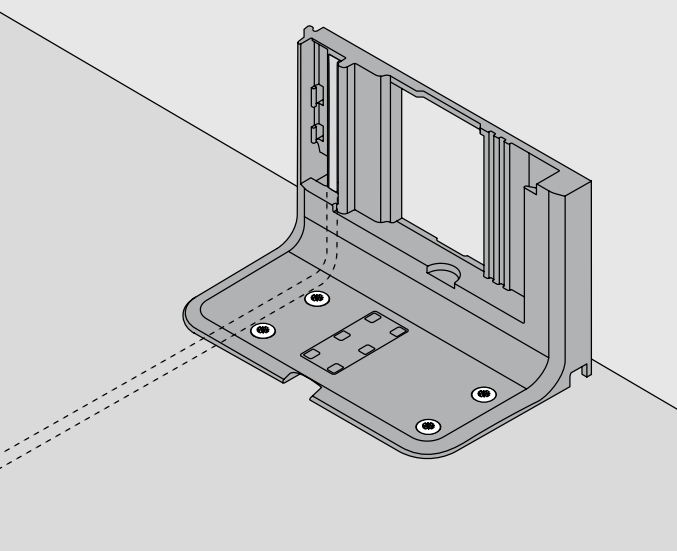
		Internal cabinet width LW (mm)
		≥ 429
Runner system	Drawer height SKH (mm)	A (mm)
MOVENTO	≥ 79	35
TANDEM	≥ 79	35

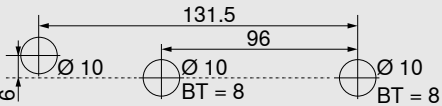
Drilling distances – cabinet base			
	Drawer height SKH (mm)	X (mm)	Y (mm)
	≥ 79	NL + 16	NL + 30
	LW Internal cabinet width		Z (mm)
	NL Nominal length		LW / 2
	X Drilling position		
	Y Min. space requirement		
	Z Dimension of engagement		

Cabinet with different drawer depths/inner drawer – horizontal bracket profile

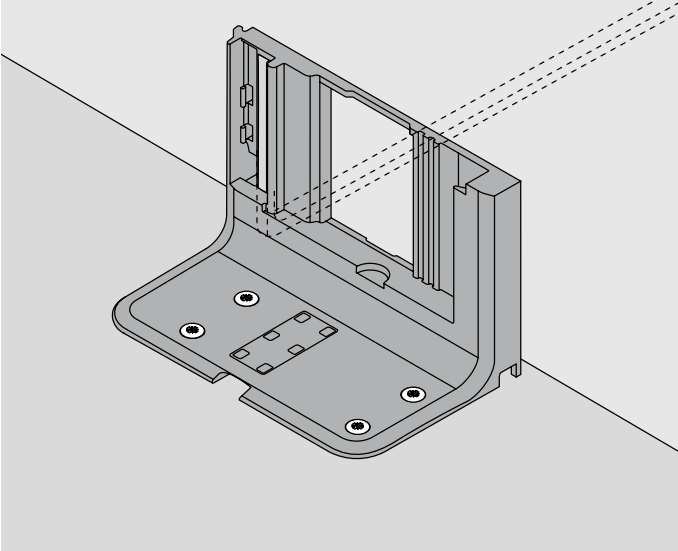
Cabinet base – drilling pattern

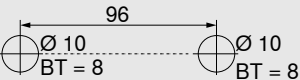
Lower cabling



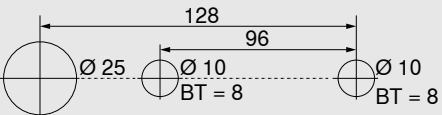


Back cabling



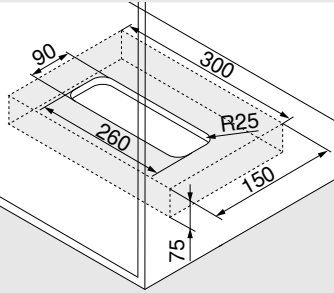


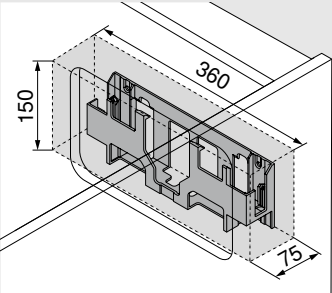
Alternative drilling pattern for MINIPRESS top and MINIPRESS



BT Drilling depth

Space requirement and safety distance – power supply unit housing

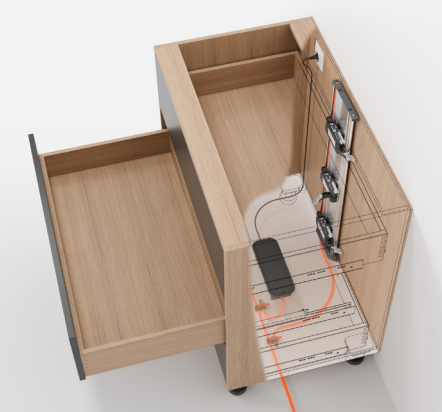




Please note

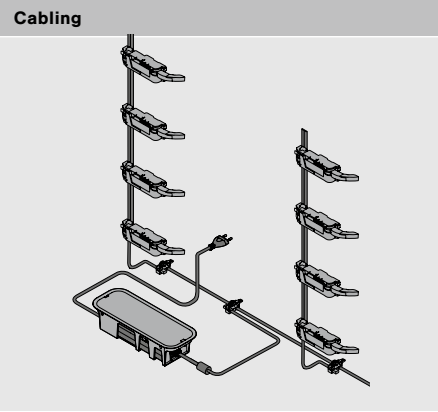
Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

Cabinet with inset fronts



- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With vertical bracket profile
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Tool-free drive unit assembly
- Simple cabling

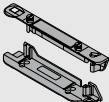
Cabling



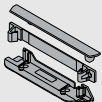
Ordering information

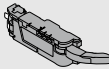
Depth adjustment – inner drawer		
	MOVENTO	298.7600
Only for inset applications		
Integrated Blum distance bumper		
Suitable for T51.7601 locking device		

Bracket profile		
	Bracket profile with SERVO-DRIVE distribution cable	
	Length (mm)	750
	Bracket profile without SERVO-DRIVE distribution cable	
	Length (mm)	1170
Aluminium for cutting to size		
Cutting:	Internal cabinet height LH - 10 mm	

