

SERVO-DRIVE

Ordering and
planning information



The electronic motion support system for pull-outs and wall cabinets

A light touch suffices and pull-outs and wall cabinets seem to open by themselves. For base cabinets, wall cabinets and appliance cabinets. With SERVO-DRIVE, SERVO-DRIVE uno and SERVO-DRIVE flex. One system for the whole kitchen with tailored solutions for all requirements.

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Blum distance bumper



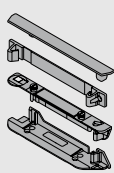
The Blum distance bumper ensures the required trigger path of 2 mm.

Bracket profile



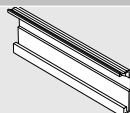
The drive units are attached to the bracket profile.

Bracket profile attachment and bracket profile cover cap



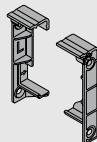
These components are used to attach the bracket profile to a horizontal and/or vertical cross member.

Horizontal bracket profile



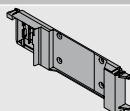
The drive unit is attached to the bracket profile using the bracket profile adapter.

Bracket profile attachment



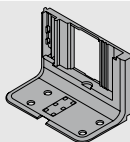
This component is used for attaching the horizontal bracket profile.

Bracket profile adapter for drive unit



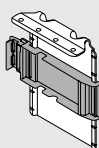
The adapter is used to attach the drive unit to the horizontal bracket profile.

Attachment bracket 1 tier



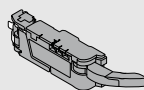
You can use attachment brackets if single pull-outs are to be operated or if the installation situation does not permit a continuous bracket profile.

Upper attachment bracket with pre-assembled adapter for the drive unit



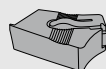
The drive unit is fixed to the adapter for the upper attachment bracket.

Drive unit



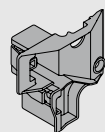
The drive unit is supplied with a lever extension. The lever extension must be removed in special applications such as narrow cabinets so that the drive unit can be installed (see planning information).

Lever cap for LEGRABOX



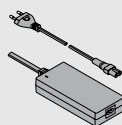
Prevents collision with the LEGRABOX steel back from height M with an internal cabinet width LW of 267–286 mm.

Trigger guidance for TANDEMBOX



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

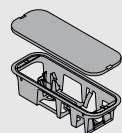
SERVO-DRIVE power supply unit



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

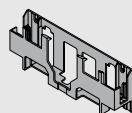
Base fixing



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

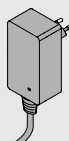
Power supply unit housing

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

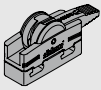


The SERVO-DRIVE plug-in power supply unit supplies power to a single drive unit (single application).

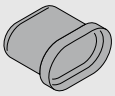
SERVO-DRIVE distribution cable

The distribution cable supplies power to the drive units. The max. permitted operating voltage is 24 V.

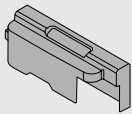
Note: This cable must not be directly connected to the mains power outlet.

Connecting node

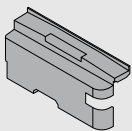
This node establishes the electrical connection between the SERVO-DRIVE distribution cable and the bracket profile and/or the SERVO-DRIVE power supply unit.

Cable end protector

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

Drip protection feature for attachment bracket 1 tier

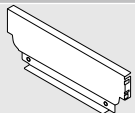
The drip protection feature prevents water from penetrating the SERVO-DRIVE drive unit. Suitable for applications with an attachment bracket 1 tier.

Drip protection feature for horizontal applications

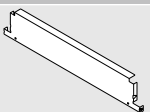
The drip protection feature prevents water from penetrating the SERVO-DRIVE drive unit. Suitable for applications with a horizontal bracket profile.

Locating bracket

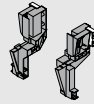
No pre-drilling, self-adhesive
For positioning the SERVO-DRIVE uno unit.

Steel back height M

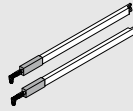
Steel back for TANDEMBOX – top mount waste bin solution.

Steel back for waste bin pull-out

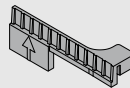
Special back for TANDEMBOX – top mount waste bin solution.

Attachment left/right

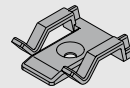
These components are used to attach the steel back for TANDEMBOX – top mount waste bin solution.

Rectangular longside gallery rail left/right

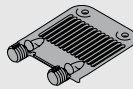
Gallery can be used in combination with TANDEMBOX.

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.

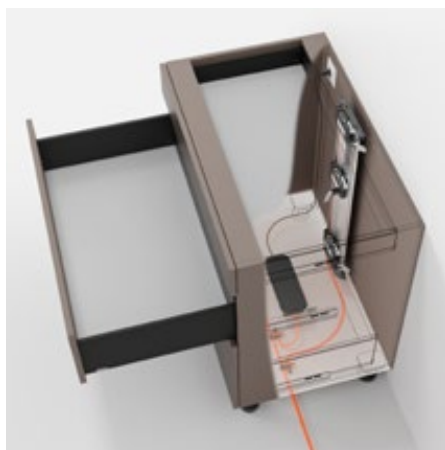
Colour/material

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



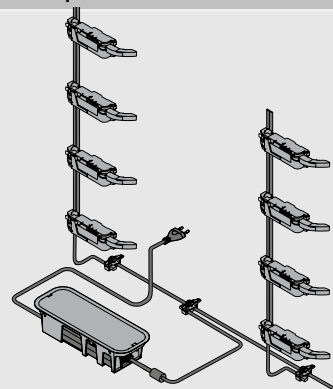
SERVO-DRIVE can be used in combination with AMPEROS AC from a minimum internal width of 562 mm.

Standard cabinet with horizontal and vertical cross members



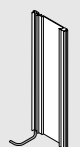
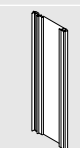
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With vertical bracket profile
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Tool-free drive unit assembly
- Simple cabling
- Shallow installation depth

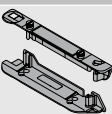
Space requirement



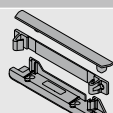
Ordering information

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			

Bracket profile			
	Bracket profile with SERVO-DRIVE distribution cable		
	Length (mm)		
	650	Z10T650AA	750 Z10T750AA
	700	Z10T700AA	800 Z10T800AA
	710	Z10T710AA	
	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			

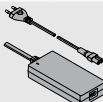
Lever cap for LEGRABOX			
	Colour	Material	
	SZ	K	Z10A3006
Steel back			
Required from height M and internal cabinet width LW of 267–286 mm			

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

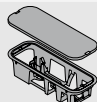
Connecting node and cable end protector			
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)			

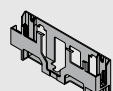
Markets and language packages

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

* Language code according to the ISO 639 standard

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			

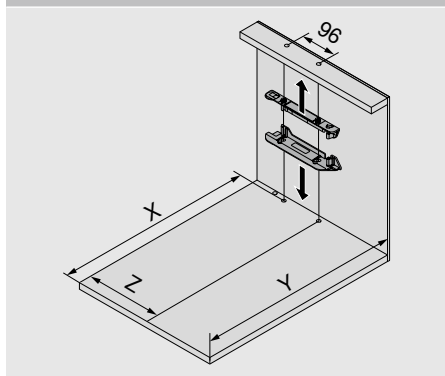
Front/base stabiliser			
	Colour	Material	
	R7037	K	Z96.10E1

Synchronisation cable		
	Length (mm)	
	80	Z10K008S
	500	Z10K050S
	1200	Z10K120S
	1600	Z10K160S
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

	X (mm)	Y (mm)
Chipboard back	NL + 19	NL + 33
Steel back	NL + 2	NL + 16

NL Nominal length

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	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	184	✕	–	●	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✕	–	–	174	●	–
		M K E F	–	–	–	174	✕	–	–	174	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	174	●	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✕	●	179	●	●	–	179	●	●
		M K B C D	179	✕	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✕	–
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

LW Internal cabinet width

○ Not required

Z Dimension of engagement

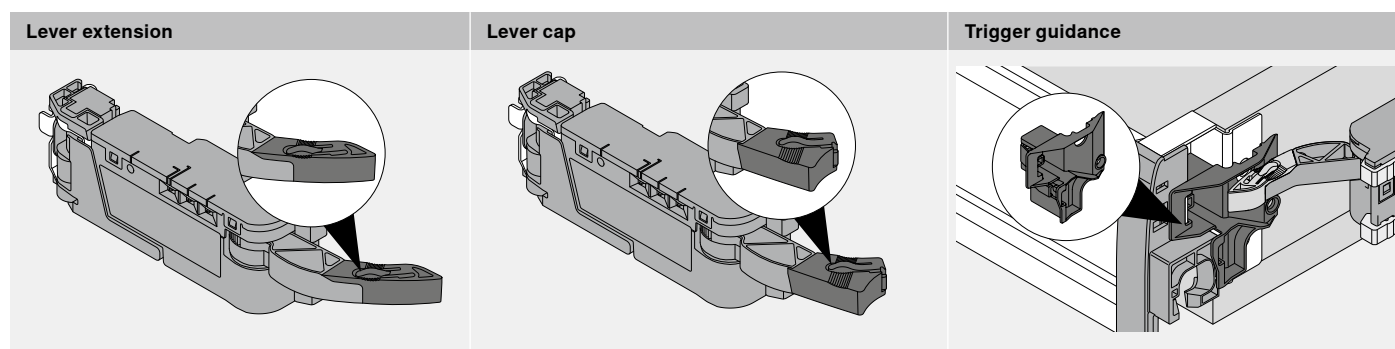
– Not possible

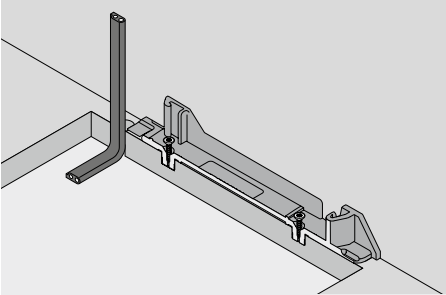
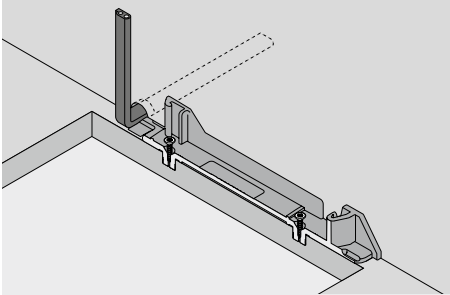
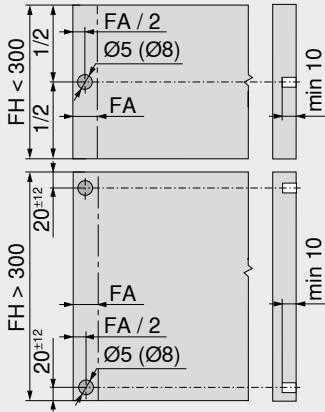
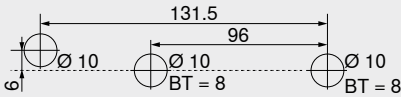
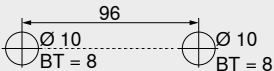
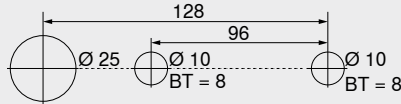
● Required

✗ Remove

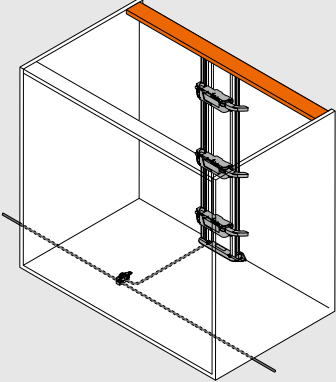
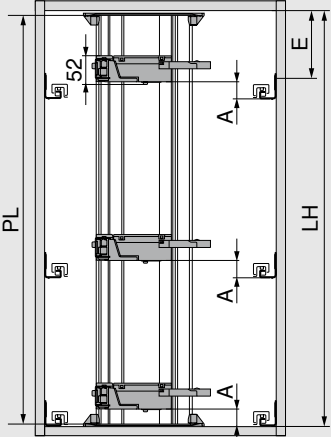
Standard cabinet – horizontal cross member

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									



Cabinet base – drilling pattern		Front assembly – position – Blum distance bumper	
Lower cabling	Back cabling		
			
			
BT Drilling depth	BT Drilling depth		
			
Alternative drilling pattern – MINIPRESS top MINIPRESS			
		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 – horizontal cross member

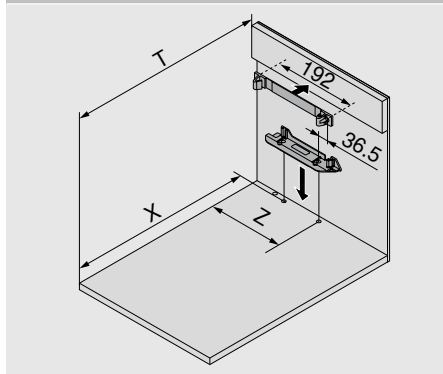
Cabinet	Position of drive unit
	$PL = LH - 10 \text{ mm}$
	Round down to the nearest tenth
	LH Internal cabinet height
	PL Bracket profile length
	A Distance between bottom edge of cabinet profile and bottom edge of drive unit
	E Distance between bottom edge of cabinet top panel and fixing position of 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
	Steel back	N	–	–	–	–	–	–	–	–
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E F	–	–	45	54	45	54	45	54
	Steel back	N	–	–	–	–	–	–	–	–
		M K E F	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M K B C D	35	64	35	64	35	64	35	64
	Steel back	N	–	–	–	–	28	49	28	49
		M K B C D	–	–	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
Steel back		NL + 2	NL + 17
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	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	184	✗	–	●	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✗	–	–	174	●	–
		M K E F	–	–	–	174	✗	–	–	174	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	174	●	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✗	●	179	●	●	–	179	●	●
		M K B C D	179	✗	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✗	–
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

