

SERVO-DRIVE

inside



SERVO-DRIVE for TANDEM plus BLUMOTION

Technical data brochure

SERVO-DRIVE for TANDEM plus BLUMOTION

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SERVO-DRIVE for TANDEM plus BLUMOTION

Standard cabinet with horizontal or vertical cross members



SERVO-DRIVE for TANDEM plus BLUMOTION

Standard cabinet with horizontal or vertical cross members

1

Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm.



A special Blum distance bumper is available for inner drawers.

2

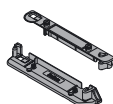
Bracket profile



The drive units are attached to the bracket profile.

3 4

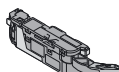
Upper/Lower bracket profile attachment for cabinet construction with horizontal cross members



These components are used to attach the bracket profile. The „back profile attachment“ including a cover cap is available for a cabinet construction with a vertical cross member.

5

Drive unit

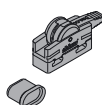


The drive unit opens the pull-out.

6

7

Connecting node + cable end protector

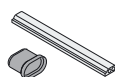


This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

8

7

Distribution cable for cutting to size + cable end protector

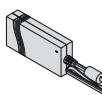


This cable is used to supply the power required by the cabinet elements and/or drive units.

The maximum permitted operating power is 24 V. The cable end protector is inserted into the „open“ end of the cable.

9

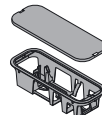
Blum transformer



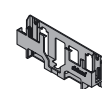
The Blum transformer can be used worldwide. It converts the country-specific mains voltage to 24 V direct current. You must use a flex with a regular plug for the respective country depending on the installation location.

11

Transformer unit housing (base fixing)



The transformer is easily and securely stored in the „base-fix“ version of the transformer unit housing.





If the transformer is attached to the wall or a vertical panel, then the „panel-fix“ version of the transformer unit housing is used.


SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Standard cabinet with horizontal or vertical cross members



1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		
	Ø 10 mm	1000 pcs.	993.2000
	Adjustable Blum distance bumper for inner drawers		

2	Bracket profile		
	Alu – cut to size with attached cables		
		10 pcs.	Z10TxxxAA
	Alternative:		
	Alu – For cutting to size – Without cable		
		10 pcs.	Z10T1170A


3	Upper bracket profile attachment for cabinet construction with horizontal cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E2.01


4	Lower bracket profile attachment for cabinet construction with horizontal or vertical cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E1

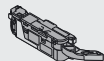
SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Standard cabinet with horizontal or vertical cross members


2a	Bracket profile cover cap for cabinet construction with vertical cross member	
	RAL 7037 dust grey	
	50 pcs.	Z10T0004


3a	Back bracket profile attachment for cabinet construction with vertical cross member	
	RAL 7037 dust grey	
	Screw fixing	
	50 pcs.	Z10D3001

5	Drive unit	
	RAL 7037 dust grey	
	20 pcs.	Z10A3000.02

6	Connecting node	
	Black	
	50 pcs.	Z10V1000.01

7	Cable end protector	
	RAL 7037 dust grey	
	100 pcs.	Z10K0008

13	Synchronisation cable	
	For the synchronisation of 2 drive units	
	Length 160 cm	10 pcs. Z10K160S
	Length 120 cm	10 pcs. Z10K120S
	Length 50 cm	10 pcs. Z10K050S
	Length 8 cm	10 pcs. Z10K008S
	Two drive units that are required to open simultaneously must be connected via the synchronisation cable.	

16	Cable holder	
	White	
	100 pcs.	Z10K0009

8, 9, 10, 11, 12	Distribution cable, Blum transformer, flex and transformer unit housing	
	See page	55

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Horizontal cross member

KB

Cabinet width

LW

Inner cabinet width

LT

Internal cabinet depth

NL

Runner system nominal length

Inner cabinet width 225 - 245 mm

Inner cabinet width 246 - 340 mm

Inner cabinet width > 340 mm

X

Drilling position

Y

Min. space requirement

Z

Distance from cabinet front edge to drilling

X

NL + 16

Y

min LT = NL + 30

Z

37

X

NL + Z - 21

Y

min LT = FS + NL + 33

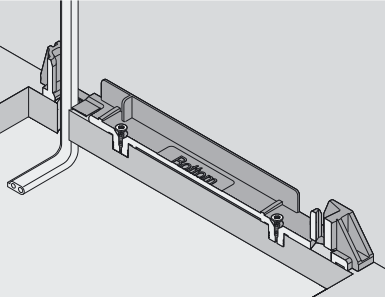
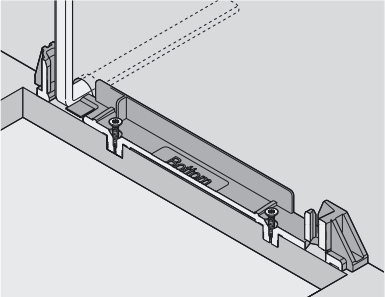
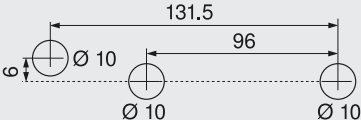
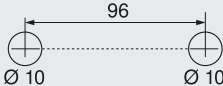
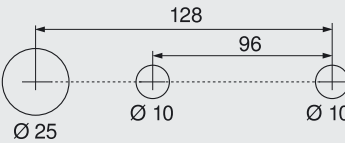
Z

FS + 39.5

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

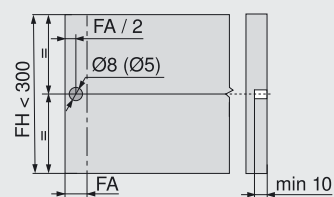
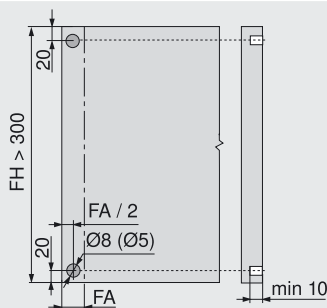
Horizontal cross member

Drilling pattern base	
	
Lower cabling	Back cabling
	
Alternative:	
	
Cabling see page 55	

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

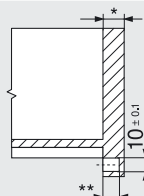
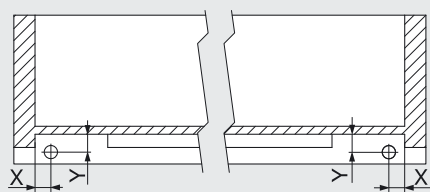
Drawer with overlay front



FA Front overlay

FH Front height

Inner drawer



Runner	X	Y
55XH	12 ± 1	13.5 ± 0.5
56XH	16.5 ± 1	18.5 ± 0.5

Front thickness*	Drilling depth**	Adjustment
13 mm	10 mm	+ 1.75/- 0.25
14.5 mm and higher	11.5 mm	± 1.75

Blum distance bumper assembly, see page

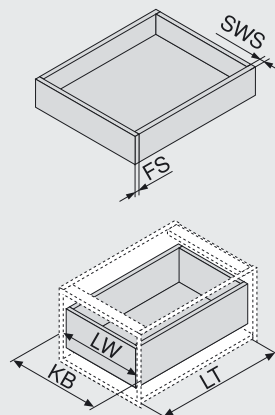
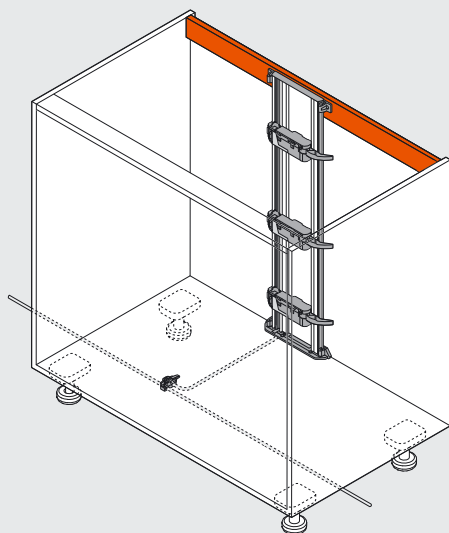
62