Bracket profile attachment top/bottom		
	Horizontal cross member	
	Colour	Material
	TGR	K

Alternative to 3

Bracket profile attachment bottom/back		
	Vertical cross member	
	Colour	Material
	TGR	K

Drive unit		
	Colour	Material
	TGR	K

Incl. pre-mounted lever extension

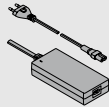
SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)
	SZ	8

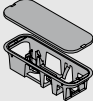
Consisting of:		
1x SERVO-DRIVE distribution cable		
5x cable end protectors		
For cutting to size		
Can be used as distribution, bracket profile and communication cable		

Connecting node and cable end protector		
	Colour	Material
	SZ	K

Consisting of:		
1x connecting node		
2x cable end protectors		

Cabinet with inset fronts

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Power supply unit housing			
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

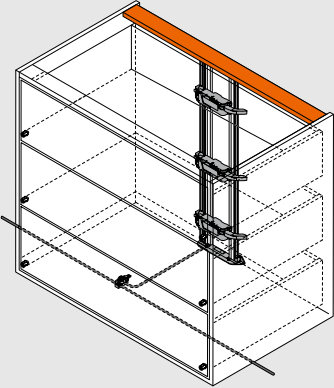
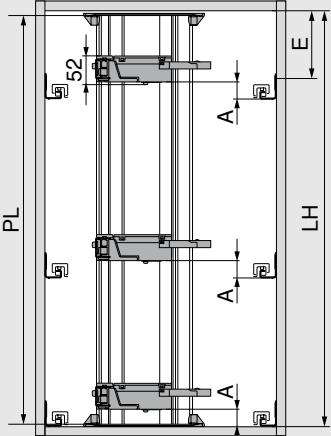
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	TGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

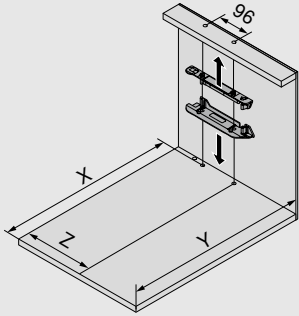
Cable holder			
	Colour	Material	
	WS	K	Z10K0009
	E.g. for fixing the SERVO-DRIVE distribution cable		

Cabinet with inset fronts

Planning

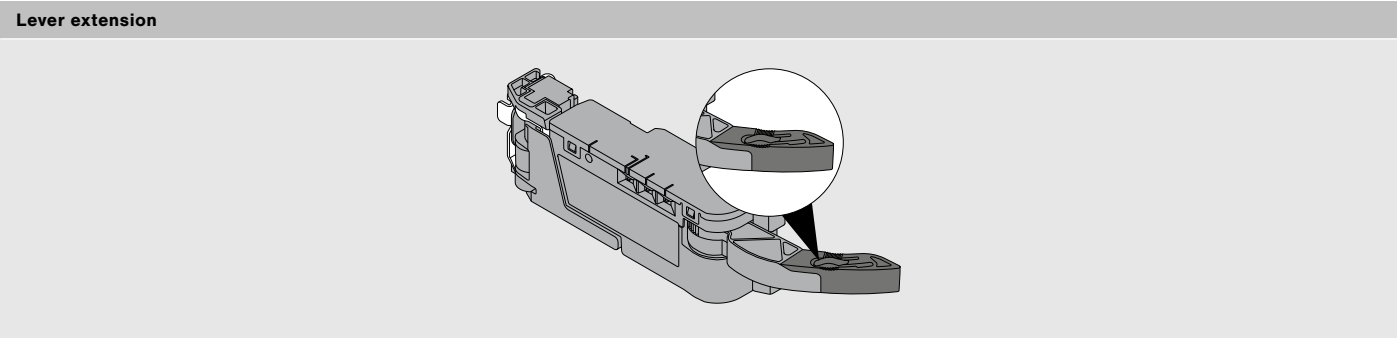
Cabinet	Position – drive unit
	
	<div>PL = LH – 10 mm</div> <div>Round down to the nearest tenth</div> <div>LH Internal cabinet height</div> <div>PL Bracket profile length</div> <div>A Distance between bottom edge of cabinet profile and bottom edge of drive unit</div> <div>E Distance between bottom edge of cabinet top panel and fixing position of runner</div>

Position – drive unit		Internal cabinet width LW (mm)					
Runner system	Drawer height SKH (mm)	224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E Distance between bottom edge of cabinet top panel and fixing position of runner							
– Not possible							

Drilling distances – cabinet base cross member			
	Back	X (mm)	Y (mm)
	≥ 79	NL + FD + 18	NL + FD + 34
FD Front thickness			
NL Nominal length			
X Drilling position			
Y Min. space requirement			
Z Dimension of engagement			

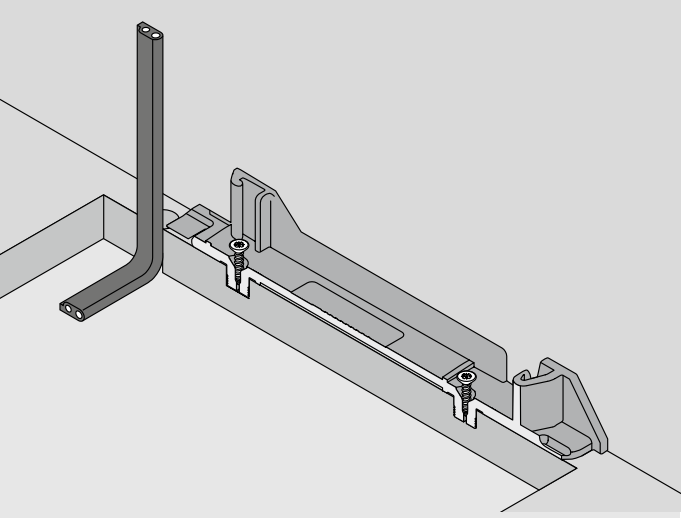
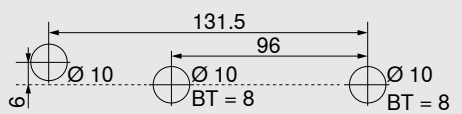
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●
LW Internal cabinet width									
Z Dimension of engagement									
● Required									
– Not possible									