LW Internal cabinet width

○ Not required

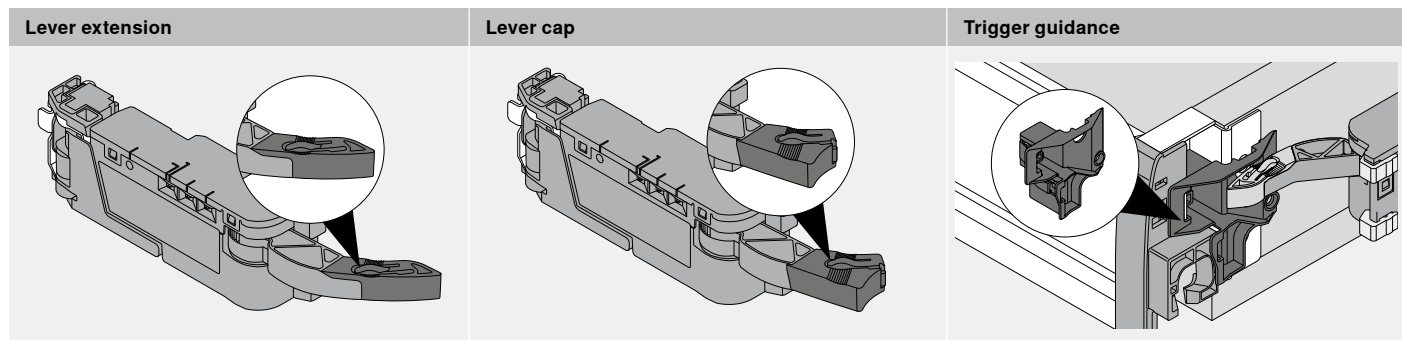
Z Dimension of engagement

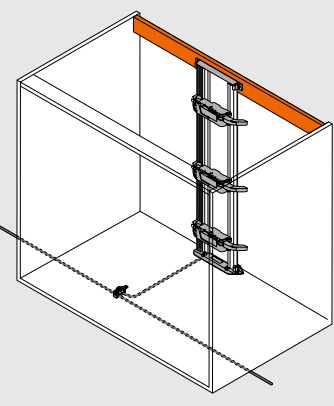
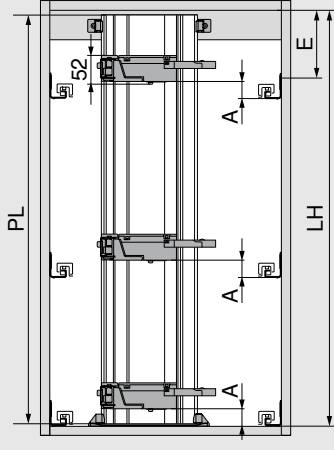
– Not possible

● Required

✗ Remove

Standard cabinet – vertical cross member



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
	Steel back	N	–	–	–	–	–	–	–	–
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E F	–	–	45	54	45	54	45	54
	Steel back	N	–	–	–	–	–	–	–	–
		M K E F	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M K B C D	35	64	35	64	35	64	35	64
	Steel back	N	–	–	–	–	28	49	28	49
		M K B C D	–	–	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

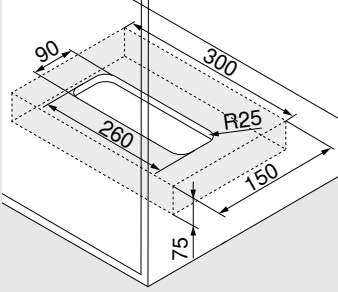
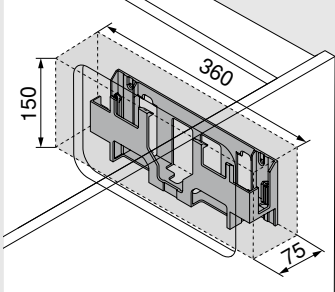
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●

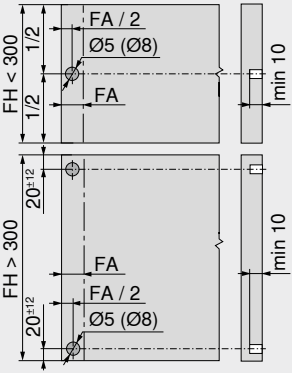
LW Internal cabinet width

Z Dimension of engagement

● Required

– Not possible

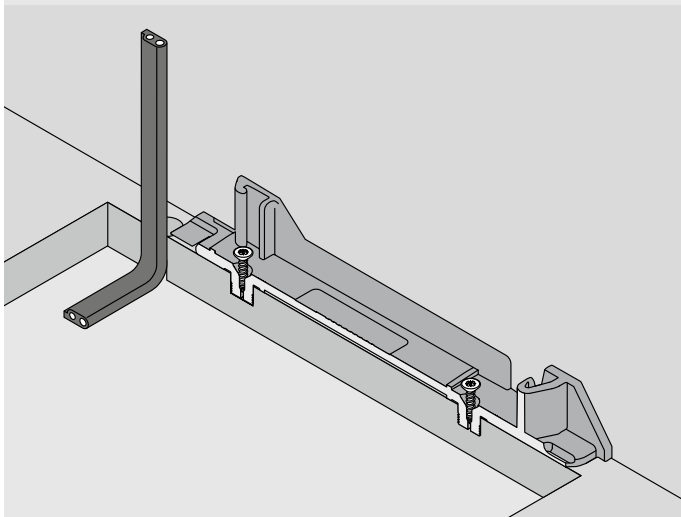
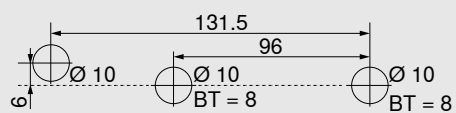
Space requirement and safety distance – power supply unit housing		
		<p>Please note</p> <p>Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.</p>
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</p> <p>FH Front height</p>	Front height FH (mm)	Blum distance bumper (pcs)	Up to 300	2	From 301
Front height FH (mm)	Blum distance bumper (pcs)					
Up to 300	2					
From 301	4					

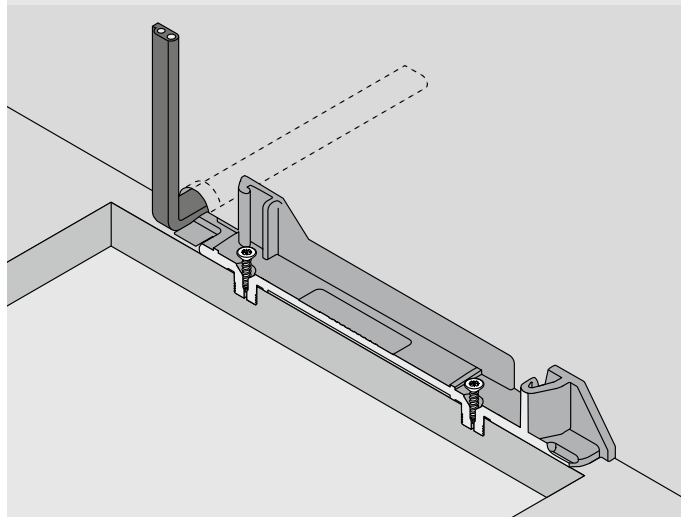
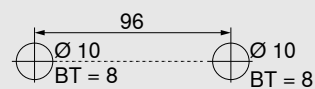
Standard cabinet – vertical/horizontal cross member

Cabinet base – drilling pattern

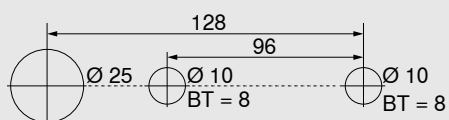
Lower cabling



Back cabling



Alternative drilling pattern for MINIPRESS top and MINIPRESS



BT Drilling depth

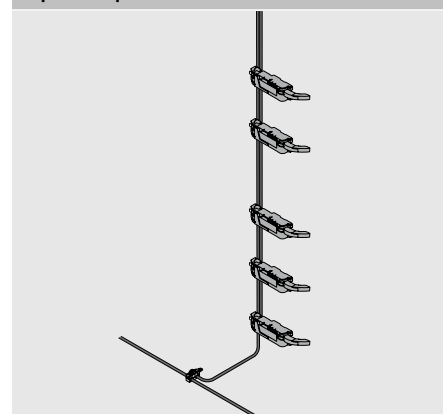
Notes

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 pull-out
- Pull-outs need not be modified
- Tool-free drive unit assembly
- Simple cabling
- Shallow installation depth
- With inset pull-outs, 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)		
	650	Z10T650AA	750 Z10T750AA
	700	Z10T700AA	800 Z10T800AA
	710	Z10T710AA	
	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 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			

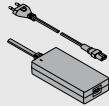
Drive unit			
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

Lever cap for LEGRABOX			
	Colour	Material	
	SZ	K	Z10A3006
Steel back			
Required from height M and internal cabinet width LW of 267–286 mm			

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			

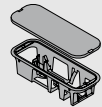
SPACE TOWER

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)				

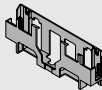
Markets and language packages

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

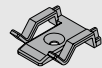
* Language code according to the ISO 639 standard

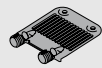
Power supply unit housing			
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

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
	500	Z10K050S
	1200	Z10K120S
	1600	Z10K160S
Connects two drive units that need to open simultaneously		

Top bracket profile

Planning

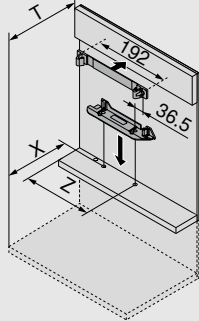
Cabinet	Position of drive unit
	$PL = LH - 10 \text{ mm}$
	Round down to the nearest tenth
	LH Internal cabinet height
	PL Bracket profile length
	A Distance between bottom edge of cabinet profile and bottom edge of drive unit
	E Distance between bottom edge of cabinet top panel and fixing position of 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
	Steel back	N	–	–	–	–	–	–	–	–
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E F	–	–	45	54	45	54	45	54
	Steel back	N	–	–	–	–	–	–	–	–
		M K E F	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M K B C D	35	64	35	64	35	64	35	64
	Steel back	N	–	–	–	–	28	49	28	49
		M K B C D	–	–	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

Steel back

NL + 2

NL + 17

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	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	184	✘	–	●	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✘	–	–	174	●	–
		M K E F	–	–	–	174	✘	–	–	174	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	174	●	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✘	●	179	●	●	–	179	●	●
		M K B C D	179	✘	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✘	–
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

LW Internal cabinet width

○ Not required

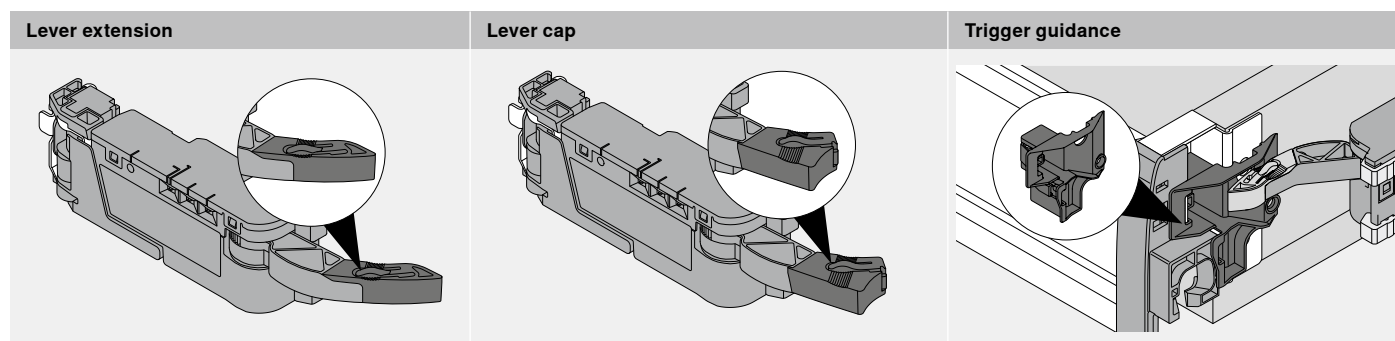
Z Dimension of engagement

– Not possible

● Required

✗ Remove

Top bracket profile



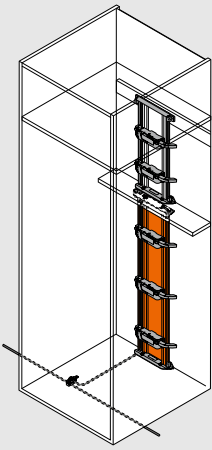
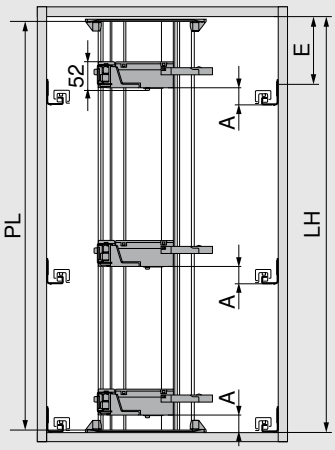
Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)							
		224–234		235–388		389–428		≥ 429	
		Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension	Z (mm)	Lever extension
MOVENTO	≥ 79	–	–	164	●	164	●	LW / 2	●
TANDEM	≥ 79	164	–	164	●	LW / 2	●	LW / 2	●