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

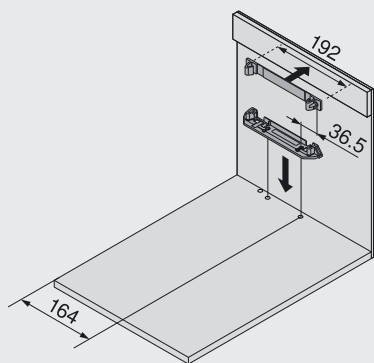
Vertical cross member

Basic element: Vertical cross member – Cabinet dimensions

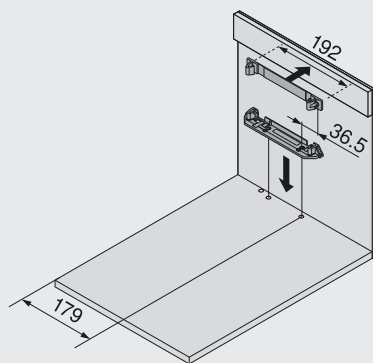


SWS	Side panel thickness
FS	Front thickness
KB	Cabinet width
LW	Inner cabinet width
LT	Internal cabinet depth
NL	Runner system nominal length

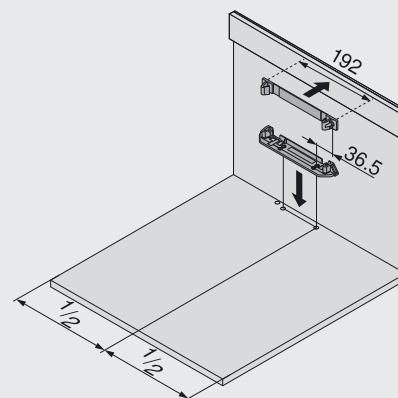
Drilling distance base / cross bar – Space requirement



Inner cabinet width 225 - 245 mm

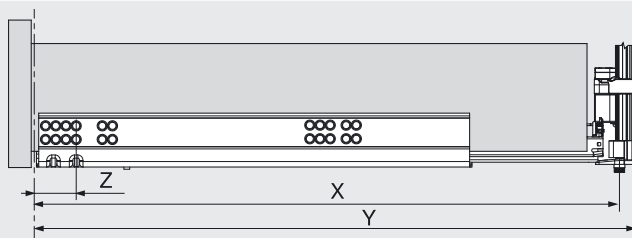


Inner cabinet width 246 - 340 mm



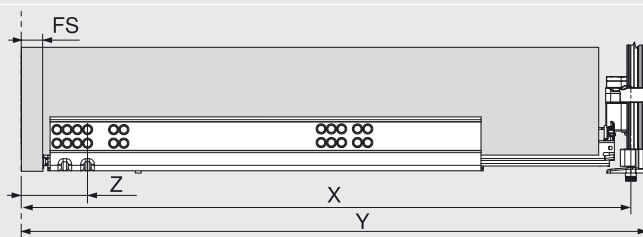
Inner cabinet width > 340 mm

Drawer with overlay front



X	Drilling position
Y	Min. space requirement
Z	Distance from cabinet front edge to drilling
X	$NL + 16$
Y	$LT = NL + 31$
Z	37

Inner drawer

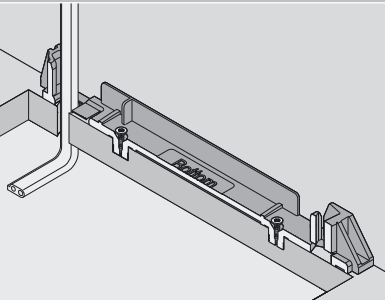
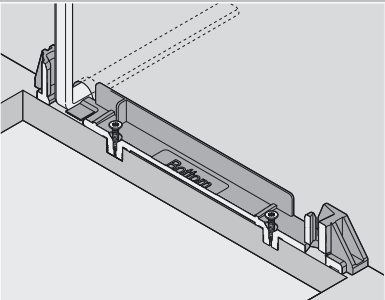
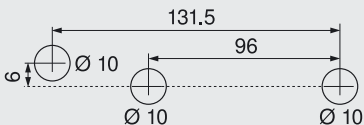
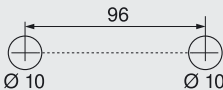
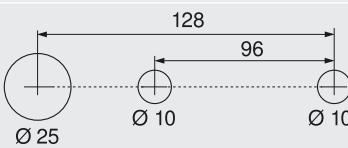


X	$NL + Z - 21$
Y	$LT = FS + NL + 33.5$
Z	$FS + 39.5$

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

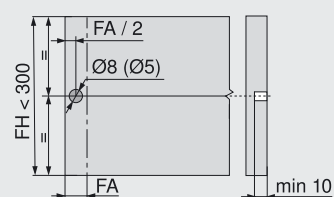
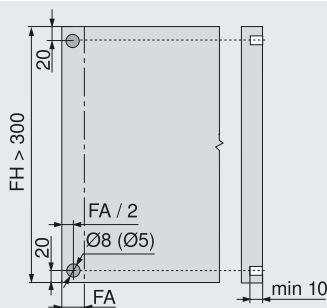
Vertical cross member

Drilling pattern base	
	
Lower cabling	Back cabling
	
Alternative:	
	
Cabling see page 55	

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

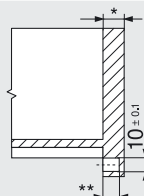
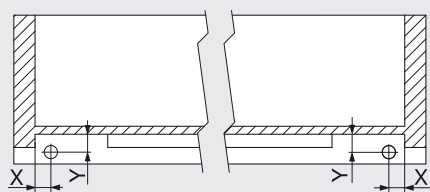
Drawer with overlay front