Cabinet with inset fronts

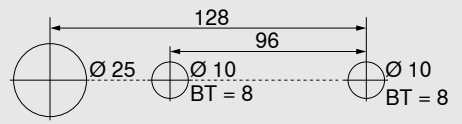


Cabinet base – drilling pattern

Lower cabling

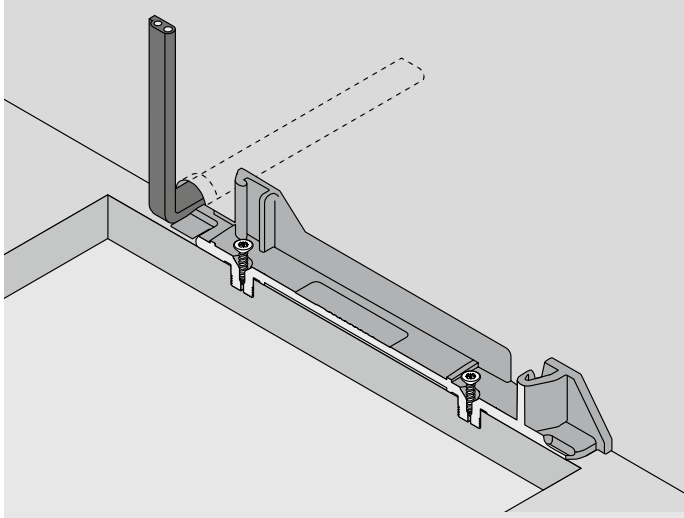
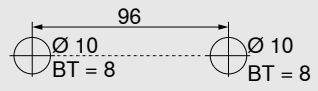


Alternative drilling pattern for MINIPRESS top and MINIPRESS



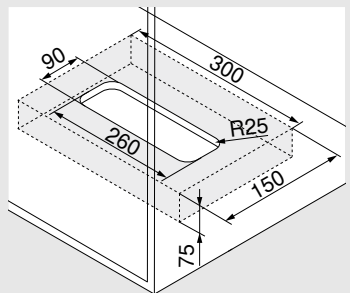
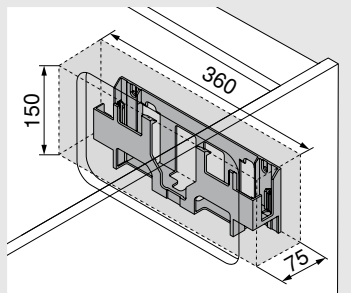
BT Drilling depth

Back cabling



Cabinet with inset fronts

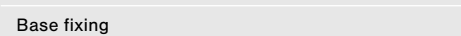
Space requirement and safety distance – power supply unit housing



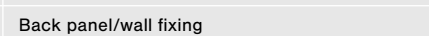
Please note

Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

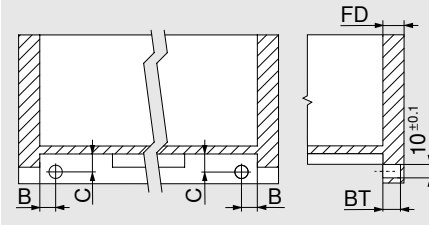
Base fixing



Back panel/wall fixing

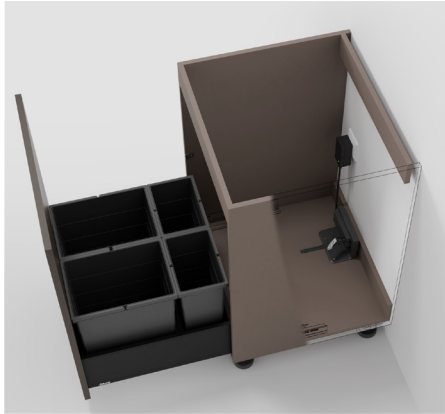


Front assembly – position of Blum distance bumper



TANDEM			
Inner drawer			
The Blum distance bumper ensures the required trigger path of 2 mm			
Runners	Type of extension	B (mm)	C (mm)
56xH	Full extension	16.5 ±1	12.0 +-1
Front thickness FD (mm)	Drilling depth BT (mm)	Adjustment range (mm)	
13.0	10.0	+1.75 / -0.25	
From 14.5	11.5	±1.75	

Bottom mount waste bin solution for box and runner systems



- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- Suitable for single applications
- For bottom mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick and simple installation of pre-assembled parts



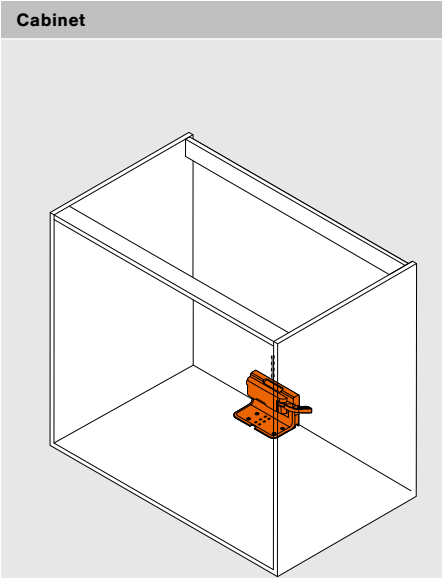
Ordering information

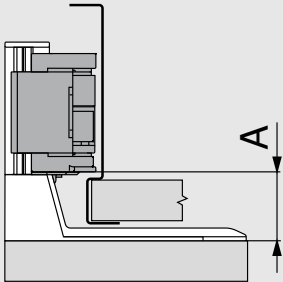
SERVO-DRIVE uno set			
	Network adapter	Language Package	
	K	I	Z10UB00KI

Network adapter	
	K
	See the Information chapter of the Blum catalogue for a detailed market list.