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

Bottom bracket profile

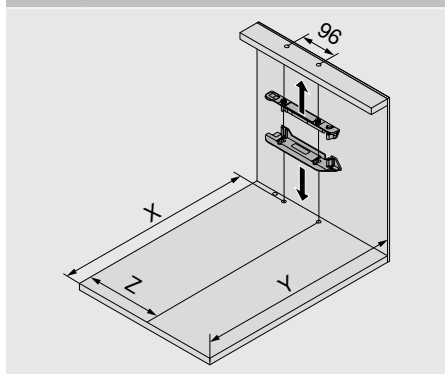
Cabinet	Position of drive unit
	
	PL = LH - 10 mm
	Round down to the nearest tenth
	LH Internal cabinet height
	PL Bracket profile length
	A Distance between bottom edge of cabinet profile and bottom edge of drive unit
	E Distance between bottom edge of cabinet top panel and fixing position of cabinet 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
	Steel back	N	–	–	–	–	–	–	–	–
		M K C F	–	–	45	69	45	69	45	69
MERIVOBX	Chipboard back	N	–	–	28	32	28	32	28	32
		M K E F	–	–	45	54	45	54	45	54
	Steel back	N	–	–	–	–	–	–	–	–
		M K E F	–	–	45	54	45	54	45	54
TANDEMBOX	Chipboard back	N	35	56	35	56	35	56	28	49
		M K B C D	35	64	35	64	35	64	35	64
	Steel back	N	–	–	–	–	28	49	28	49
		M K B C D	–	–	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	X (mm)	Y (mm)
Chipboard back	NL + 19	NL + 33
Steel back	NL + 2	NL + 16
NL Nominal length		
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	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	184	✕	–	●	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✕	–	–	174	●	–
		M K E F	–	–	–	174	✕	–	–	174	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	174	●	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✕	●	179	●	●	–	179	●	●
		M K B C D	179	✕	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✕	–
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

LW Internal cabinet width

Z Dimension of engagement

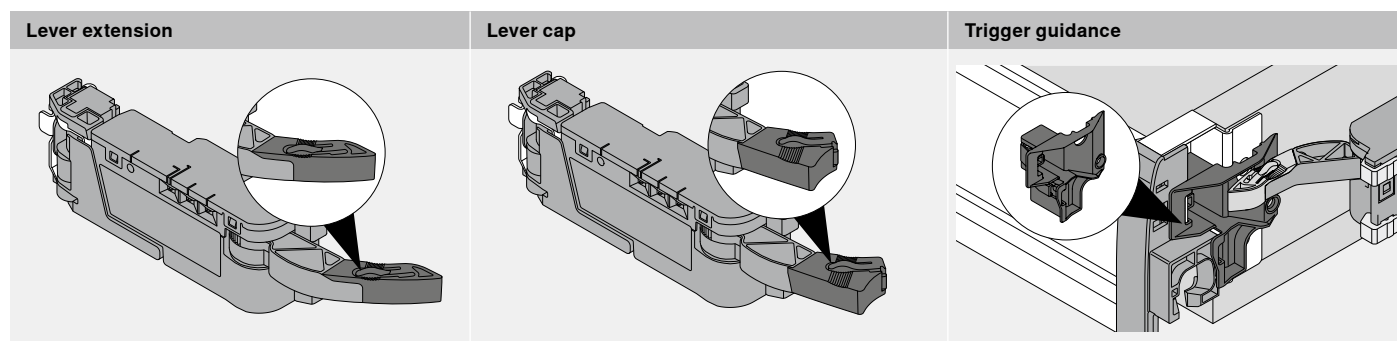
● Required

○ Not required

– Not possible

✗ 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

		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

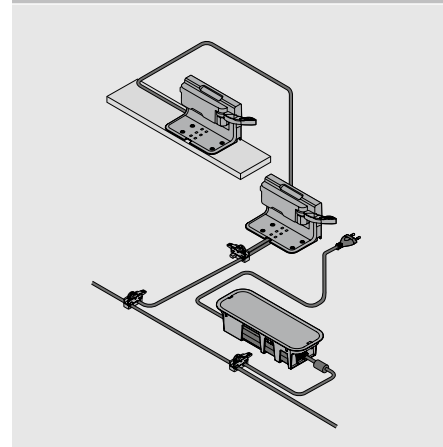
	The Blum distance bumper ensures the required trigger path of 2 mm	
	Front height FH (mm)	Blum distance bumper (pcs)
	Up to 300	2
	From 301	4
	FA Front overlay	
	FH Front height	

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 pull-out
- Pull-outs need not be modified
- Quick installation of pre-assembled parts

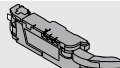
Space requirement



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			

Attachment bracket 1 tier			
	Colour	Material	
	TGR	K	Z10D0311

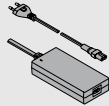
Drive unit			
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

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			

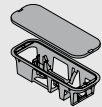
Sink cabinet

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)			

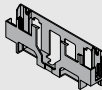
Markets and language packages

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

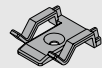
* Language code according to the ISO 639 standard

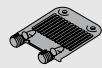
Power supply unit housing			
	Base fixing		
	Colour	Material	
	TGR	K	Z10NG000
Incl. cover			
For SERVO-DRIVE power supply unit			

Alternative

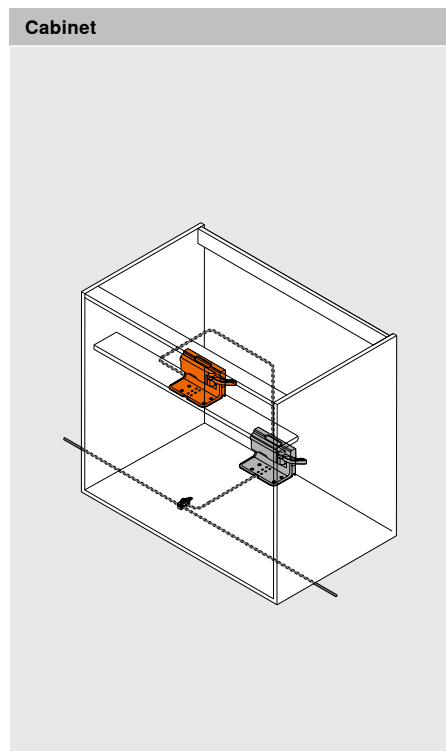
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	TGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

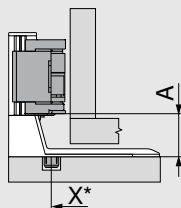
Cable holder			
	Colour	Material	
	WS	K	Z10K0009
	E.g. for fixing the SERVO-DRIVE distribution cable		

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

Cross member – attachment bracket 1 tier



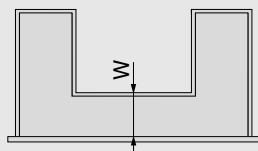
Cross member – attachment bracket 1 tier



- 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 F	45
TANDEMBOX	Centre piece	N	28
		M K B 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

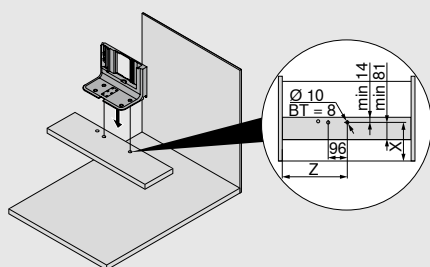
MERIVOBX: min. 150 mm

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 F	W + 27	LW / 2
TANDEMBOX	Centre piece	N M K B 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)	
MOVENTO	≥ 79	W + 24	LW / 2	
TANDEM	≥ 79	W + 24	LW / 2	

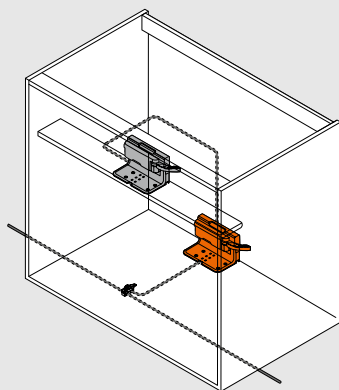
BT Drilling depth

X Drilling position

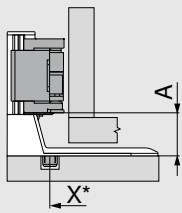
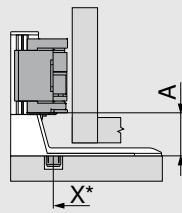
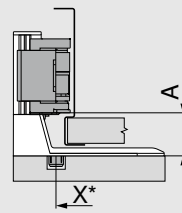
Z Dimension of engagement

Cabinet base – attachment bracket 1 tier

Cabinet



Cabinet base – attachment bracket 1 tier – box systems

Chipboard back		Steel back
LEGRABOX	MERIVOBX/TANDEMBOX	LEGRABOX/ MERIVOBX/TANDEMBOX
		

X Drilling position

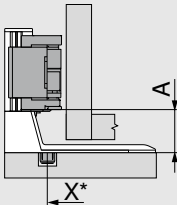
A Distance between bottom edge of attachment bracket and bottom edge of drive unit

* Measured from cabinet front edge

Box system	Back	Back height	LW (mm)
			≥ 387
			A (mm)
LEGRABOX	Chipboard back	N M K C F	45
	Steel back	N	–
		M K C F	45
MERIVOBX	Chipboard back	N	28
		M K E F	45
	Steel back	N	–
		M K E F	45
TANDEMBOX	Chipboard back	N	28
		M K B C D	35
	Steel back	N	28
		M K B 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)	
		≥ 429	
		A (mm)	
MOVENTO	≥ 79	35	
TANDEM	≥ 79	35	

Cabinet base – attachment bracket 1 tier

Cabinet base – attachment bracket 1 tier

The diagram illustrates the installation of a cabinet base attachment bracket. It shows a side view of a cabinet base with a bracket mounted on its back. Dimension X indicates the drilling position, Y indicates the minimum space requirement, and Z indicates the dimension of engagement.

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
Steel back	LEGRABOX MERIVOBX TANDEMBOX	NL + 2	NL + 18	LW / 2
	MERIVOBX – cabinet profile with over extension	NL - 48	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				

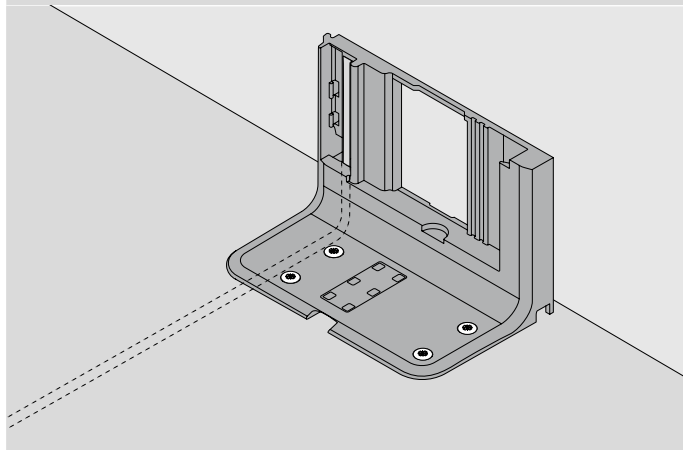
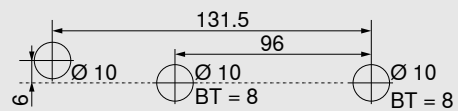
Space requirement and safety distance – power supply unit housing		
		<p>Please note</p> <p>Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.</p>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

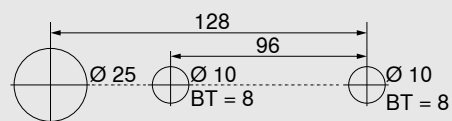
Cabinet base – attachment bracket 1 tier

Cabinet base – drilling pattern

Lower cabling



Alternative drilling pattern for MINIPRESS top and MINIPRESS



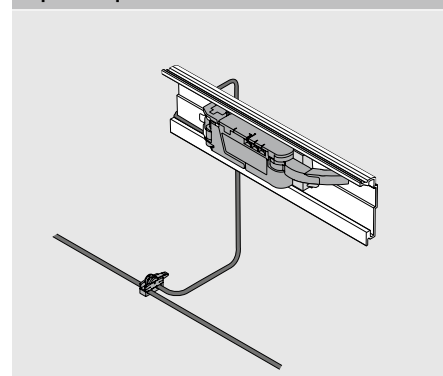
BT Drilling depth

Cabinet with single pull-out – 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 pull-out
- Pull-outs need not be modified
- Quick installation of pre-assembled parts

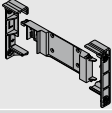
Space requirement



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			

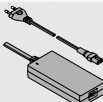
Lever cap for LEGRABOX			
	Colour	Material	
	SZ	K	Z10A3006
Steel back			
Required from height M and internal cabinet width LW of 267–286 mm			

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 pull-out – horizontal bracket profile

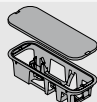
	Connecting node and cable end protector		
	Colour	Material	
	SZ	K	Z10V100E.01
Consisting of:			
1x connecting node			
2x cable end protectors			

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)			

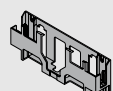
Markets and language packages

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

* Language code according to the ISO 639 standard

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			

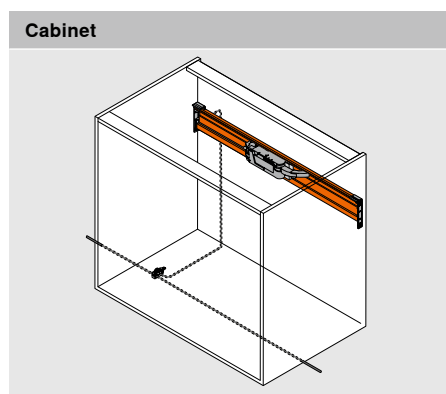
Accessories

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

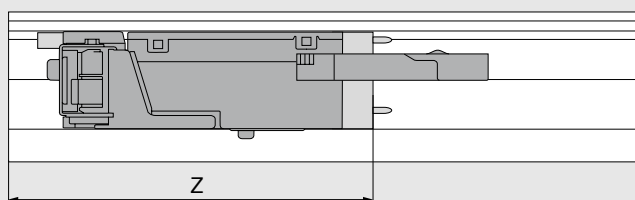
Front/base stabiliser			
	Colour	Material	
	R7037	K	Z96.10E1