FA Front overlay

FH Front height

Inner drawer



Runner	X	Y
55XH	12 ± 1	13.5 ± 0.5
56XH	16.5 ± 1	18.5 ± 0.5

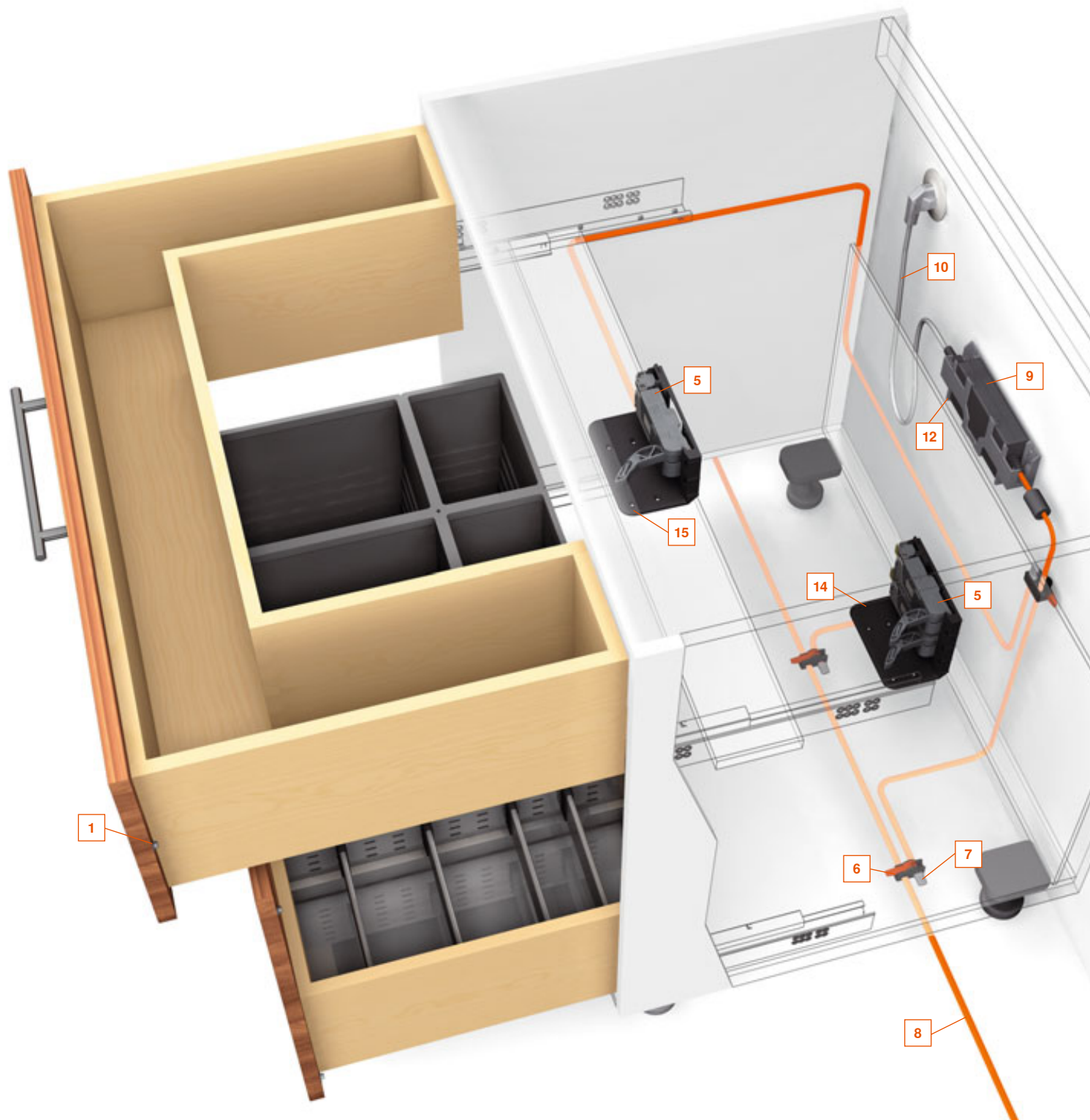
Front thickness*	Drilling depth**	Adjustment
13 mm	10 mm	+ 1.75/- 0.25
14.5 mm and higher	11.5 mm	± 1.75

Blum distance bumper assembly, see page

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SERVO-DRIVE for TANDEM plus BLUMOTION

Sink cabinet



SERVO-DRIVE for TANDEM plus BLUMOTION

Sink cabinet

1

Blum distance bumper

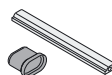


The Blum distance bumper creates and maintains the required trigger path of 2 mm.

8

7

Distribution cable for cutting to size + cable end protector



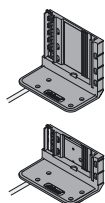
This cable is used to supply the power required by the cabinet elements and/or drive units.

The max. permitted operating power is 24V. The cable end protector is inserted into the „open“ end of the cable.

14

15

Attachment bracket 2 tier, 1 tier

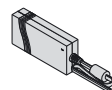


Attachment brackets can be used when only individual pull-out elements are being operated or when the installation situation does not permit a continuous bracket profile.

9

10

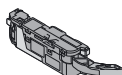
Blum transformer + flex



The Blum transformer can be used worldwide. It converts the country-specific mains voltage to 24V direct current. You must use a flex with a regular plug for the respective country depending on the installation location.

5

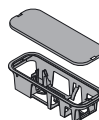
Drive unit



The drive unit opens the pull-out.

12

Transformer housing (panel fixing)

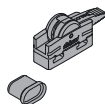


The transformer is easily and securely stored in the „base-fix“ version of the transformer unit housing.

6

7

Connecting node + cable end protector



This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

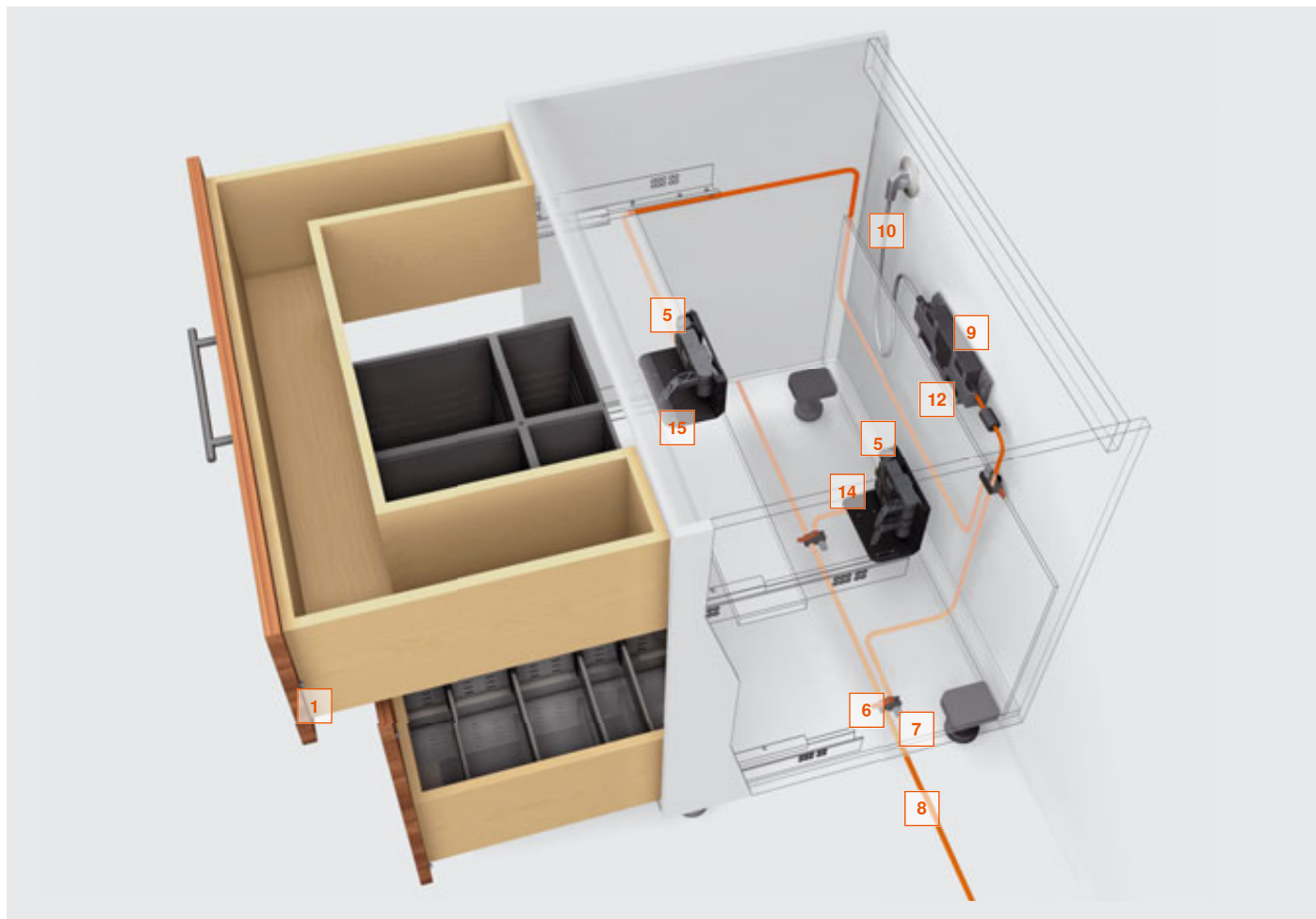



If the transformer is attached to the wall or a vertical panel, then the „panel-fix“ version of the transformer unit housing is used.