Pre-assembled set		
Consisting of:		
	2 x	Blum distance bumper
	1 x	Attachment bracket 1 tier
	1 x	Drive unit
	1 x	Transport protection
	1 x	Drip protection feature for attachment bracket 1 tier
	1 x	SERVO-DRIVE plug-in power supply unit
	1 x	Operating instructions
	1 x	Locating bracket
	7 x	Screws for Blum distance bumper and attachment bracket

Bottom mount waste bin solution for box and runner systems



Position – drive unit – box systems		
		
Box system	Internal cabinet width LW (mm)	
	≥ 387	
	A min. (mm)	A max. (mm)
LEGRABOX	45	47
MERIVOBX	28	45
TANDEMBOX	28	43
A Distance between bottom edge of runner and bottom edge of drive unit		

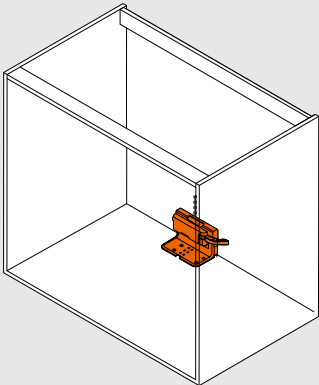
Position – drive unit – runner systems

Runner system	Internal cabinet width LW (mm)	
	≥ 429	
	A (mm)	
MOVENTO	35	
TANDEM	35	

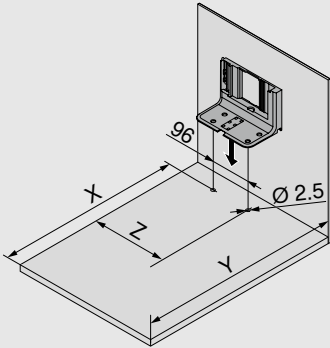
A Distance between bottom edge of attachment bracket and bottom edge of drive unit

Bottom mount waste bin solution for box and runner systems

Cabinet

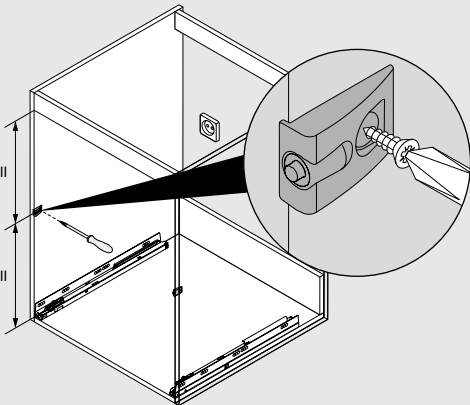


Drilling distances – cabinet base without locating bracket



Box systems	Internal cabinet width LW (mm)		
	≥ 387		
	X (mm)	Y (mm)	Z (mm)
Chipboard back	NL - 45	NL + 35	LW / 2
Runner system	Internal cabinet width LW (mm)		
	≥ 429		
	X (mm)	Y (mm)	Z (mm)
MOVENTO	NL - 48	NL + 30	LW / 2
TANDEM	NL - 48	NL + 30	LW / 2
NL Nominal length			
X Drilling position			
Y Min. space requirement			
Z Dimension of engagement			

Position – Blum distance bumper



The Blum distance bumper ensures the required trigger path of 2 mm

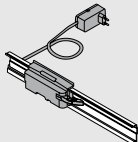
Top mount waste bin solution for TANDEMBOX



- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- Suitable for single applications
- For top mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection between the drive unit and drawer
- Drawer need not be modified
- Quick and simple installation of pre-assembled parts



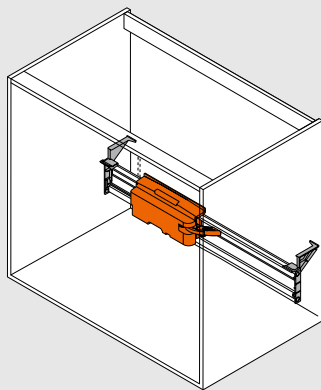
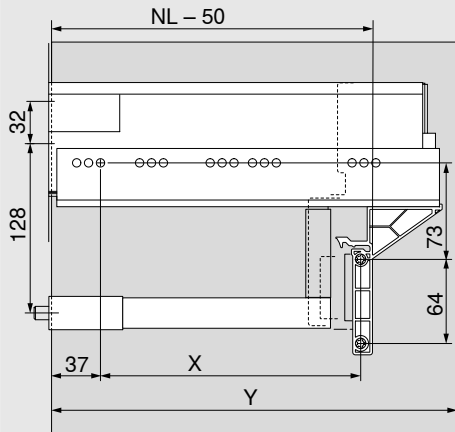
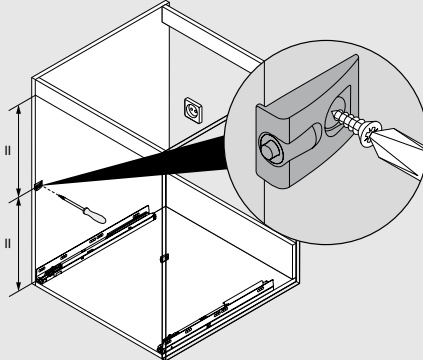
Ordering information

SERVO-DRIVE uno set					
	Cabinet width KB (mm)	Network adapter	Language package		
	450	K	I	EN	🔗 Z10UT45KI
	600	K	I	EN	🔗 Z10UT60KI
See the Information chapter of the Blum catalogue for a detailed market list.					
🔗 Item only available on request					
Pre-assembled set					

Consisting of:		
	2 x	Blum distance bumper
	1 x	Horizontal bracket profile
	1 x	Bracket profile adapter for drive unit
	1 x	Drive unit
	1 x	Left/right bracket profile attachment
	1 x	Drip protection feature for horizontal applications
	1 x	SERVO-DRIVE plug-in power supply unit
	6 x	Screws for Blum distance bumper
	1 x	Installation instructions
	1 x	Operating instructions

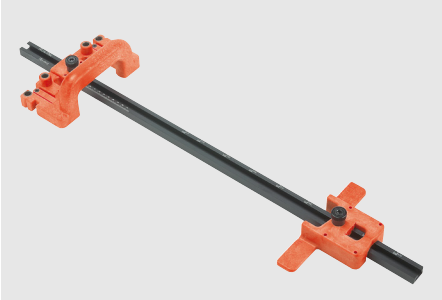
Top mount waste bin solution for TANDEMBOX