Cabinet with single pull-out – horizontal bracket profile

Planning



Position of drive unit



Z Dimension of engagement

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	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	182	●	–	○	182	●	–
MERIVOBX	Chipboard back	N	–	–	–	177	✗	–	–	177	●	–
		M K E F	–	–	–	177	✗	–	–	177	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	177	●	–	–	177	●	–
TANDEMBOX	Chipboard back	N	–	–	–	–	–	–	–	193	✗	○
		M K B C D	182	✗	●	182	✗	●	○	182	●	●
	Steel back	N	–	–	–	193	✗	○	○	193	●	○
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	182	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	177	●	–	LW / 2	●	–
		M K E F	177	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	177	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	193	●	○	LW / 2	●	○
		M K B C D	182	●	○	LW / 2	●	○
	Steel back	N	193	●	○	LW / 2	●	○
		M K B C D	182	●	○	LW / 2	●	○

LW Internal cabinet width

○ Not required

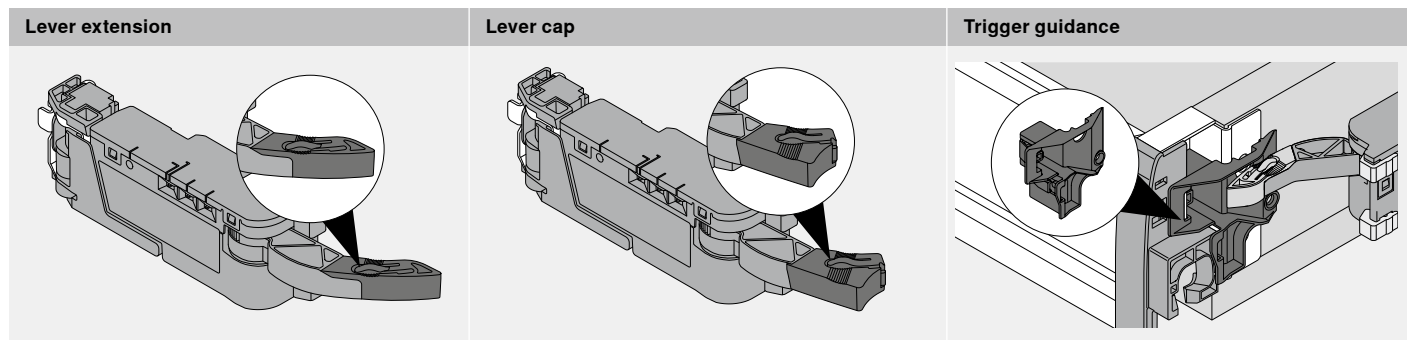
Z Dimension of engagement

– Not possible

● Required

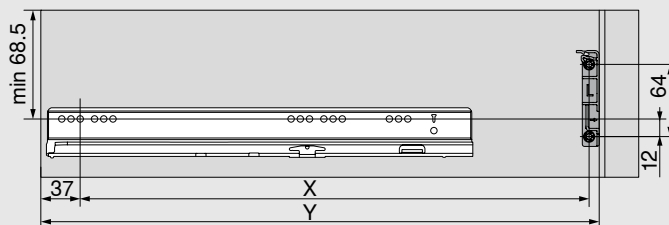
✗ Remove

Cabinet with single pull-out – horizontal bracket profile

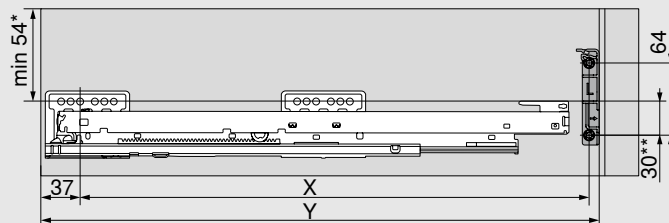


Drilling distances

LEGRABOX



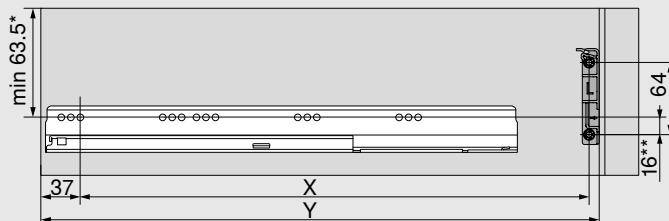
MERIVOBX



* 32 mm for back height N

** 45 mm for back height N

TANDEMBOX



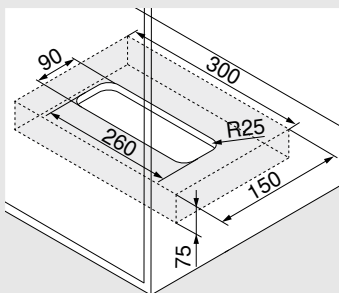
* 55 mm for back height N

** 24 mm for back height N

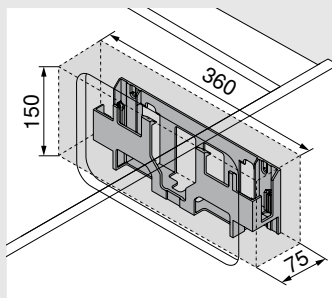
Back	X (mm)	Y (mm)
Chipboard back	NL - 9	NL + 37
Steel back	NL - 26	NL + 20
NL Nominal length		
X Drilling position		
Y Min. space requirement		

Cabinet with single pull-out – horizontal bracket profile

Space requirement and safety distance – power supply unit housing



Base fixing

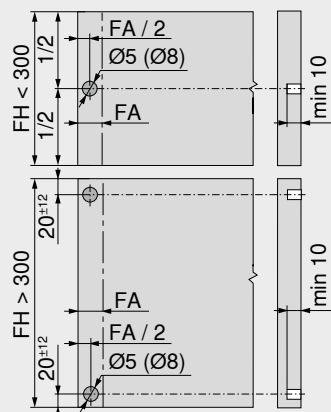


Back panel/wall fixing

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

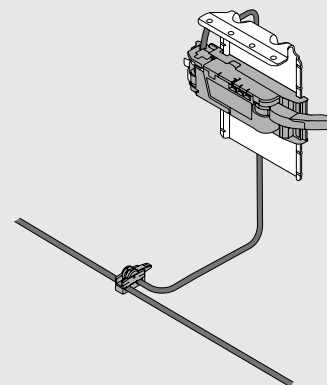
Notes

Cabinet with single pull-out – upper attachment bracket



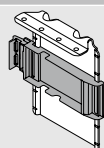
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- With upper attachment bracket
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Quick installation of pre-assembled parts

Space requirement

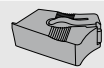


Ordering information

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			

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			

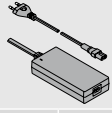
Lever cap for LEGRABOX			
	Colour	Material	
	SZ	K	Z10A3006
Steel back			
Required from height M and internal cabinet width LW of 267–286 mm			

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			

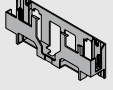
Cabinet with single pull-out – upper attachment bracket

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)			

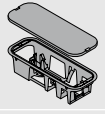
Markets and language packages

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

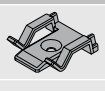
* Language code according to the ISO 639 standard

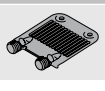
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	WGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Alternative

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

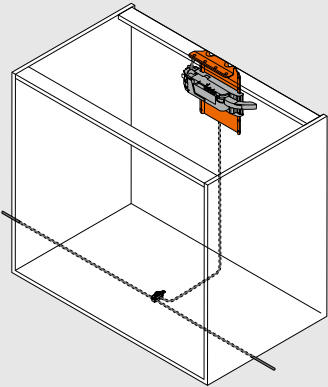
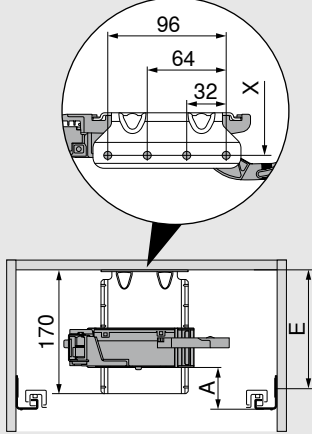
Accessories

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 pull-out – upper attachment bracket

Planning

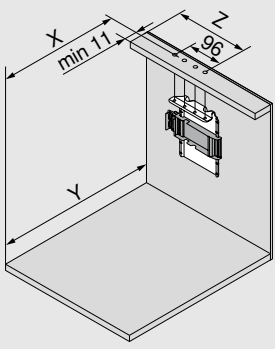
Cabinet	Position of drive unit
	 <p>A Distance between bottom edge of cabinet profile and bottom edge of drive unit</p> <p>E Distance between bottom edge of cabinet top panel and fixing position of cabinet profile</p> <p>X Drilling position</p>
The cross member must be securely fixed to the worktop area	

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
	Steel back	N	–	–	–	–	–	–	–	–	–	–	–	–
		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 F	–	–	–	45	67	157	45	67	157	45	67	157
	Steel back	N	–	–	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	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 K B C D	35	79	180	35	79	180	35	79	180	35	79	180
	Steel back	N	–	–	–	–	–	–	28	79	180	28	79	180
		M K B C D	–	–	–	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 pull-out – upper attachment bracket

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)	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 - 1
	Steel back		NL - 18
	NL Nominal length		
	X Drilling position		
	Y Min. space requirement		
	Z Dimension of engagement		

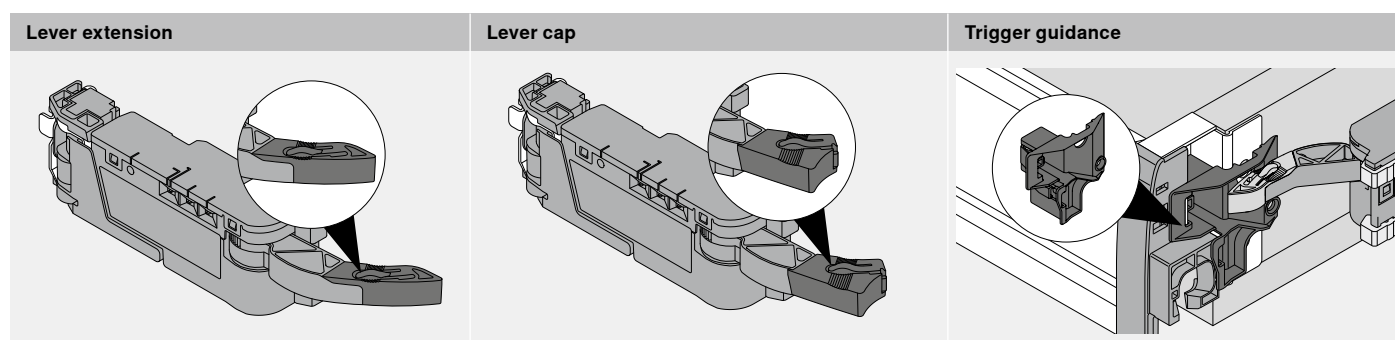
Box system	Back	Back height	Internal cabinet width LW (mm)									
			242–266			267–286				287–316		
			Z (mm)	Lever extension	Trigger guidance	Z (mm)	Lever extension	Trigger guidance	Lever cap	Z (mm)	Lever extension	Trigger guidance
LEGRABOX	Chipboard back	N	–	–	–	184	●	–	–	184	●	–
		M K C F	–	–	–	184	●	–	–	184	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K C F	–	–	–	184	✗	–	●	184	●	–
MERIVOBX	Chipboard back	N	–	–	–	174	✗	–	–	174	●	–
		M K E F	–	–	–	174	✗	–	–	174	●	–
	Steel back	N	–	–	–	–	–	–	–	–	–	–
		M K E F	–	–	–	174	●	–	–	174	●	–
TANDEMBOX	Chipboard back	N	179	✗	●	179	●	●	–	179	●	●
		M K B C D	179	✗	●	179	●	●	–	179	●	●
	Steel back	N	–	–	–	–	–	–	–	190	✗	–
		M K B C D	–	–	–	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	●	–
	Steel back	N	–	–	–	–	–	–
		M K C F	184	●	–	LW / 2	●	–
MERIVOBX	Chipboard back	N	174	●	–	LW / 2	●	–
		M K E F	174	●	–	LW / 2	●	–
	Steel back	N	–	–	–	–	–	–
		M K E F	174	●	–	LW / 2	●	–
TANDEMBOX	Chipboard back	N	179	●	○	LW / 2	●	○
		M K B C D	179	●	○	LW / 2	●	○
	Steel back	N	190	●	–	LW / 2	●	–
		M K B C D	179	●	–	LW / 2	●	–

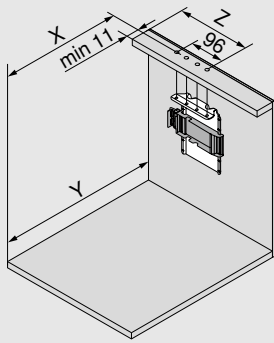
LW Internal cabinet width	○ Not required
Z Dimension of engagement	– Not possible
● Required	✕ Remove



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	

Cabinet with a single drawer – upper attachment bracket

Drilling distances for runner systems



Drawer height SKH (mm)	X (mm)	Y (mm)
≥ 79	NL – 5	NL + 30
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	●