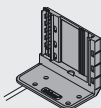
SERVO-DRIVE for TANDEM plus BLUMOTION

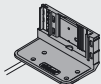
Order specification


Sink cabinet



1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		

14	Attachment bracket 2 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7201
	For 2 drive units		


15	Attachment bracket 1 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7101
	For 1 drive unit		


5	Drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10A3000.02


SERVO-DRIVE for TANDEM plus BLUMOTION

Order specification

Sink cabinet

6	Connecting node	
	Black	
	50 pcs.	Z10V1000.01

7	Cable end protector	
	RAL 7037 dust grey	
	100 pcs.	Z10K0008

16	Cable holder	
	White	
	100 pcs.	Z10K0009

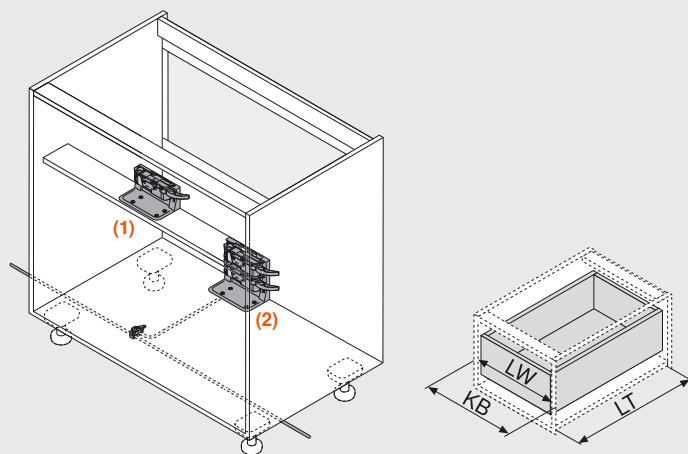
8, 9, 10, 11, 12	Distribution cable, Blum transformer, flex and transformer unit housing	
	See page	55

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Sink cabinet – attachment bracket 1 tier

Basic element: Sink cabinet – Cabinet dimensions

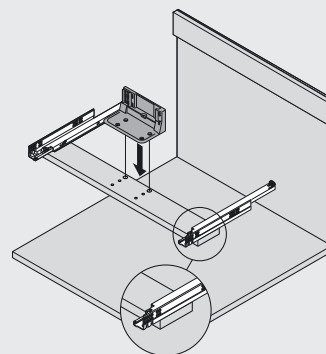


KB Cabinet width

LW Inner cabinet width

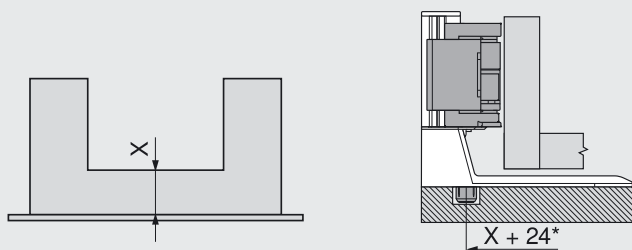
LT Internal cabinet depth

(1) Cross member position – Attachment bracket 1 tier



Cabinet width 900 mm and higher

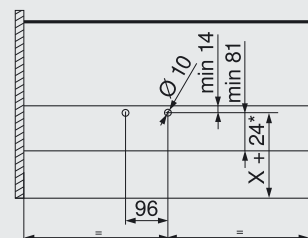
(1) Position of drive unit – Attachment bracket 1 tier – Cross member



* Measured from cabinet front edge

(1) Cross member drilling pattern – Attachment bracket 1 tier

Plan view:



Drilling depth 8 mm

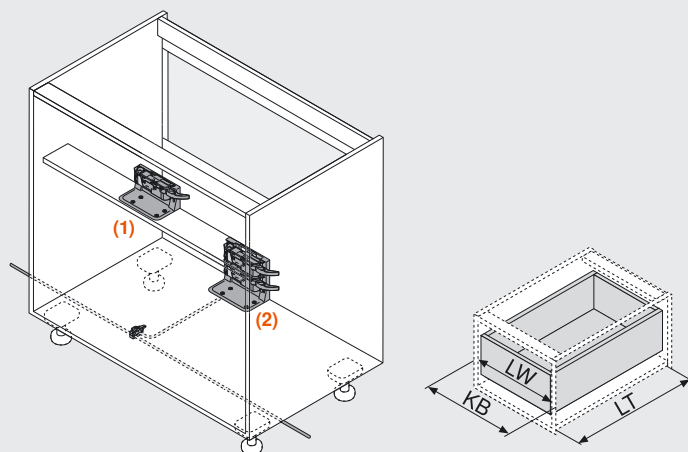
* Measured from cabinet front edge

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

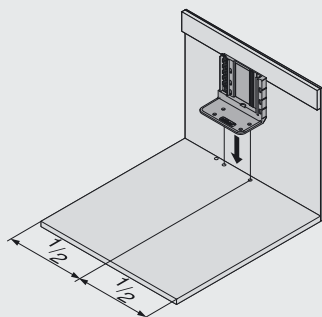
Sink cabinet – attachment bracket 2 tier

Basic element: Sink cabinet – Cabinet dimensions



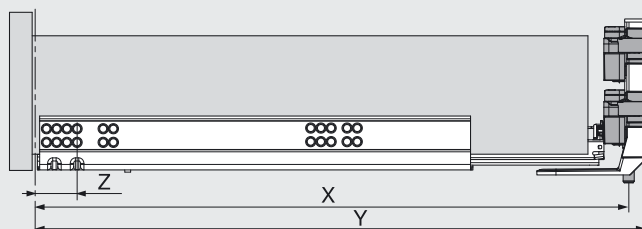
KB	Cabinet width
LW	Inner cabinet width
LT	Internal cabinet depth

(2) Drilling distance base – Space requirement



Cabinet width 900 mm and higher

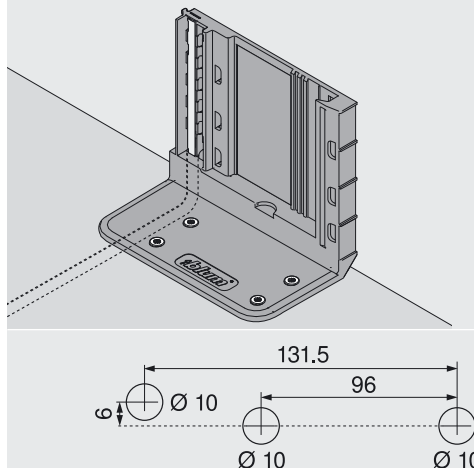
Drawer with overlay front



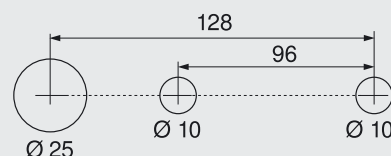
X	Drilling position
Y	Min. space requirement
Z	Distance from cabinet front edge to drilling

X	NL + 16
Y	min LT = NL + 30
Z	37

(2) Base drilling pattern – Attachment bracket 2 tier



Alternative:



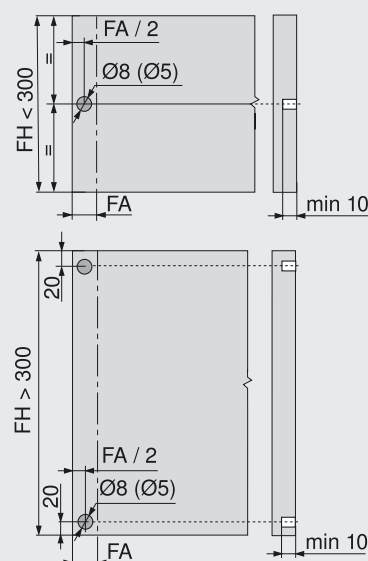
Cabling see page

55

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

Drawer with overlay front



FA Front overlay

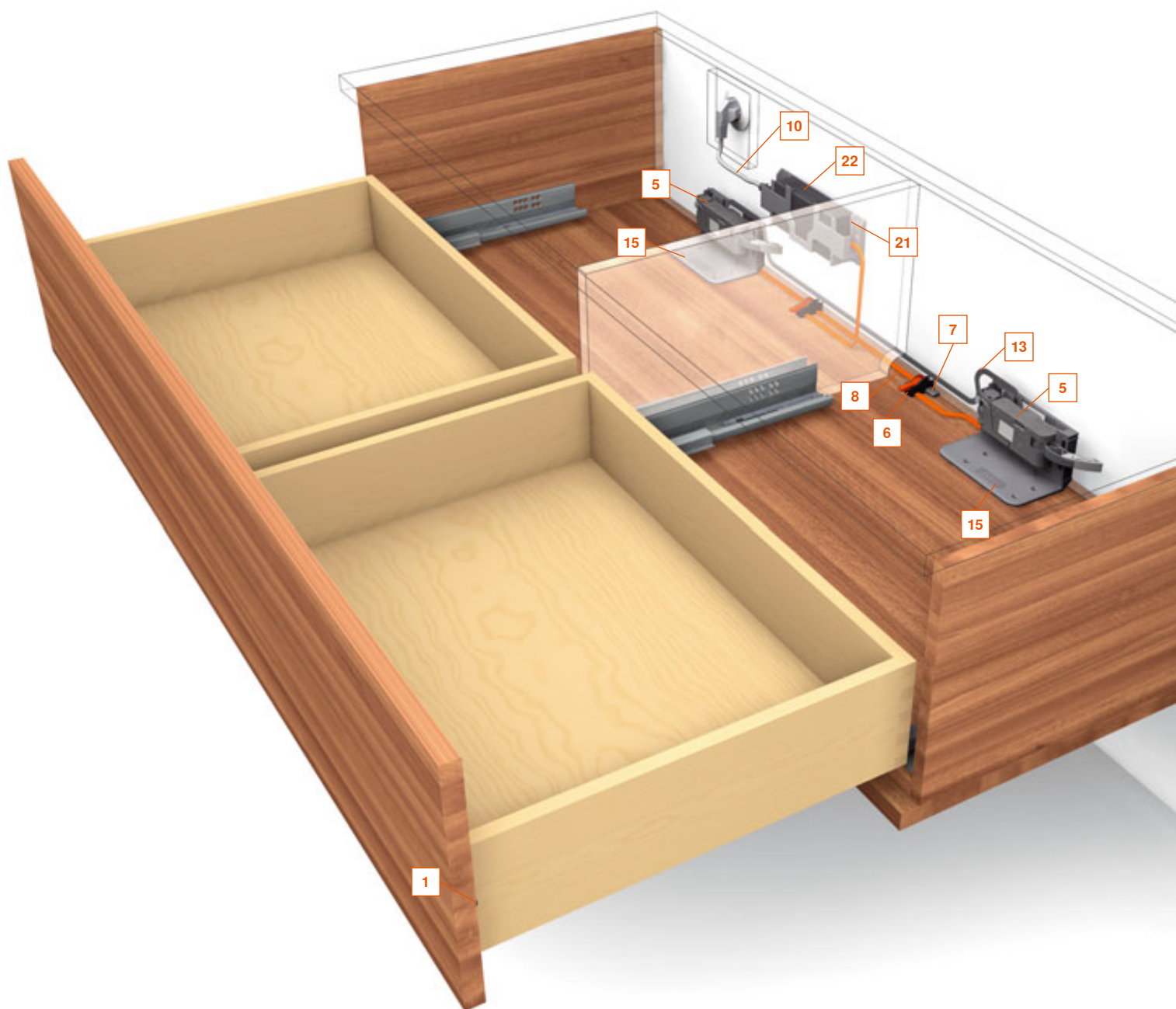
FH Front height

Blum distance bumper assembly, see page

62

SERVO-DRIVE for TANDEM plus BLUMOTION

Two drawers with a continuous front



SERVO-DRIVE for TANDEM plus BLUMOTION

Two drawers with a continuous front

1

Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm.

13

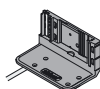
Synchronisation cable



This cable connects two drive units that should open simultaneously.

15

Attachment bracket 1 tier

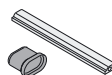


Attachment brackets can be used when only individual pull-out elements are being operated or when the installation situation does not permit a continuous bracket profile.

8

7

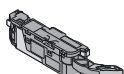
Distribution cable for cutting to size + cable end protector



This cable is used to supply the power required by the cabinet elements and/or drive units. The maximum permitted operating power is 24 V. The cable end protector is inserted into the „open“ end of the cable.

5

Drive unit

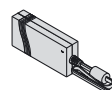


The drive unit opens the pull-out.

22

10

Blum transformer + flex

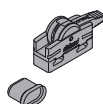


The Blum transformer can be used worldwide. It converts the country-specific mains voltage to 24 V direct current. You must use a flex with a regular plug for the respective country depending on the installation location.