Planning

Cabinet	Position – bracket profile attachment	Position – Blum distance bumper											
													
	<table><tr><td rowspan="2">Box systems</td><td colspan="2">Cabinet width KB (mm)</td></tr><tr><td colspan="2">450–900</td></tr><tr><td></td><td>X (mm)</td><td>Y (mm)</td></tr><tr><td>TANDEMBOX</td><td>NL – 96</td><td>NL + 3</td></tr></table>	Box systems	Cabinet width KB (mm)		450–900			X (mm)	Y (mm)	TANDEMBOX	NL – 96	NL + 3	<p>The Blum distance bumper ensures the required trigger path of 2 mm</p> <p>When using a 65 kg TANDEMBOX cabinet profile, attach four Blum distance bumpers</p>
Box systems	Cabinet width KB (mm)												
	450–900												
	X (mm)	Y (mm)											
TANDEMBOX	NL – 96	NL + 3											
NL Nominal length													
X Drilling position													
Y Min. space requirement													

Assembly devices

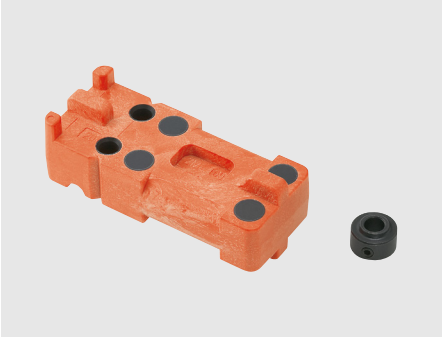
Drilling template for SERVO-DRIVE bracket profile attachment



– Template for marking or pre-drilling the fixing positions for the SERVO-DRIVE bracket profile attachment and attachment bracket

Ordering information
ZML.1150.03

Drilling template for Blum distance bumper



– Template for bumper drilling on the unattached and attached front

Ordering information
ZML.1090



SERVO-DRIVE for box and runner systems/
SERVO-DRIVE uno

Assembly, adjustment and removal
blum.com/sdr9



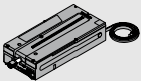
For information about SERVO-DRIVE AVENTOS, go to:
blum.com/sdr10



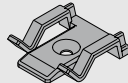
SERVO-DRIVE flex

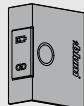
Electrical opening support system for handle-less built-in refrigerators

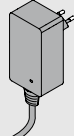
Overview

Drive unit	
	The drive unit triggers an ejection rod which opens the door. After the door is opened, the rod retracts automatically. In the event of unintentional opening, the drive unit closes the door again after 2.5, 4 or 8 seconds.
Rod cover cap	
	The rod cover cap seals the gap between the blind front and the rod. The gap ensures that the rod can eject the door and retract as required.

Blum distance bumper	
	The Blum distance bumper ensures the required trigger path of 2 mm.
Catch plate	
	The catch plate serves as a locator for the magnetic rod in order to close the appliance door.
Cable end protector	
	The cable end protector is fitted onto the unused ends of the cable.

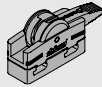
Cable holder	
	The cable holder allows you to route the SERVO-DRIVE distribution cable safely and neatly.

SERVO-DRIVE switch	
	The SERVO-DRIVE switch triggers the opening signal for the appliance door and enlarges the trigger range.

SERVO-DRIVE plug-in power supply unit	
	The SERVO-DRIVE plug-in power supply unit supplies power to a single drive unit (single application).

SERVO-DRIVE distribution cable	
	<p>The distribution cable supplies power to the drive units. The max. permitted operating voltage is 24 V.</p> <p>Note: This cable must not be directly connected to the mains power outlet.</p>

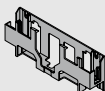
Chipboard screws	
	The chipboard screws secure the drive unit, mounting plate and catch plate.

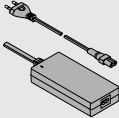
Connecting node	
	This node establishes the electrical connection between the SERVO-DRIVE distribution cable and the SERVO-DRIVE power supply unit.

Assembly jig	
	The assembly jig helps you attach the mounting plate correctly inside the cabinet.

Mounting plate	
	The mounting plate is screwed inside the cabinet and is used to attach the drive unit and blind front.

Power supply unit housing	
Base fixing	
	The power supply unit housing for base fixing securely accommodates the SERVO-DRIVE power supply unit on the base of the cabinet.

Power supply unit housing	
Back panel/wall fixing	
	The SERVO-DRIVE power supply unit can be attached to the wall or back panel with the power supply unit housing for back panel/wall fixing.

SERVO-DRIVE power supply unit	
	<p>The SERVO-DRIVE power supply unit can be used around the world. It converts the country-specific mains voltage to 24 V direct current. You must use a flex with a regular plug for the respective country.</p> <p>The SERVO-DRIVE power supply unit is used to supply several drive units with power (throughout the entire kitchen).</p>

Colour/material			
GE	Yellow	NI	Nickel plated
SZ	Black	SW	Silk white
WS	White	K	Nylon
TGR	Dark grey	HGR	Light grey
WGR	White grey	R7037	RAL 7037 dust grey



SERVO-DRIVE flex
 Assembly, adjustment and removal
blum.com/sdr11

Recess height (NH) < 1700 mm



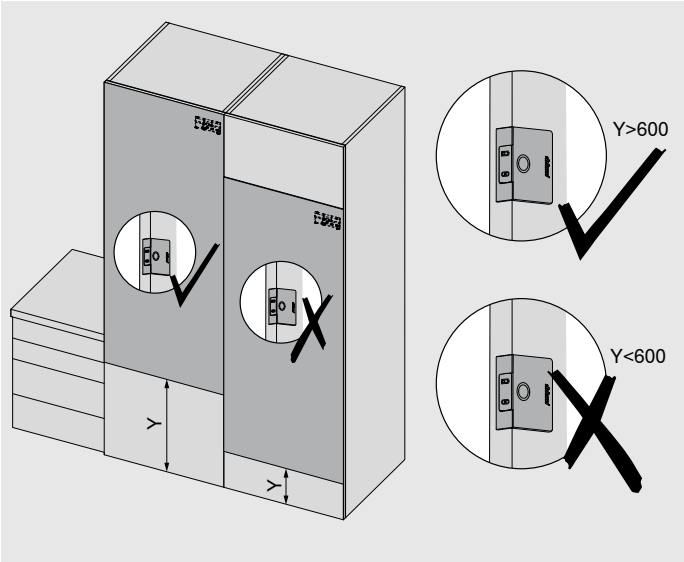
- Can be used for all standard built-in refrigerators and freezers
- Recess height (NH) < 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system/automatic adjustment of the ejection force to the stay close force of the appliance door
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Adjustable hold-open time (2.5 sec, 4 sec, 8 sec)
- Easy assembly thanks to feedback on correct installation depth via LED
- Not suitable for refrigerators without their own cabinet, with self-opening, with child safety latch, with automatic self-closing system, appliances with freezer at the bottom (recess height (NH) ≥1700 mm) and refrigerated drawers