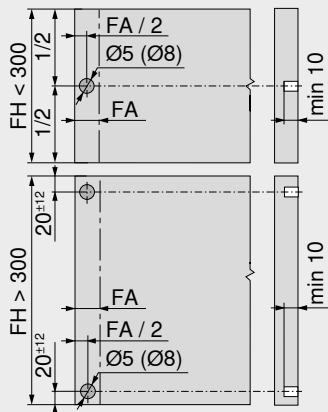
LW Internal cabinet width

Z Dimension of engagement

● Required

– Not possible

Front assembly – position – Blum distance bumper



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

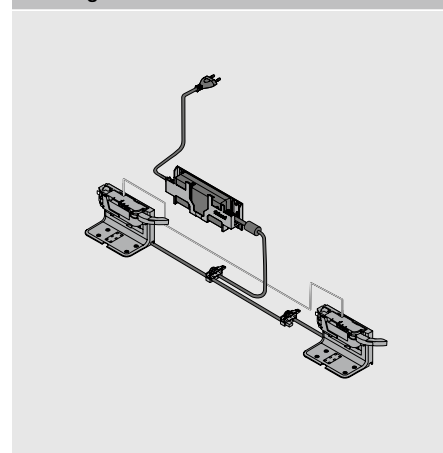
Front height FH (mm)	Blum distance bumper (pcs)
Up to 300	2
From 301	4
FA Front overlay	
FH Front height	

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 pull-out
- Pull-outs need not be modified
- Quick installation of pre-assembled parts

Cabling



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

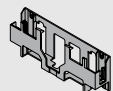
For cutting to size

Can be used as distribution, bracket profile and communication cable

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			

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			

Two drawers with a single front

SERVO-DRIVE power supply unit incl. flex					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)				

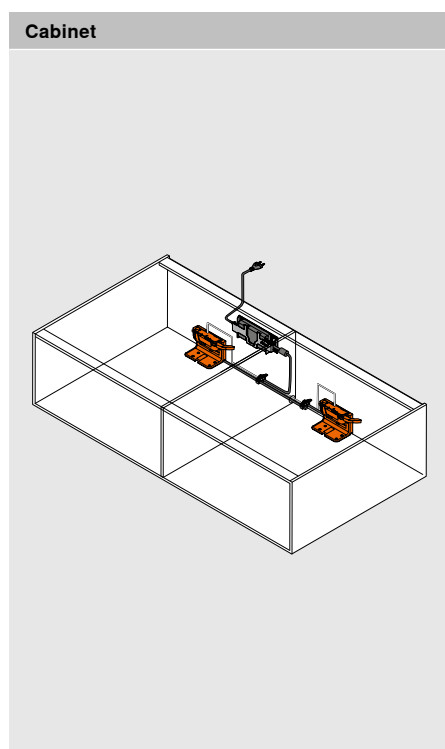
Markets and language packages

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

* Language code according to the ISO 639 standard

Synchronisation cable		
	Length (mm)	
	80	Z10K008S
	500	Z10K050S
	1200	Z10K120S
	1600	Z10K160S
Connects two drive units that need to open simultaneously		

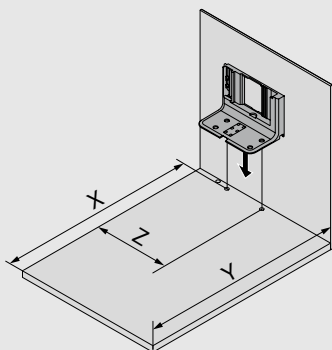
Planning



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)

 ≥ 79

X (mm)

 $NL + 16$

Y (mm)

 $NL + 30$

Z (mm)

 $LW / 2$

LW Internal cabinet width

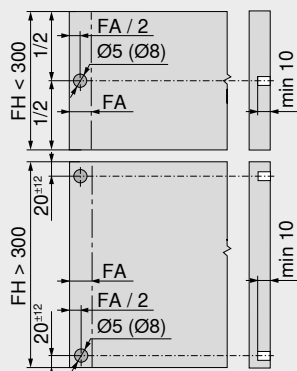
NL Nominal length

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

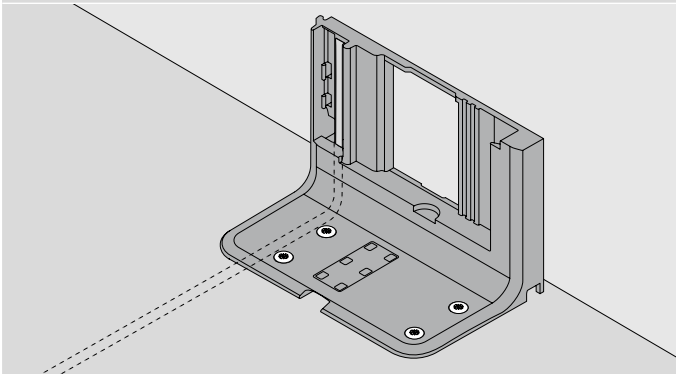
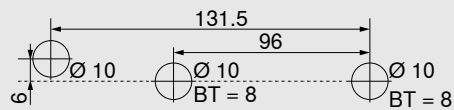
FA Front overlay

FH Front height

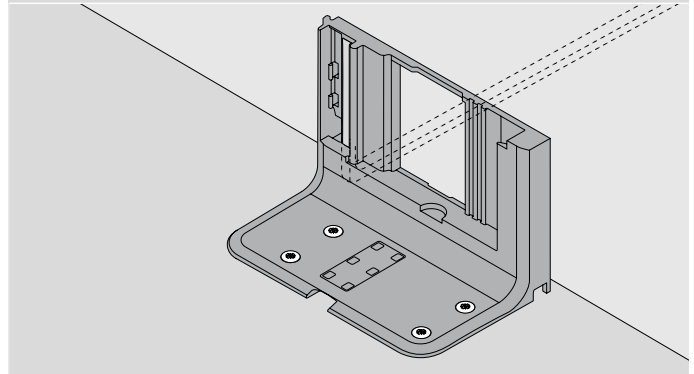
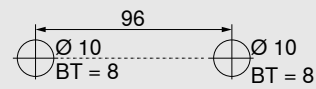
Two drawers with a single front – attachment bracket 1 tier

Cabinet base – drilling pattern

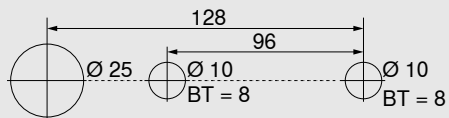
Lower cabling



Back cabling

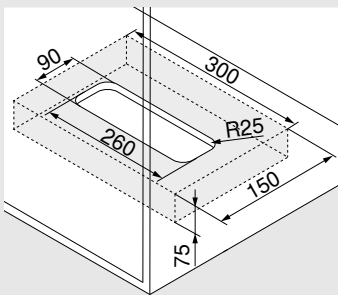


Alternative drilling pattern for MINIPRESS top and MINIPRESS

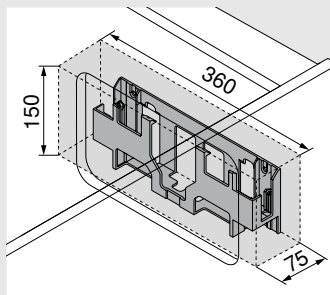


BT Drilling depth

Space requirement and safety distance – power supply unit housing



Base fixing



Back panel/wall fixing

Please note

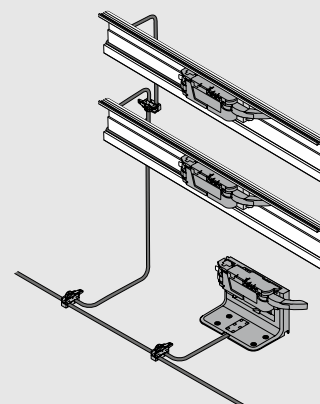
Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

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 pull-out
- Pull-outs need not be modified
- Quick installation of pre-assembled parts

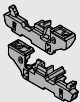
Cabling

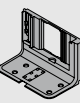


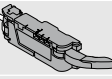
Ordering information

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			

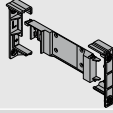
Blum distance bumper – inner drawer			
	Ø (mm)		
	10		993.2000
	TANDEM		
Adjustable Blum distance bumper for inner drawers and inset fronts with TANDEM			

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			

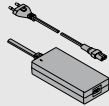
Drive unit			
	Colour	Material	
	TGR	K	Z10A3000.04
Incl. pre-mounted lever extension			

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

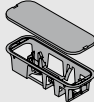
SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)				

Markets and language packages

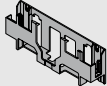
Code		
Markets		Language packages*
E	Europe	A DE, EN, FR, IT, NL
B	GB	B DA, EN, FI, NO, SV
H	IN	C EL, EN, HR, SR, SL, TR
I	IL	D EN, ES, FR, IT, PT
K	AU	E CS, HU, PL, SK
N	CN	F BG, ET, LV, LT, RO, RU, UK
R	KR	G EN, ES, FR
S	BR	H EN, ZH, KO
T	TW	I EN
U	US CA JP	J JA
Z	ZA	K EN, ES, PT

* Language code according to the ISO 639 standard

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			

Alternative

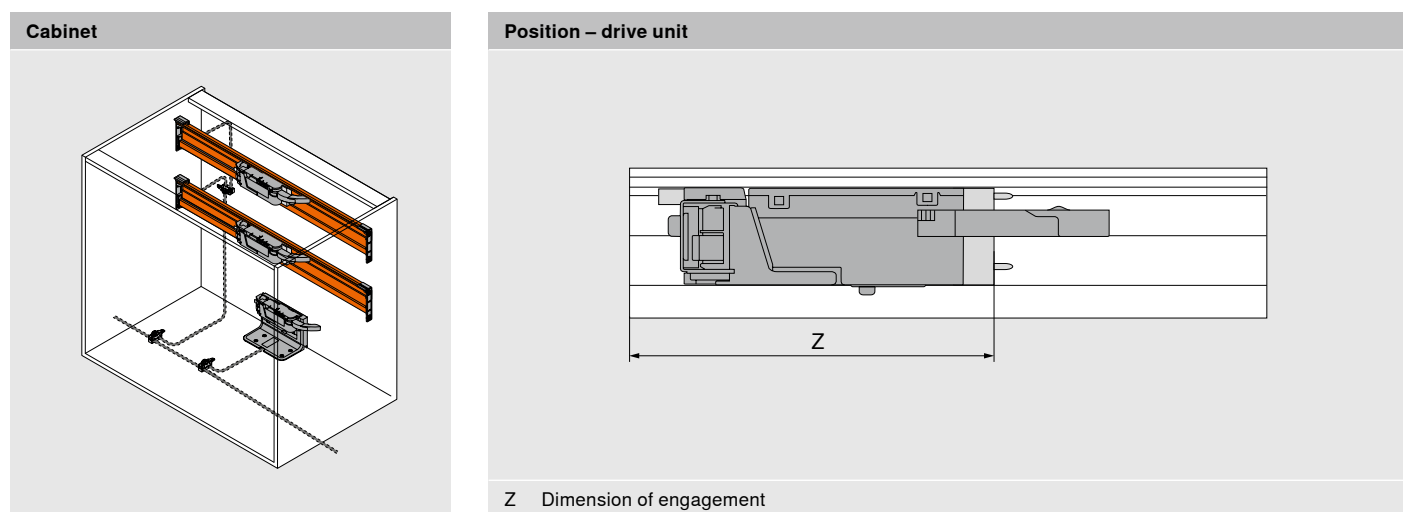
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	WGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

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

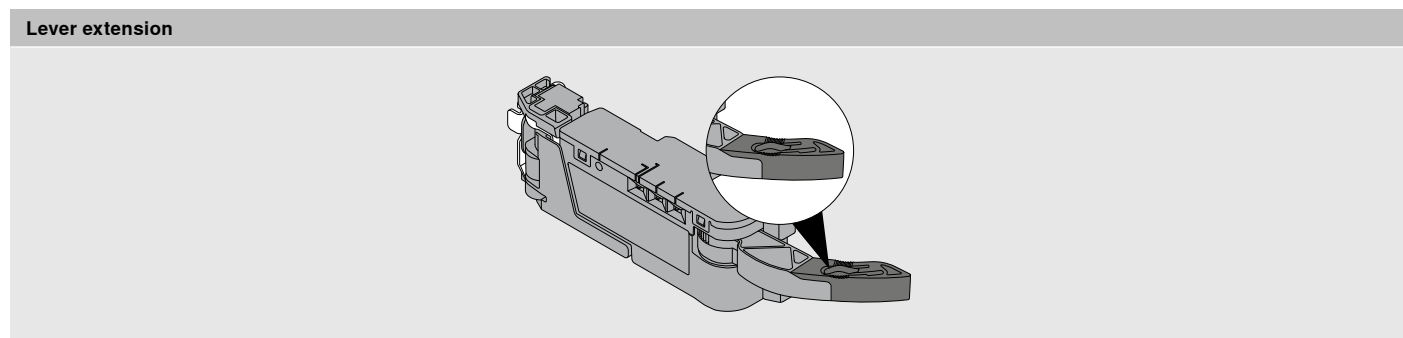
Cabinet with different drawer depths/inner drawer – horizontal bracket profile

Planning



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	●

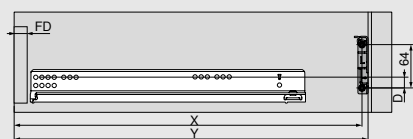
LW Internal cabinet width
Z Dimension of engagement
● Required
– Not possible