6

7

Connecting node + cable end protector



This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

21

Transformer unit housing (panel fixing) – Cabling in the cabinet

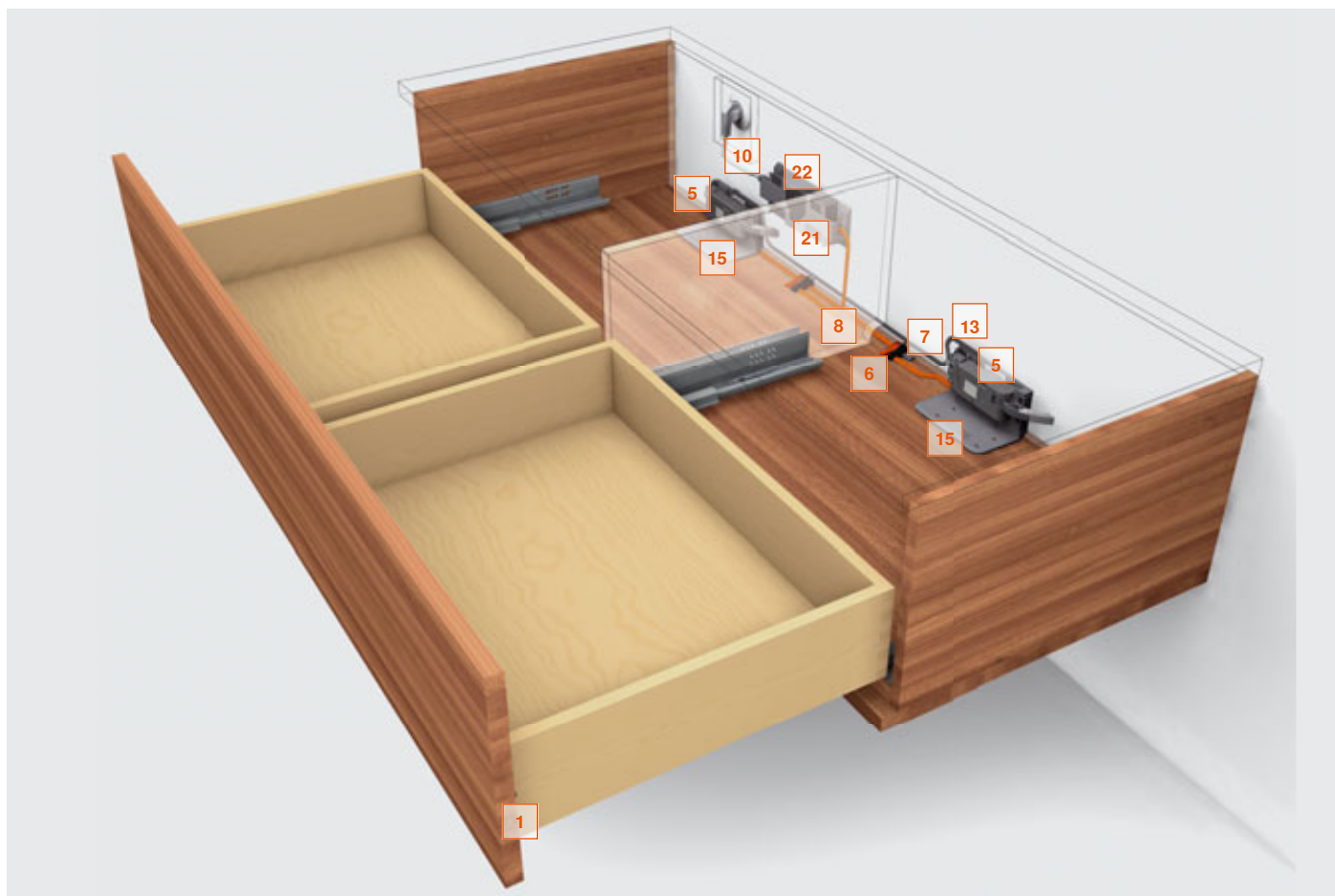



If the transformer is attached to the wall or a vertical panel, then the „panel-fix“ version of the transformer unit housing is used.


SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Two drawers with a continuous front





1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		

5	Drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10A3000.02

6	Connecting node		
	Black		
		50 pcs.	Z10V1000.01

7	Cable end protector		
	RAL 7037 dust grey		
		100 pcs.	Z10K0008

13	Synchronisation cable		
	For the synchronisation of 2 drive units		
	Length 160 cm	10 pcs.	Z10K160S
	Length 120 cm	10 pcs.	Z10K120S
	Length 50 cm	10 pcs.	Z10K050S
	Length 8 cm	10 pcs.	Z10K008S
	Two drive units that are required to open simultaneously must be connected via the synchronisation cable.		

15	Attachment bracket 1 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7101
	For 1 drive unit		

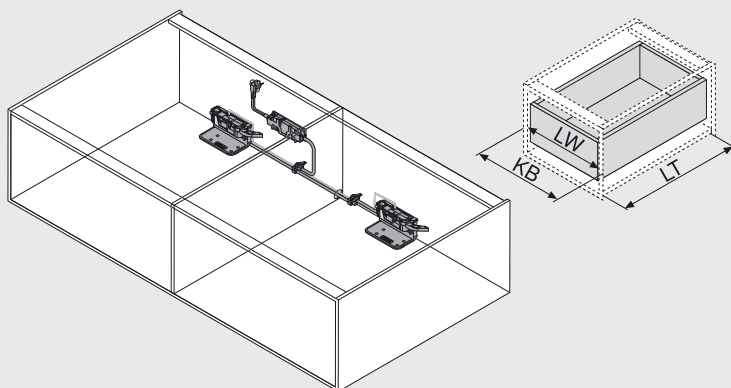
8, 22, 10, 21	Distribution cable, Blum transformer, flex and transformer unit housing		
	See page 59		

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Two drawers with a continuous front