Ordering information

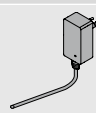
SERVO-DRIVE flex set			
	Colour	Material	
	TGR	K	Z10C500A.01
Consisting of:			
1x drive unit			
2x mounting plate			
2x blind front fixing			
1x rod cover cap			
1x catch plate			
2x Blum distance bumper			
1x connecting node			
1x cable end protector			
11x chipboard screws			
1x assembly jig			

Y > 600 mm

SERVO-DRIVE switch			
	Colour	Material	
	SW/HGR/TGR	K	23P5020



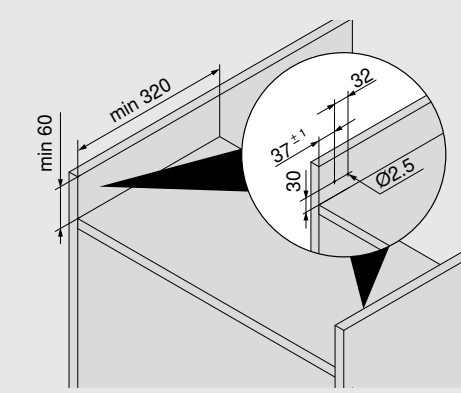
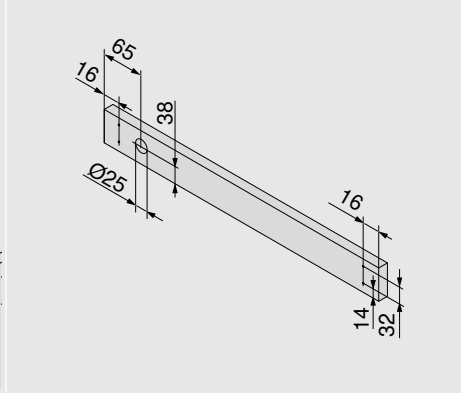
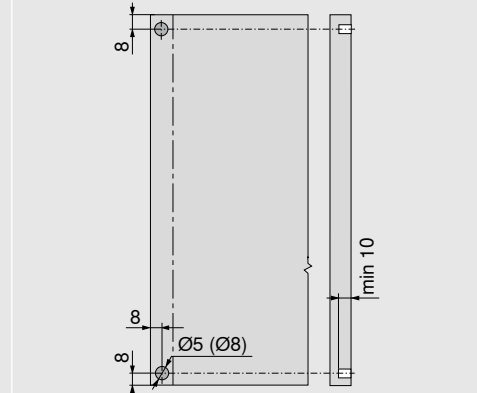
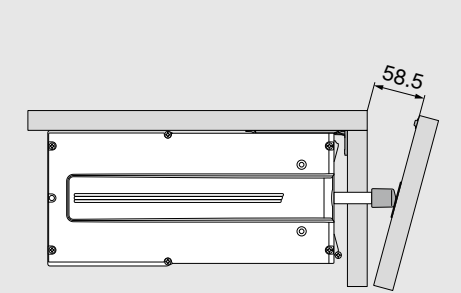
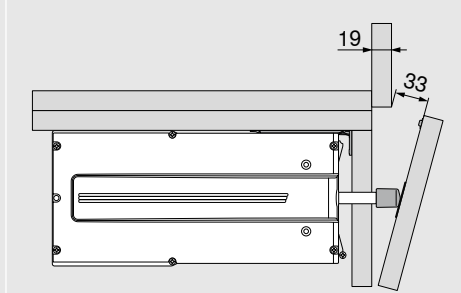
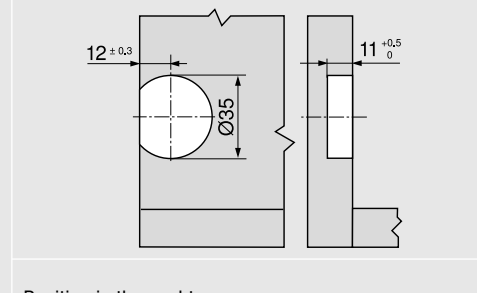
Recess height (NH) < 1700 mm

SERVO-DRIVE plug-in power supply unit		
Only suitable for one drive unit		
		
Market	Language package	
K	I	Z10NA40KI
Item only available on request		
Consisting of:		
1 x	SERVO-DRIVE plug-in power supply unit Incl. cable, 1120 mm (with SERVO-DRIVE distribution cable extendible to max. 2000 mm) Incl. operating and installation instructions	

Markets and language packages

Code			
Markets		Language packages*	
K	AU	I	EN
* Language code according to the ISO 639 standard			

Planning

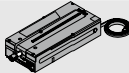
Mounting plate	Blind front – drive unit	Blum distance bumper
		
		Blum distance bumper is required for the refrigerator and freezer door
		The Blum distance bumper ensures the required trigger path of 2 mm
Access gap		SERVO-DRIVE switch
		
		Position in the worktop area

Recess height (NH) ≥ 1700 mm



- Can be used for all standard built-in refrigerators and freezers
- Recess height (NH) ≥ 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system/automatic adjustment of the ejection force to the stay close force of the appliance door
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Adjustable hold-open time (2.5 sec, 4 sec, 8 sec)
- Easy assembly thanks to feedback on correct installation depth via LED and easy synchronisation of two drive units
- Not suitable for refrigerators without their own cabinet, with self-opening, with child safety latch, with automatic self-closing system, appliances with freezer at the bottom (recess height (NH) ≥1700 mm) and refrigerated drawers

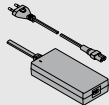
Ordering information

	SERVO-DRIVE flex set		
	Colour	Material	
	TGR	K	2x Z10C500A.01
Consisting of:			
1x drive unit			
2x mounting plate			
2x blind front fixing			
1x rod cover cap			
1x catch plate			
2x Blum distance bumper			
1x connecting node			
1x cable end protector			
11x chipboard screws			
1x assembly jig			