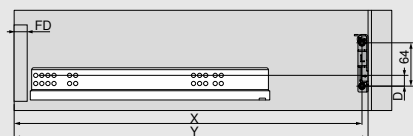
Front assembly – position of Blum distance bumper			
TANDEM			
Inner drawer			
The Blum distance bumper ensures the required trigger path of 2 mm			
Runners	Type of extension	B (mm)	C (mm)
56xH / 56xF	Full extension	16.5 ±1	12.0 +-1
55xH / 55xF	Single extension	18.5 ±0.5	13.5 ±0.5
Front thickness FD (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



TANDEM



Drawer height SKH (mm)

≥ 79

X (mm)

NL + FD + 26

Y (mm)

NL + FD + 36

FD Front thickness

NL Nominal length

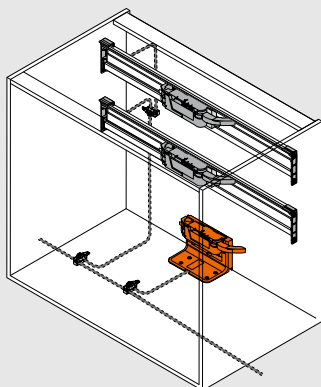
X Drilling position

Y Min. space requirement

Runner system	Drawer height SKH (mm)	Internal cabinet width LW (mm)
		≥ 429
		D (mm)
MOVENTO	≥ 79	19
TANDEM	≥ 79	19

D Distance from cabinet profile fixing position to bracket profile attachment fixing position

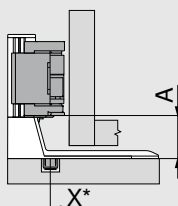
Cabinet



Position – drive unit

X Drilling position

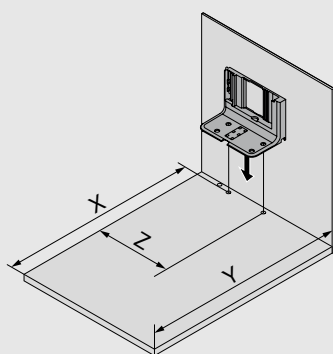
A Distance between bottom edge of attachment bracket and bottom edge of drive unit



* 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

Drilling distances – cabinet base



Drawer height SKH (mm)

≥ 79

X (mm)

NL + 16

Y (mm)

NL + 30

Z (mm)

LW / 2

LW Internal cabinet width

NL Nominal length

X Drilling position

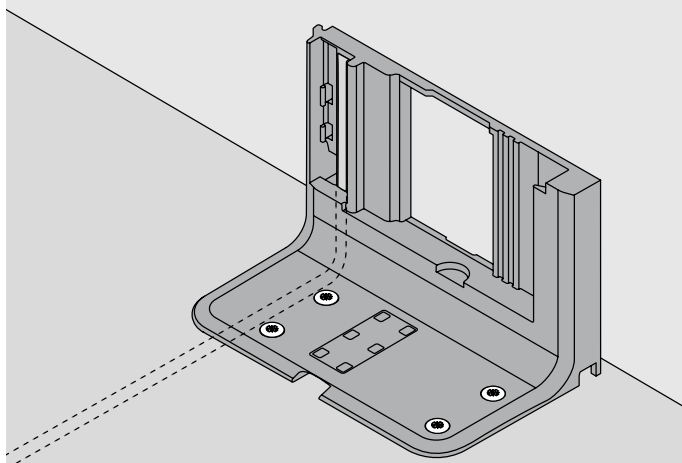
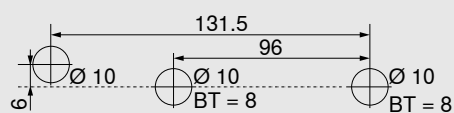
Y Min. space requirement

Z Dimension of engagement

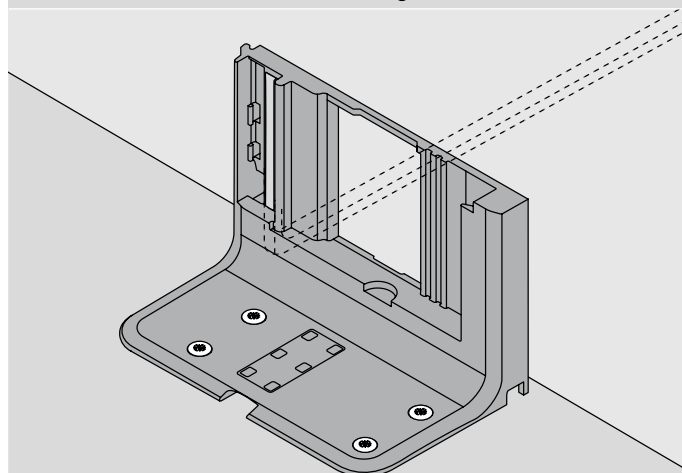
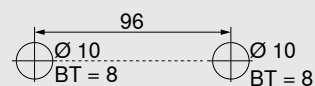
Cabinet with different drawer depths/inner drawer – horizontal bracket profile

Cabinet base – drilling pattern

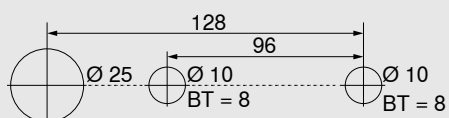
Lower cabling



Back cabling

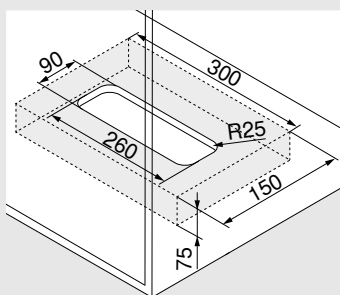


Alternative drilling pattern for MINIPRESS top and MINIPRESS

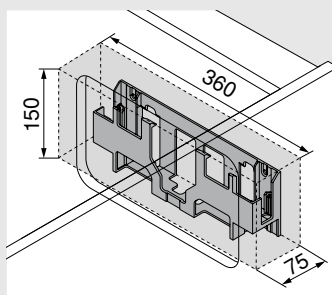


BT Drilling depth

Space requirement and safety distance – power supply unit housing



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.

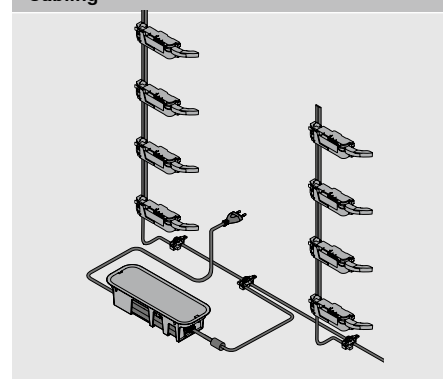
Notes

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 pull-out
- Pull-outs need not be modified
- Tool-free drive unit assembly
- Simple cabling

Cabling



Ordering information

Blum distance bumper – inner drawer		
	Ø (mm)	
	10	993.2000
	TANDEM	
Adjustable Blum distance bumper for inner drawers and inset fronts with TANDEM		

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)			
	650	Z10T650AA	750	Z10T750AA
	700	Z10T700AA	800	Z10T800AA
	710	Z10T710AA		
	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

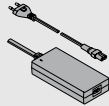
Bracket profile attachment bottom/back		
	Vertical cross member	
	Colour	Material
	TGR	K Z10D01EA.01

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

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			

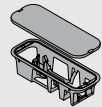
Cabinet with inset fronts

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)			

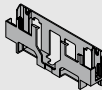
Markets and language packages

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

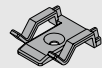
* Language code according to the ISO 639 standard

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

Alternative

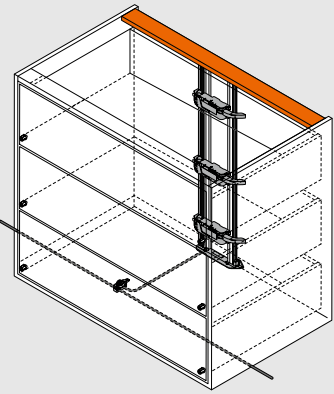
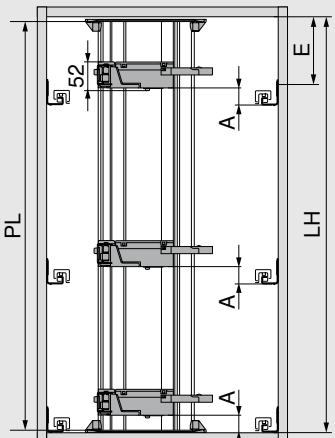
Power supply unit housing			
	Back panel/wall fixing		
	Colour	Material	
	TGR	K	Z10NG120
For SERVO-DRIVE power supply unit			

Accessories

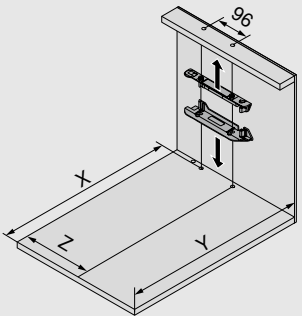
Cable holder			
	Colour	Material	
	WS	K	Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			

Cabinet with inset fronts

Planning

Cabinet	Position – drive unit
	$PL = LH - 10 \text{ mm}$
	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 runner
	

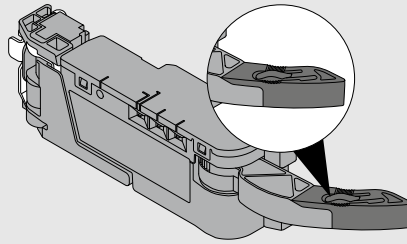
Position – drive unit		Internal cabinet width LW (mm)					
Runner system	Drawer height SKH (mm)	224–234		235–428		≥ 429	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
MOVENTO	≥ 79	–	–	60	74	35	49
TANDEM	≥ 79	55	71	55	71	35	51
A Distance between bottom edge of cabinet profile and bottom edge 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									

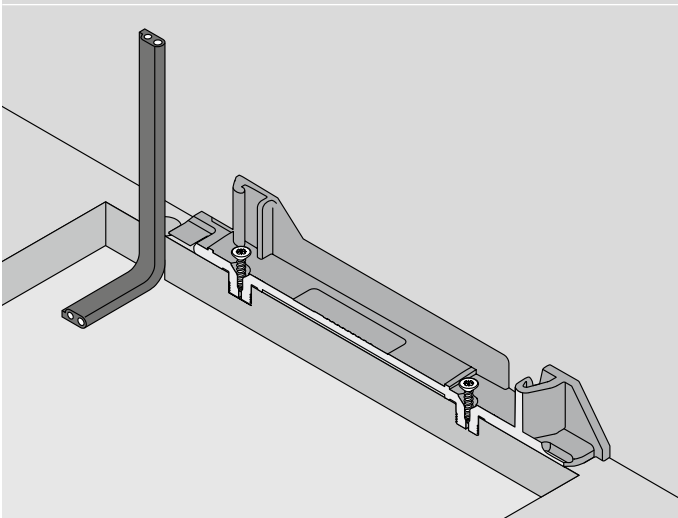
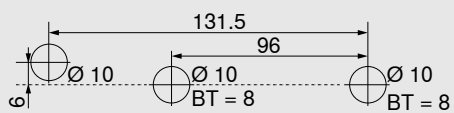
Cabinet with inset fronts

Lever extension

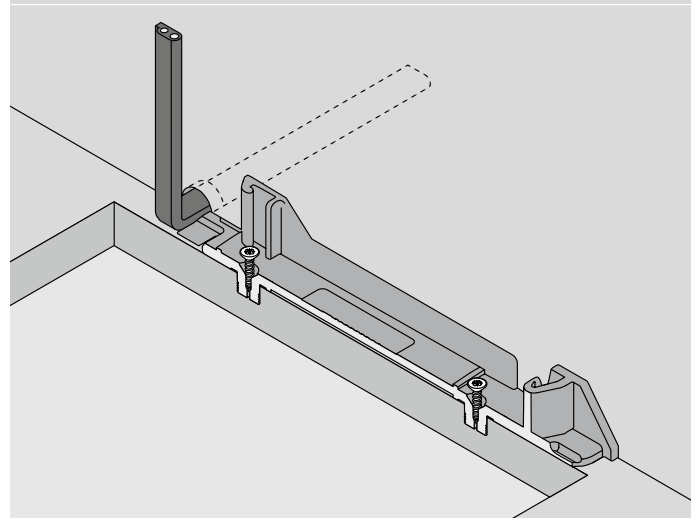
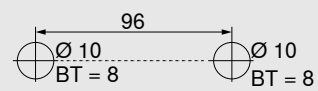


Cabinet base – drilling pattern

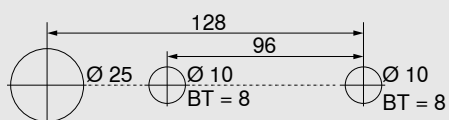
Lower cabling



Back cabling



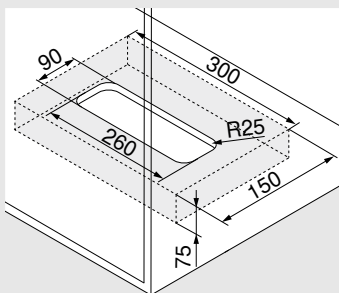
Alternative drilling pattern for MINIPRESS top and MINIPRESS



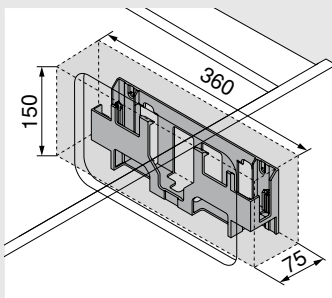
BT Drilling depth

Cabinet with inset fronts

Space requirement and safety distance – power supply unit housing



Base fixing

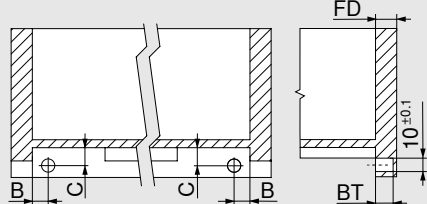


Back panel/wall fixing

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 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 / 56xF	Full extension	16.5 ±1	12.0 +-1
55xH / 55xF	Single extension	18.5 ±0.5	13.5 ±0.5
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