Basic element: Two drawers with a continuous front – Cabinet dimensions

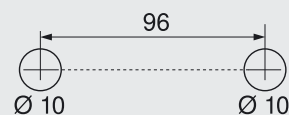


KB Cabinet width

LW Inner cabinet width

LT Internal cabinet depth

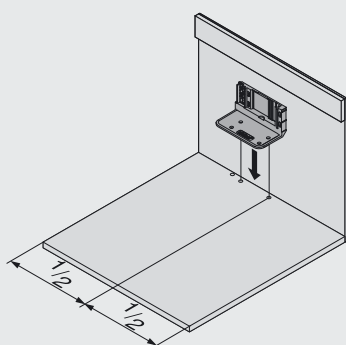
Drilling pattern base



Cabling see page

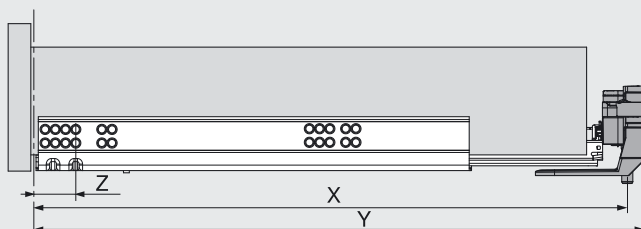
59

Drilling distance base – Space requirement



Inner cabinet width > 340 mm

Drawer with overlay front



X Drilling position

Y Min. space requirement

Z Distance from cabinet front edge to drilling

X NL + 16

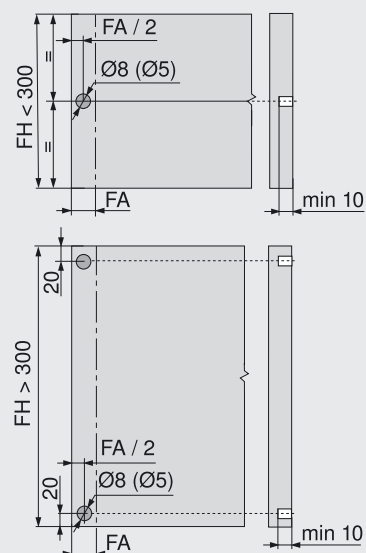
Y min LT = NL + 30

Z 37

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

Drawer with overlay front



FA Front overlay

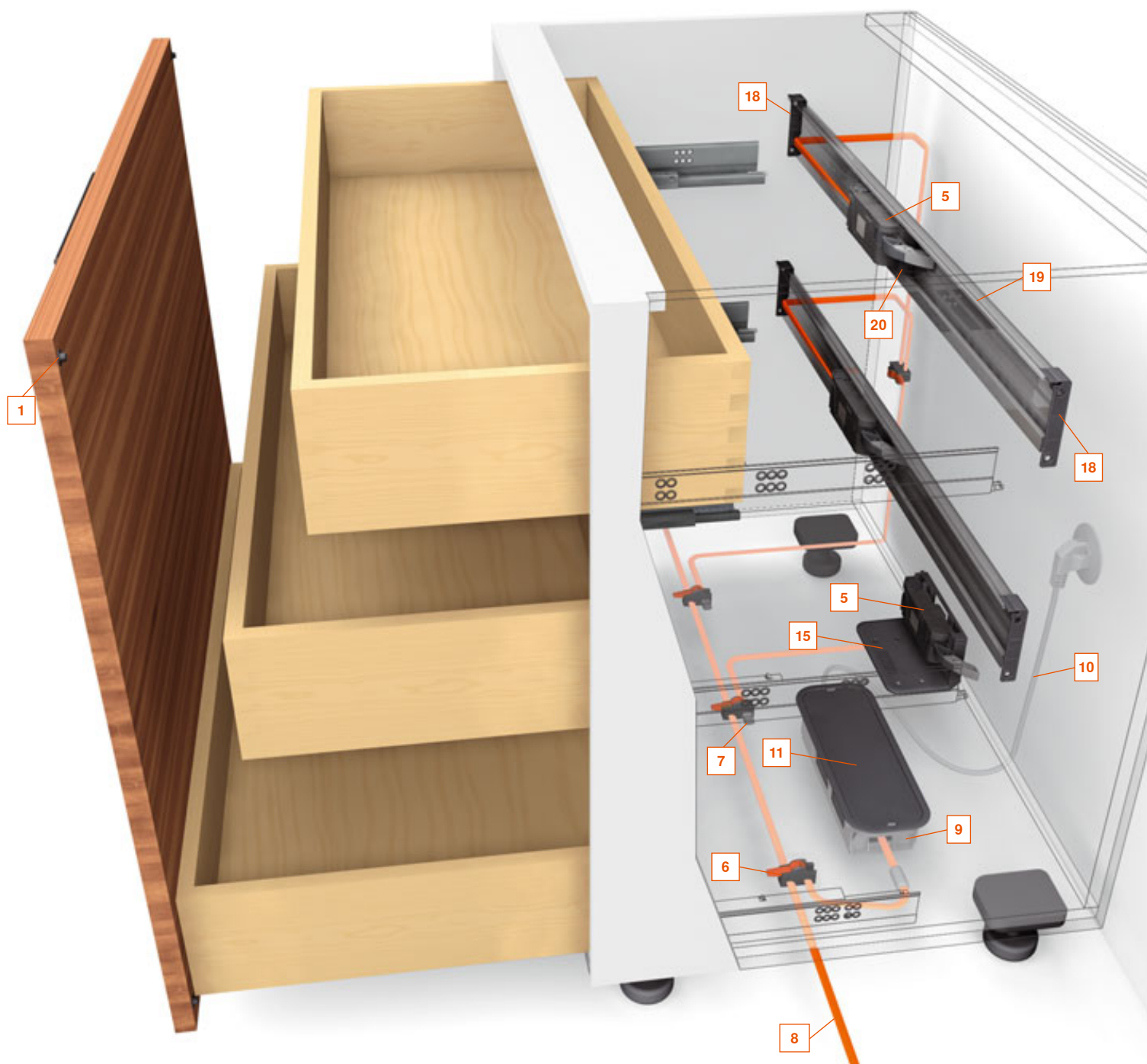
FH Front height

Blum distance bumper assembly, see page

62

SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with different drawer depths



SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with different drawer depths

1

Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.



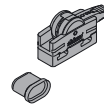
A special Blum distance bumper is available for inner drawers.

6

7

Connecting node + cable end protector

This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

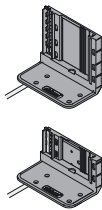


14

15

Attachment bracket 2 tier, 1 tier

Attachment brackets can be used when only individual pull-out elements are being operated or when the installation situation does not permit a continuous bracket profile.



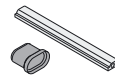
8

7

Distribution cable for cutting to size + cable end protector

This cable is used to supply the power required by the cabinet elements and/or drive units.

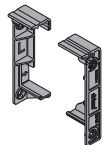
The maximum permitted operating power is 24 V. The cable end protector is inserted into the „open“ end of the cable.



18

Bracket profile attachment for bracket profile horizontal

These components are used to attach the bracket profile horizontal.

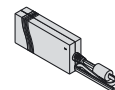


9

10

Blum transformer + flex

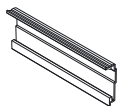
The Blum transformer can be used worldwide. It converts the country-specific mains voltage to 24 V direct current. You must use a flex with a regular plug for the respective country depending on the installation location.



19

Bracket profile horizontal

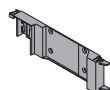
The drive unit is attached to the bracket profile.



20

Bracket profile adapter for drive unit

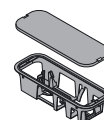
This adapter is used to position the drive unit on the bracket profile.



11

Transformer unit housing (base fixing)

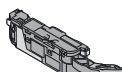
The transformer is easily and securely stored in the „base-fix“ version of the transformer unit housing.



5

Drive unit

The drive unit opens the pull-out.





If the transformer is attached to the wall or a vertical panel, then the „panel-fix“ version of the transformer unit housing is used.


SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Cabinet with different drawer depths



1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		
	Ø 10 mm	1000 pcs.	993.2000
	Adjustable Blum distance bumper for inner drawers		

5	Drive unit	
	RAL 7037 dust grey	
		Z10A3000.02

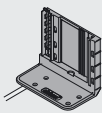
6	Connecting node	
	Black	
	50 pcs.	Z10V1000.01

7	Cable end protector	
	RAL 7037 dust grey	
	100 pcs.	Z10K0008

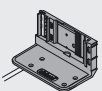
SERVO-DRIVE for TANDEM plus BLUMOTION

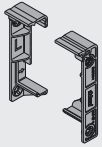
Order specification

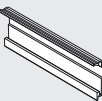
Cabinet with different drawer depths

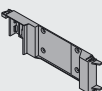
14	Attachment bracket 2 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7201
	Up to inner cabinet width 420 mm		

Alternative:

15	Attachment bracket 1 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7101
	Inner cabinet width 420 mm and higher		

18	Bracket profile attachment		
	For bracket profile horizontal		
	Screw-on		
	RAL 7037 dust grey		
	Left	50 pcs.	Z10D5011
	Right	50 pcs.	Z10D5011
	Chipboard screws or system screws can be used		

19	Bracket profile horizontal		
	Alu		
	Cabinet width 275	20 pcs.	Z10T218B
	Cabinet width 300	20 pcs.	Z10T243B
	Cabinet width 350	10 pcs.	Z10T293B
	Cabinet width 400	10 pcs.	Z10T343B
	Cabinet width 450	10 pcs.	Z10T393B
	Cabinet width 500	10 pcs.	Z10T443B
	Cabinet width 550	10 pcs.	Z10T493B
	Cabinet width 600	10 pcs.	Z10T543B
	Cabinet width 800	10 pcs.	Z10T743B
	Cabinet width 900	10 pcs.	Z10T843B
	Cabinet width 1000	10 pcs.	Z10T943B
	Cabinet width 1,200	10 pcs.	Z10T1143B

20	Adapter for drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10T00B2

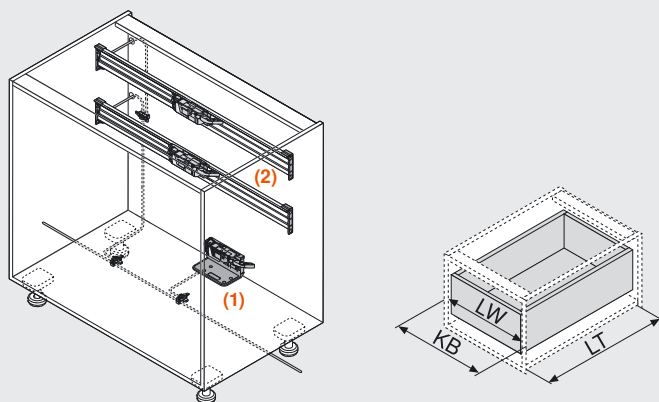
8, 9, 10, 11, 12	Distribution cable, Blum transformer, flex and transformer unit housing		
		See page	55

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

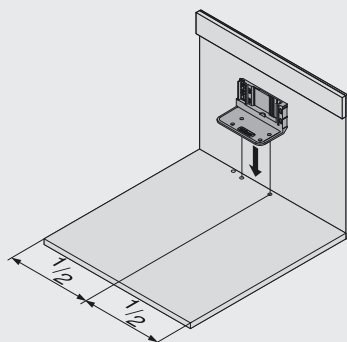
Cabinet with different drawer depths – Attachment bracket 1 tier, 2 tier

Basic element: Cabinet with different drawer depths – Cabinet dimensions



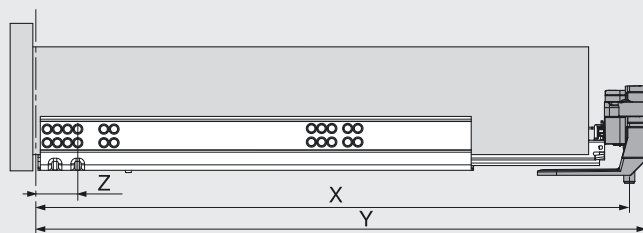
KB	Cabinet width
LW	Inner cabinet width
LT	Internal cabinet depth