	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	3x Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

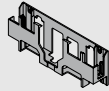
SERVO-DRIVE distribution cable			
	Colour	Material	
	SZ	K	
	Length 8000 mm		Z10K800AE
For cutting to size			

Recess height (NH) ≥ 1700 mm

SERVO-DRIVE power supply unit incl. flex		
		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

	Power supply unit housing		
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

	Power supply unit housing		
	Back panel/wall fixing		
	Colour	Material	
	WGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Markets and language packages

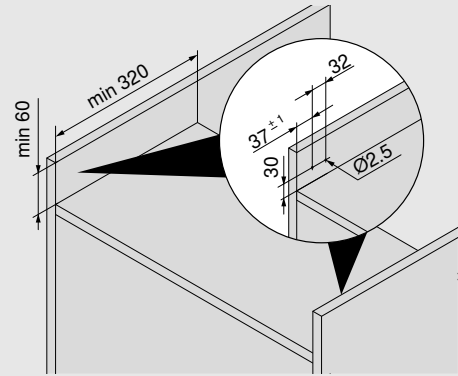
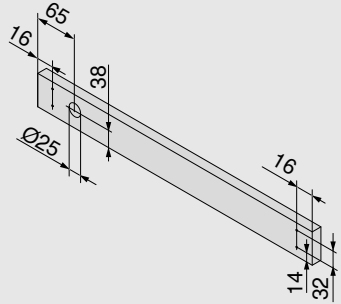
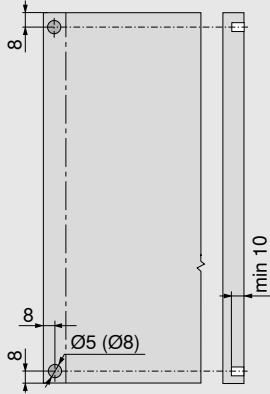
Code			
Markets		Language packages*	
K	AU	I	EN
* Language code according to the ISO 639 standard			

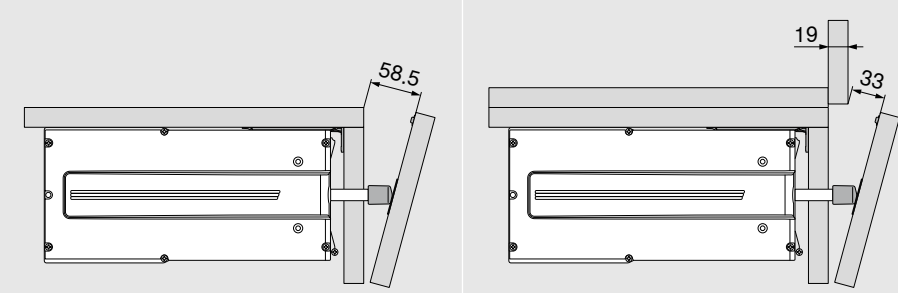
Accessories

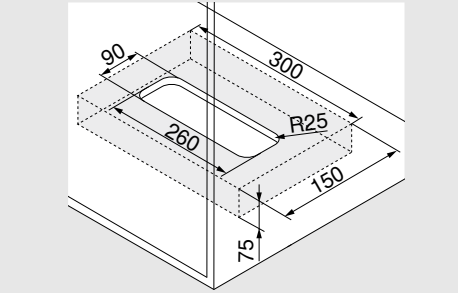
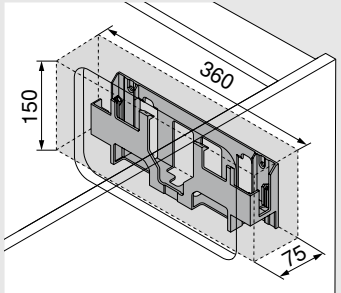
	Cable holder		
	Colour	Material	
	WS	K	Z10K0009

Recess height (NH) ≥ 1700 mm

Planning

Mounting plate	Blind front – drive unit	Blum distance bumper
		
		Blum distance bumper is required for the refrigerator and freezer door
		The Blum distance bumper ensures the required trigger path of 2 mm

Access gap


Space requirement and safety distance – power supply unit housing		
		Please note Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.
Base fixing	Back panel/wall fixing	

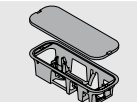
Recess height (NH) ≥ 1700 mm



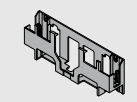
- Can be used for all standard built-in fridge/freezer combinations
- Recess height (NH) ≥ 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system/automatic adjustment of the ejection force to the stay close force of the appliance door
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Adjustable hold-open time (2.5 sec, 4 sec, 8 sec)
- Easy assembly thanks to feedback on correct installation depth via LED
- Not suitable for refrigerators without their own cabinet, with self-opening, with child safety latch, with automatic self-closing system, fridge-freezers with ventilation, appliances with freezer at the bottom (recess height (NH) ≥1700 mm) and refrigerated drawers

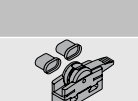
Ordering information

	SERVO-DRIVE flex set		
	Colour	Material	
	TGR	K	2x Z10C500A.01
Consisting of:			
1x drive unit			
2x mounting plate			
2x blind front fixing			
1x rod cover cap			
1x catch plate			
2x Blum distance bumper			
1x connecting node			
1x cable end protector			
11x chipboard screws			
1x assembly jig			

	Power supply unit housing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

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

	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01

Consisting of:			
1x connecting node			
2x cable end protectors			

	SERVO-DRIVE distribution cable		
	Colour	Material	
	SZ	K	
	Length 8000 mm		Z10K800AE

For cutting to size

	SERVO-DRIVE switch		
	Colour	Material	
	SW/HGR/TGR	K	23P5020



SERVO-DRIVE power supply unit incl. flex		
Markets	Language packages	
K	I	Z10NE04KI
Incl. operating and installation instructions		
Consisting of:		
1 x	Power supply unit (output flex: length 2 m)	
1 x	Flex (1.5–1.8 m, incl. plug)	

Accessories

	Cable holder		
	Colour	Material	
	WS	K	Z10K0009

Markets and language packages

Code			
Markets		Language packages*	
K	AU	I	EN
* Language code according to the ISO 639 standard			