Notes

Bottom mount waste bin solution for box and runner systems

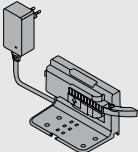


- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- Suitable for single applications
- For bottom mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Quick and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

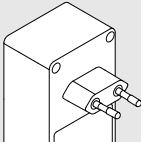
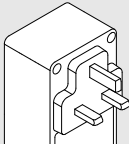
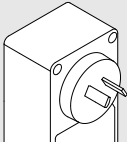
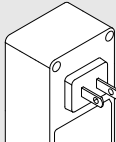
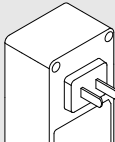


Ordering information

SERVO-DRIVE uno set

	Network adapter	Language package		Network adapter	Language package	
	E	A	Z10UB00EA	B	A	Z10UB00BA
	E	B	Z10UB00EB	B	I	Z10UB00BI
	E	C	Z10UB00EC	K	I	Z10UB00KI
	E	D	Z10UB00ED	N	H	Z10UB00NH
	E	E	Z10UB00EE	U	G	Z10UB00UG
	E	F	Z10UB00EF	U	J	Z10UB00UJ

Network adapter

E		B		K		U		N		
---	---	---	---	---	---	---	--	---	---	--

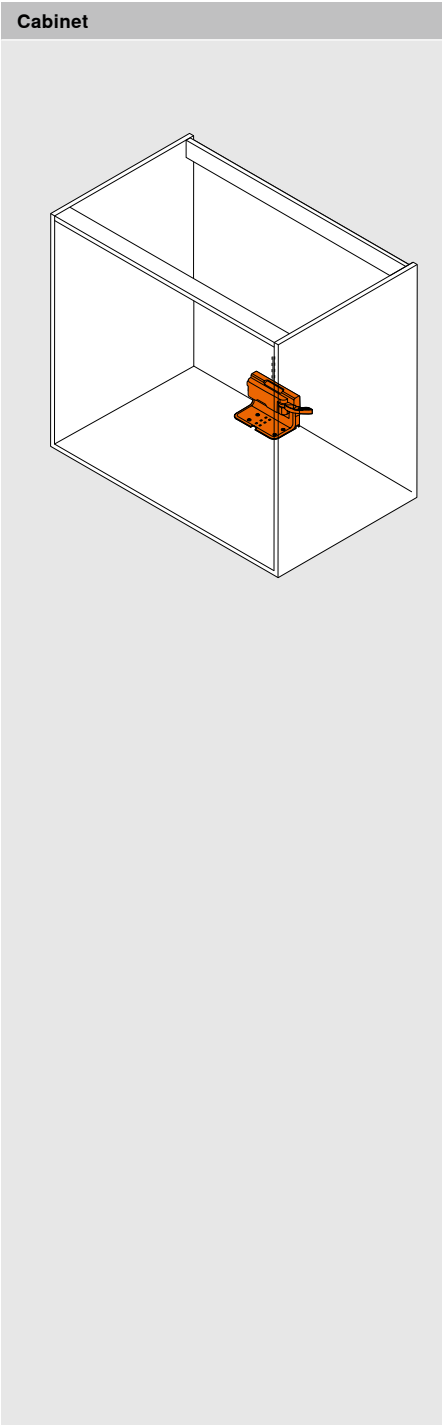
See the Information chapter of the Blum catalogue for a detailed market list.

Language package

A	DE, EN, FR, IT, NL	D	EN, ES, FR, IT, PT	G	EN, ES, FR	J	JA
B	DA, EN, FI, NO, SV	E	CS, HU, PL, SK	H	EN, ZH, KO		
C	EL, EN, HR, SL, SR, TR	F	BG, ET, LT, LV, RO, RU, UK	I	EN		

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

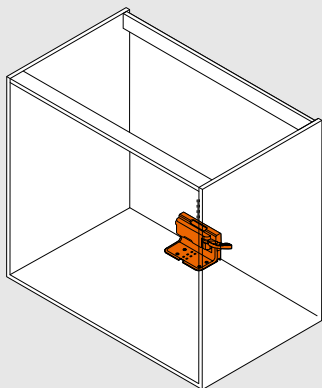
Position – drive unit – runner systems

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

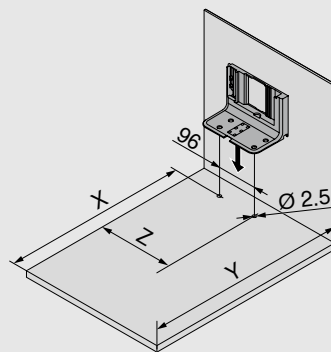
A Distance between bottom edge of attachment bracket and bottom edge of drive unit

Bottom mount waste bin solution for box and runner systems

Cabinet

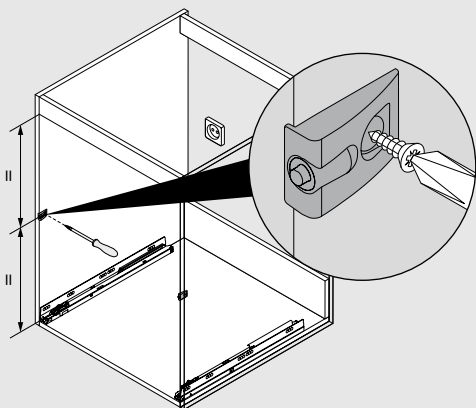


Drilling distances – cabinet base without locating bracket



	Internal cabinet width LW (mm)		
	≥ 387		
	X (mm)	Y (mm)	Z (mm)
Box systems			
Chipboard back	NL - 45	NL + 35	LW / 2
Steel back	NL - 62	NL + 18	LW / 2
	Internal cabinet width LW (mm)		
	≥ 429		
	X (mm)	Y (mm)	Z (mm)
Runner system			
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

Notes

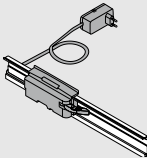
Top mount waste bin solution for TANDEMBOX



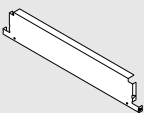
- Electrical motion support system in combination with BLUMOTION for soft and effortless closing
- Suitable for single applications
- For top mount waste bin solutions
- Also ideal for retrofitting
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Quick and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



Ordering information

SERVO-DRIVE uno set					
	Cabinet width KB (mm)	Network adapter	Language package		
	450	E	A	DE, EN, FR, IT, NL	☎ Z10UT45EA
		K	I	EN	☎ Z10UT45KI
		U	G	EN, ES, FR	☎ Z10UT45UG
	500	E	A	DE, EN, FR, IT, NL	☎ Z10UT50EA
		B	I	EN	☎ Z10UT50BI
	600	E	A	DE, EN, FR, IT, NL	☎ Z10UT60EA
			B	DA, EN, FI, NO, SV	☎ Z10UT60EB
			E	CS, HU, PL, SK	☎ Z10UT60EE
		B	I	EN	☎ Z10UT60BI
		K	I	EN	☎ Z10UT60KI
		U	G	EN, ES, FR	☎ Z10UT60UG
850	E	B	DA, EN, FI, NO, SV	☎ Z10UT85EB	
900		A	DE, EN, FR, IT, NL	☎ Z10UT90EA	
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			

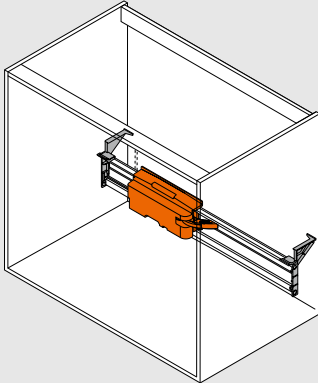
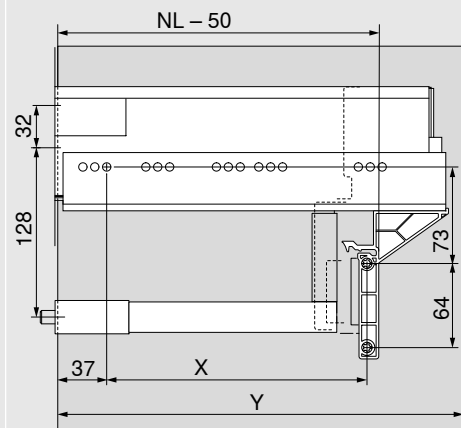
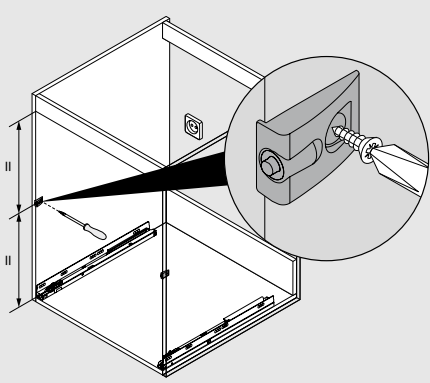
Top mount waste bin solution for TANDEMBOX

	Special back set		
	Colour	Nominal length NL (mm)	
	R9006	500	
	KB (mm)	SWD 15/16 mm	SWD 18/19 mm
	450	Z30M389S0W	Z30M383S0W
	500	Z30M439S0W	Z30M433S0W
	550	Z30M489S0W	Z30M483S0W
	600	Z30M539S0W	Z30M533S0W
	800		Z30M733S0W
	900	Z30M839S0W	Z30M833S0W
Consisting of:			
1x steel back height M			
1x steel back for waste bin pull-out			
1x attachment left/right			
1x rectangular longside gallery rail left/right			
KB Cabinet width			
SWD Cabinet side panel thickness			

Colours and material

Code	
SW	Silk white
R9006	RAL 9006 grey (white aluminium)
TS	Terra black
WS	White
GR	Grey
NI	Nickel plated
TGR	Dark grey
WGR	White grey
SZ	Black

Planning

Cabinet	Position – bracket profile attachment		Position – Blum distance bumper
			
	Box systems	Cabinet width KB (mm)	
		450–900	
		X (mm)	Y (mm)
	TANDEMBOX	NL – 96	NL + 3
The Blum distance bumper ensures the required trigger path of 2 mm			
When using a 65 kg TANDEMBOX cabinet profile, attach four Blum distance bumpers			
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

Notes

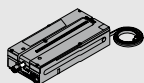


SERVO-DRIVE flex

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

Overview

Drive unit



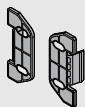
The drive unit triggers an ejection rod which opens the door. After the door is opened, the rod retracts automatically. In the event of unintentional opening, the drive unit closes the door again after 2.5, 4 or 8 seconds.

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.

Blind front fixing



The blind front fixing connects the blind front to the mounting plate and makes assembly and removal easy.

Blum distance bumper



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

Catch plate



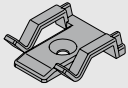
The catch plate serves as a locator for the magnetic rod in order to close the appliance door.

Cable end protector



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

Cable holder



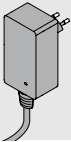
The cable holder allows you to route the SERVO-DRIVE distribution cable safely and neatly.

SERVO-DRIVE switch



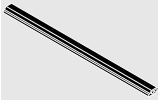
The SERVO-DRIVE switch triggers the opening signal for the appliance door and enlarges the trigger range.

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



The distribution cable supplies power to the drive units. The max. permitted operating voltage is 24 V.

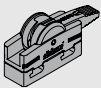
Note: This cable must not be directly connected to the mains power outlet.

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.

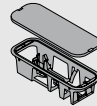
Mounting plate



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

Power supply unit housing

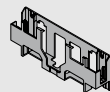
Base fixing



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

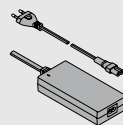
Power supply unit housing

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



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).