Planning

Mounting plate	Blind front – drive unit	Blum distance bumper
		Blum distance bumper is required for the refrigerator and freezer door
		The Blum distance bumper ensures the required trigger path of 2 mm

Access gap	SERVO-DRIVE switch
	Position in the worktop area



- For all standard built-in dishwashers
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system/automatic adjustment of the ejection force to the stay close force of the appliance door
- Lean protection feature
- Trigger safety
- Adjustable hold-open time (2.5 sec, 4 sec, 8 sec)
- Easy assembly thanks to feedback on correct installation depth via LED
- Application possibilities depend on device type, worktop height and plinth height; see Planning
- Not suitable for dishwashers without their own cabinet, with self-opening, with child safety latch or with automatic self-closing system

Ordering information

	SERVO-DRIVE flex set		
	Colour	Material	
	TGR	K	Z10C500A.01
Consisting of:			
1x drive unit			
2x mounting plate			
2x blind front fixing			
1x rod cover cap			
1x catch plate			
2x Blum distance bumper			
1x connecting node			
1x cable end protector			
11x chipboard screws			
1x assembly jig			

	Mounting plate		
	Colour	Material	
	TGR	K	Z10C5005

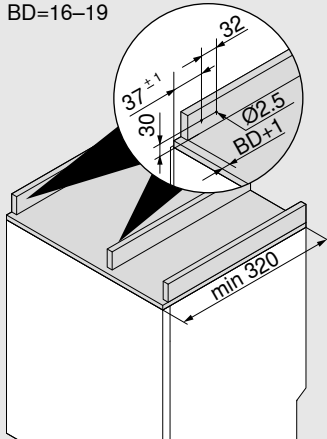
SERVO-DRIVE plug-in power supply unit		
Only suitable for one drive unit		
Market	Language package	
K	I	Z10NA40KI
Item only available on request		
Consisting of:		
1 x	SERVO-DRIVE plug-in power supply unit Incl. cable, 1120 mm (with SERVO-DRIVE distribution cable extendible to max. 2000 mm) Incl. operating and installation instructions	

Markets and language packages

Code			
Markets		Language packages*	
K	AU	I	EN
* Language code according to the ISO 639 standard			

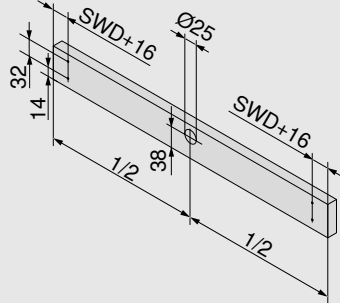
Planning

Mounting plate



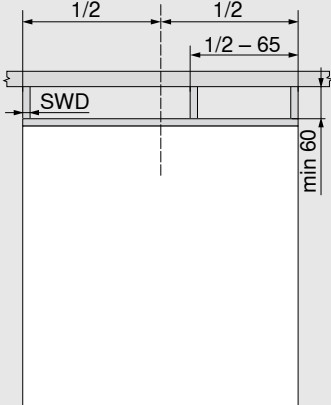
BD Blind front thickness
Max. 19 mm

Blind front – drive unit



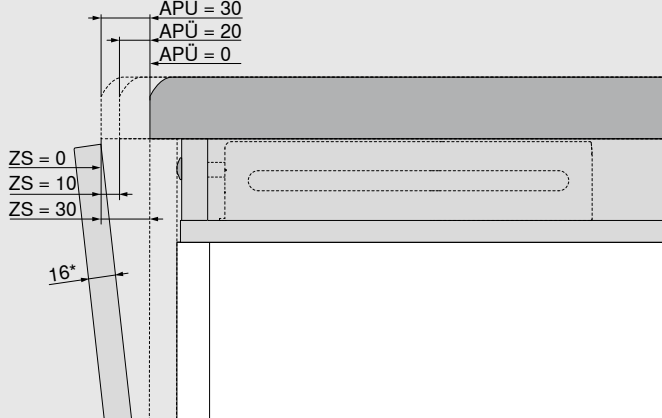
SWD Cabinet side panel thickness

Drive unit



SWD Cabinet side panel thickness

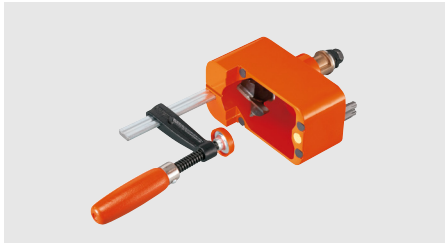
Access gap



APÜ (mm)	ZS (mm)
0	30
20	10
30	0

APÜ Worktop protrusion
ZS Access gap
* The access gap ZS decreases with thicker fronts

Drilling template for the SERVO-DRIVE switch



- Simple hand-held tool for precision drilling of holes for the SERVO-DRIVE switch
- Hand drill required

Ordering information	
	M31.2000

Drilling template for Blum distance bumper,
see page 65

Notes



**moving
ideas**

moving ideas



Quality of living

Our mission is to deliver beauty and convenience for a better quality of living.



Product range

Our extensive product range has everything you need to turn your ideas into reality.



Inspiration

We monitor global trends and innovate to create solutions for tomorrow.



Innovation

We keep moving forward and constantly develop new products and services for you.



Services

Our services are tailored to your needs with one simple goal: to make your life easier.



Quality

Quality is paramount, so we continuously strive to improve our products and services.



Trust

We take responsibility for partnerships, our employees, society and the environment.

It all started with Julius Blum and horseshoe studs in 1952. Today we develop and supply top quality furniture fittings to customers in over 120 countries around the world.

**Blum Showrooms
Sydney (Head Office)**

10 Blackbird Close
Len Waters Estate NSW 2171
Ph: 02 9612 5400

Adelaide

179 Railway Terrace
Mile End SA 5031
Ph: 08 8118 6070

Brisbane

6/39-45 Compton Road
Underwood QLD 4119
Ph: 07 3135 9490

Melbourne

245 Ferntree Gully Road
Mount Waverley VIC 3149
Ph: 03 9982 1720

Perth

3/425 Scarborough Beach Road
Osborne Park WA 6017
Ph: 08 6467 0110



Blum Australia Pty Ltd

PO BOX 1615, Green Valley,
NSW, 2168, Australia
Toll Free: 1800 179 186
E-mail: info.au@blum.com
blum.com