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



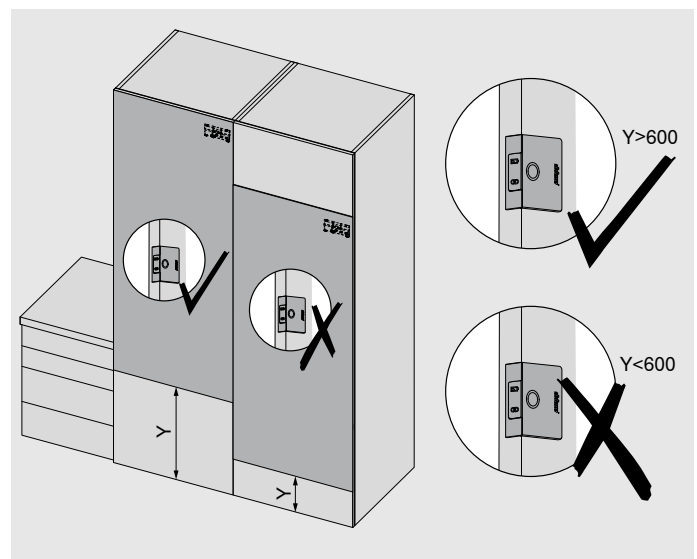
- Can be used for all standard built-in refrigerators and freezers
- Recess height (NH) < 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system/automatic adjustment of the ejection force to the stay close force of the appliance door
- Automatic self-closing system for unintentional 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

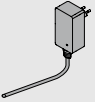
SERVO-DRIVE flex set			
	Colour	Material	
	TGR	K	Z10C500A.01
Consisting of:			
1x drive unit			
2x mounting plate			
2x blind front fixing			
1x rod cover cap			
1x catch plate			
2x Blum distance bumper			
1x connecting node			
1x cable end protector			
11x chipboard screws			
1x assembly jig			

Y > 600 mm

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



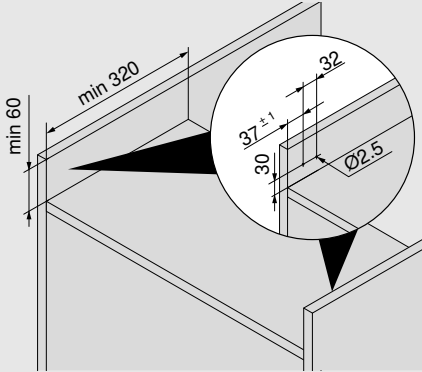
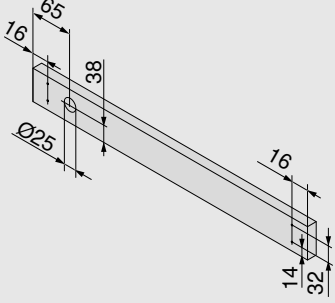
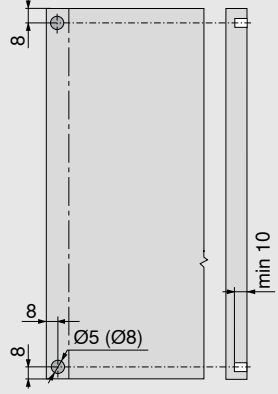
Recess height (NH) < 1700 mm

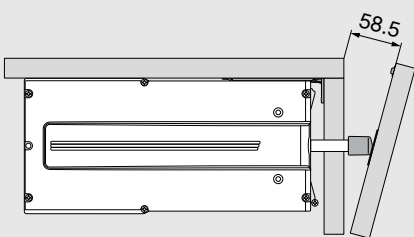
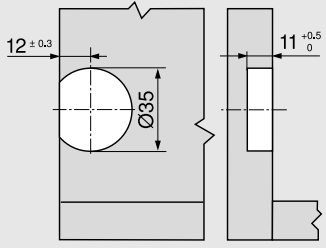
SERVO-DRIVE plug-in power supply unit					
Only suitable for one drive unit					
					
Market	Language package		Market	Language package	
E	A	☎ Z10NA40EA	E	F	☎ Z10NA40EF
E	B	☎ Z10NA40EB	B	A	☎ Z10NA40BA
E	C	☎ Z10NA40EC	K	I	☎ Z10NA40KI
E	D	☎ Z10NA40ED	N	H	☎ Z10NA40NH
E	E	☎ Z10NA40EE	U	G	☎ Z10NA40UG
☎ Item 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*	
E	Europe	A	DE, EN, FR, IT, NL
B	GB	B	DA, EN, FI, NO, SV
K	AU	C	EL, EN, HR, SL, SR, TR
N	CN	D	EN, ES, FR, IT, PT
U	US CA JP	E	CS, HU, PL, SK
		F	BG, ET, LV, LT, RO, RU, GB
		G	EN, ES, FR
		H	EN, ZH, KO
		I	EN
* Language code according to the ISO 639 standard			

Planning

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

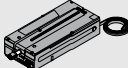
Access gap	SERVO-DRIVE switch
	 <p>Position in the worktop area</p>

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 6000 mm		Z10K600A
For cutting to size			

Recess height (NH) ≥ 1700 mm

SERVO-DRIVE power supply unit incl. flex					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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*	
E	Europe	A	DE, EN, FR, IT, NL
B	GB	B	DA, EN, FI, NO, SV
H	IN	C	EL, EN, HR, SR, SL, TR
I	IL	D	EN, ES, FR, IT, PT
K	AU	E	CS, HU, PL, SK
N	CN	F	BG, ET, LV, LT, RO, RU, GB
R	KR	G	EN, ES, FR
S	BR	H	EN, ZH, KO
T	TW	I	EN
U	US CA JP	J	JA
Z	ZA	K	EN, ES, PT

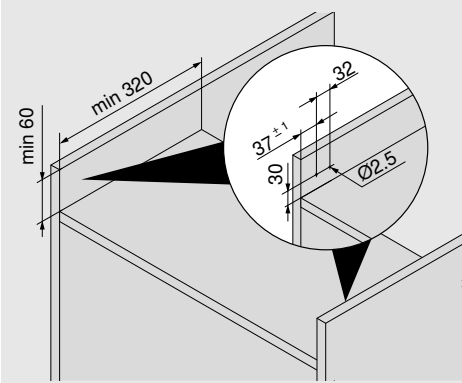
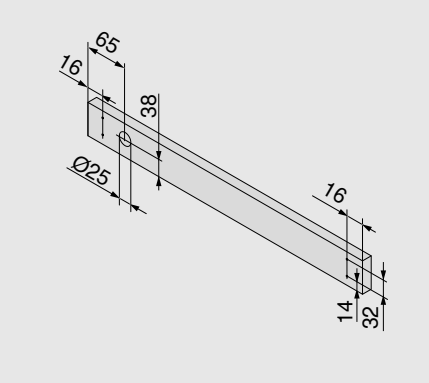
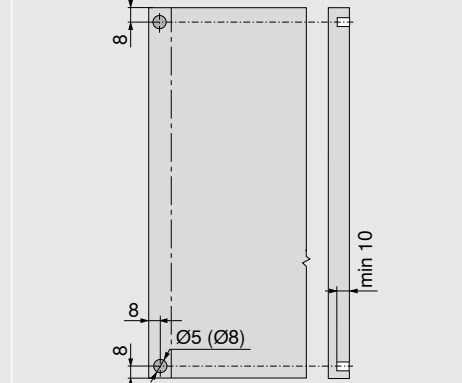
* Language code according to the ISO 639 standard

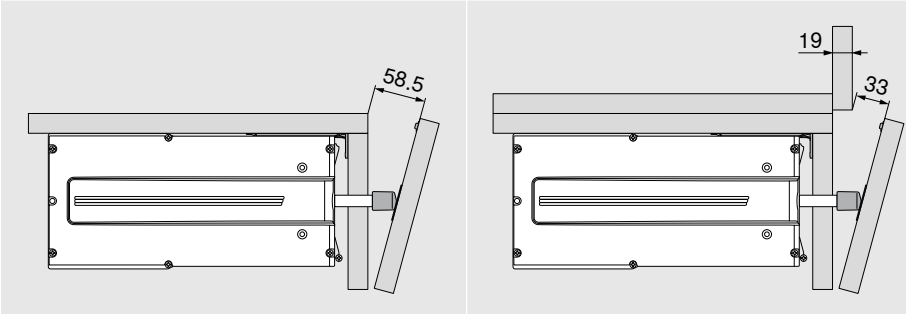
Accessories

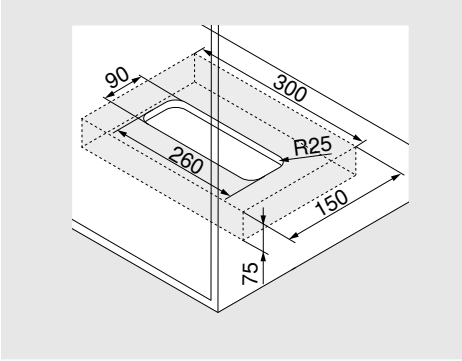
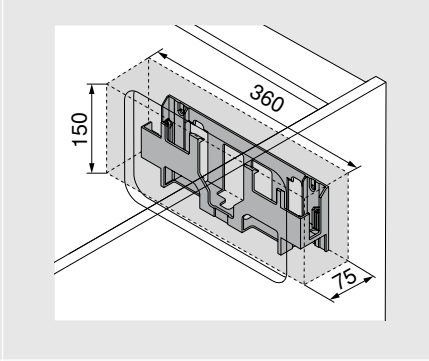
	Cable holder		
	Colour	Material	
	WS	K	Z10K0009

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		
		<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	

Notes

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

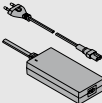
Alternative

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

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 6000 mm		Z10K600A
For cutting to size			

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

SERVO-DRIVE power supply unit incl. flex					
					
Markets	Language packages		Markets	Language packages	
E	A	Z10NE04EA	I	A	Z10NE04IA
E	B	Z10NE04EB	K	I	Z10NE04KI
E	C	Z10NE04EC	N	H	Z10NE04NH
E	D	Z10NE04ED	R	H	Z10NE04RH
E	E	Z10NE04EE	S	K	Z10NE04SK
E	F	Z10NE04EF	T	H	Z10NE04TH
E	I	Z10NE04EI	U	G	Z10NE04UG
B	A	Z10NE04BA	U	J	Z10NE04UJ
B	I	Z10NE04BI	Z	I	Z10NE04ZI
H	I	Z10NE04HI			
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)				

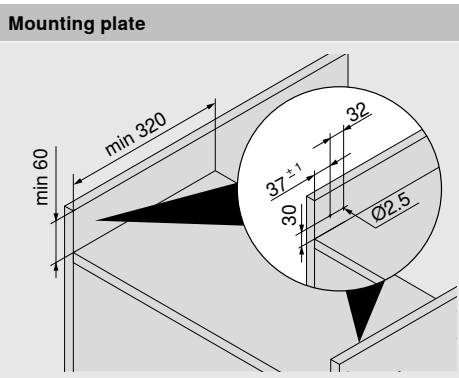
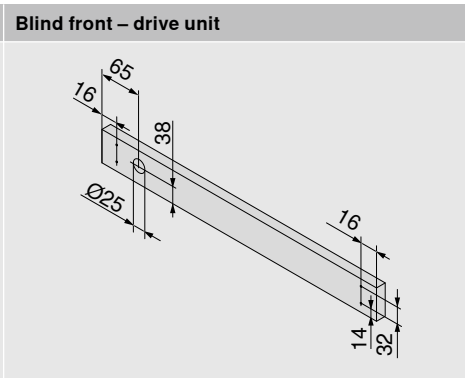
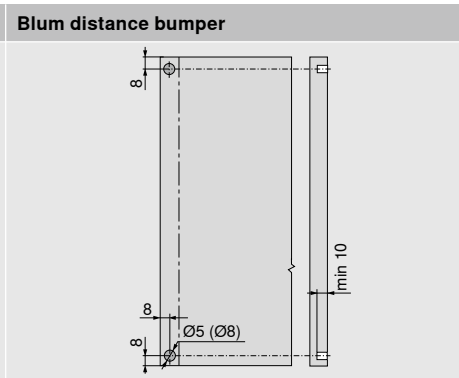
Accessories

	Cable holder		
	Colour	Material	
	WS	K	Z10K0009

Markets and language packages

Code			
Markets		Language packages*	
E	Europe	A	DE, EN, FR, IT, NL
B	GB	B	DA, EN, FI, NO, SV
H	IN	C	EL, EN, HR, SR, SL, TR
I	IL	D	EN, ES, FR, IT, PT
K	AU	E	CS, HU, PL, SK
N	CN	F	BG, ET, LV, LT, RO, RU, GB
R	KR	G	EN, ES, FR
S	BR	H	EN, ZH, KO
T	TW	I	EN
U	US CA JP	J	JA
Z	ZA	K	EN, ES, PT
* Language code according to the ISO 639 standard			

Planning

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

Access gap

Technical drawings showing the access gap dimensions for the machine. The left drawing shows a side view with a dimension of 58.5. The right drawing shows a front view with dimensions 19 and 33.

SERVO-DRIVE switch

Technical drawing showing the dimensions for the SERVO-DRIVE switch. The drawing includes a circular feature with a diameter of $\varnothing 35$ and a rectangular feature with a width of $11^{+0.5}_0$. The overall width is 12 ± 0.3 .

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		Market	Language package	
E	A	☎ Z10NA40EA	E	F	☎ Z10NA40EF
E	B	☎ Z10NA40EB	B	A	☎ Z10NA40BA
E	C	☎ Z10NA40EC	K	I	☎ Z10NA40KI
E	D	☎ Z10NA40ED	N	H	☎ Z10NA40NH
E	E	☎ Z10NA40EE	U	G	☎ Z10NA40UG
☎ Item 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*	
E	Europe	A	DE, EN, FR, IT, NL
B	GB	B	DA, EN, FI, NO, SV
K	AU	C	EL, EN, HR, SL, SR, TR
N	CN	D	EN, ES, FR, IT, PT
U	US CA JP	E	CS, HU, PL, SK
		F	BG, ET, LV, LT, RO, RU, GB
		G	EN, ES, FR
		H	EN, ZH, KO
		I	EN

* Language code according to the ISO 639 standard

Planning

Mounting plate

BD=16–19

32

37 ±1

30

Ø2.5

BD+1

min 320

BD Blind front thickness
Max. 19 mm

Blind front – drive unit

32

14

SWD+16

Ø25

38

1/2

1/2

SWD Cabinet side panel thickness

Drive unit

1/2

1/2

1/2 – 65

SWD

min 60

SWD Cabinet side panel thickness

Access gap

APÜ = 30

APÜ = 20

APÜ = 0

ZS = 0

ZS = 10

ZS = 30

16°

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

A warm, modern kitchen scene. A man in a striped shirt is cooking at a large island, smiling. A young girl with blonde hair sits on a black stool, looking at him. The kitchen has light wood flooring, a white island, and large windows. A dining table with a blue chair is visible in the background.

moving ideas

You've got ideas, and so have we. Let's combine our creativity to turn good ideas into great ones. Inspiration moves us, and we excel at bringing it to life with our top quality, innovative products, designed to meet every requirement. We also offer comprehensive services and assembly devices to make life easier still. All this enables us to realise our goal of delivering quality and easy living in the home. Let's move ideas together.



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.

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Certified Quality
System



ISO 14001
Certified Environmental
System



ISO 50001
Certified Energy
System



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