(1) Drilling distance base – Space requirement



Inner cabinet width > 340 mm

Drawer with overlay front



NL Runner system nominal length

X Drilling position

Y Min. space requirement

Z Distance from cabinet front edge to drilling

X NL + 16

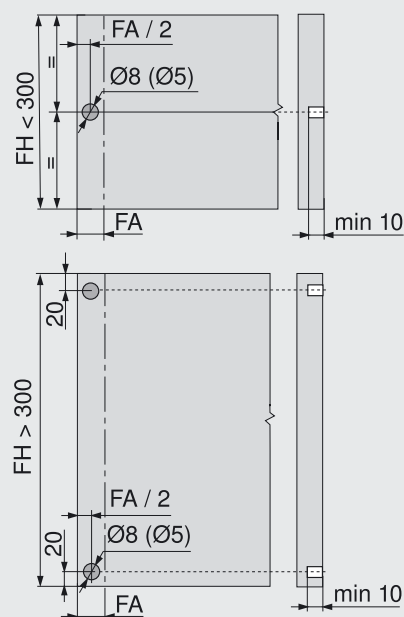
Y min LT = NL + 30

Z 37

(1) Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

Drawer with overlay front



FA Front overlay

FH Front height

Blum distance bumper assembly, see page

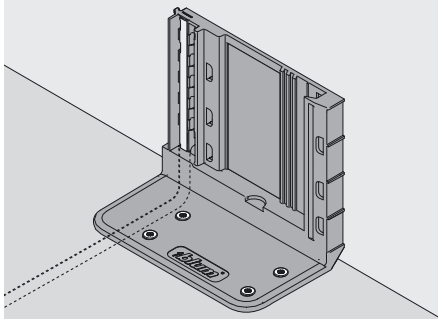
62

SERVO-DRIVE for TANDEM plus BLUMOTION

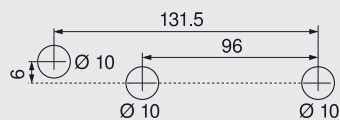
Planning Information

Cabinet with different drawer depths – Attachment bracket 1 tier, 2 tier

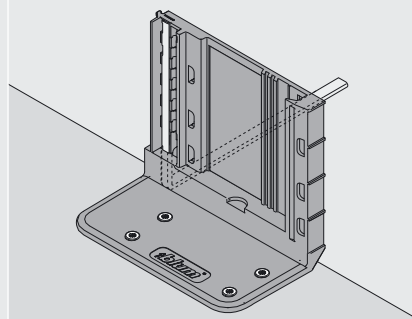
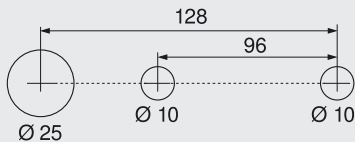
(1) Drilling pattern base



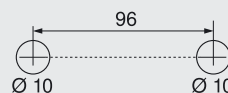
Lower cabling



Alternative:



Back cabling



Cabling see page

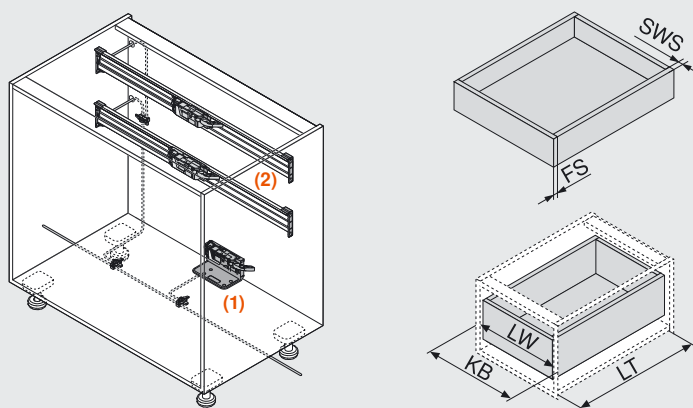
55

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Cabinet with different drawer depths – Bracket profile horizontal

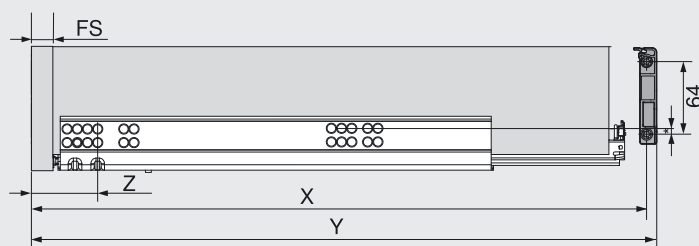
Basic element: Cabinet with different drawer depths – Cabinet dimensions



SWS	Side panel thickness
FS	Front thickness
KB	Cabinet width
LW	Inner cabinet width
LT	Internal cabinet depth
NL	Runner system nominal length

(2) Drilling distance – Space requirement

Inner drawer



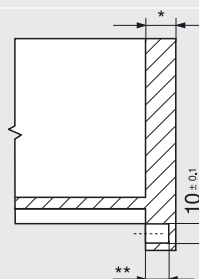
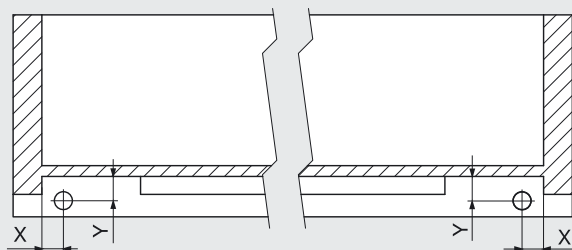
X	Drilling position
Y	Min. space requirement
Z	Distance from cabinet front edge to drilling
X	$NL + Z - 13$
Y	$\min LT = FS + NL + 36$
Z	$FS + 39.5$

Inner cabinet width	*
< 420 mm	4
> 420 mm	19

Cablings see page 55

(2) Front assembly: Position of Blum distance bumper

Inner drawer



Runner	X	Y	Front thickness*	Drilling depth**	Adjustment
55XH	12 ± 1	13.5 ± 0.5	13 mm	10 mm	+ 1.75/- 0.25
56XH	16.5 ± 1	18.5 ± 0.5	14.5 mm and higher	11.5 mm	± 1.75

Blum distance bumper assembly, see page 62

SERVO-DRIVE for TANDEM plus BLUMOTION

SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with individual drawer



SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with individual drawer

1

Blum distance bumper



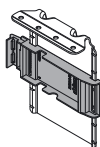
The Blum distance bumper creates and maintains the required trigger path of 2 mm.



A special Blum distance bumper is available for inner drawers.

21

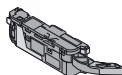
Upper attachment bracket with pre-mounted adapter for drive unit



Secure the drive unit to the adapter for the upper attachment bracket.

5

Drive unit

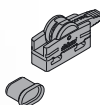


The drive unit opens the pull-out.

6

7

Connecting node + cable end protector

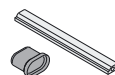


This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

8

7

Distribution cable for cutting to size + cable end protector



This cable is used to supply the power required by the cabinet elements.



The maximum permitted operating power is 24 V. The cable end protector is inserted into the „open“ end of the cable.

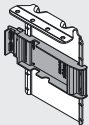
SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification

Cabinet with individual drawer



1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		
	Ø 10 mm	1000 pcs.	993.2000
	Adjustable Blum distance bumper for inner drawers		


21	Upper attachment bracket		
	RAL 7037 dust grey		
		10 pcs.	Z10D6252
	with pre-mounted adapter for the drive unit		

5	Drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10A3000.02


SERVO-DRIVE for TANDEM plus BLUMOTION

Order specification

Cabinet with individual drawer

6	Connecting node		
	Black		
		50 pcs.	Z10V1000.01

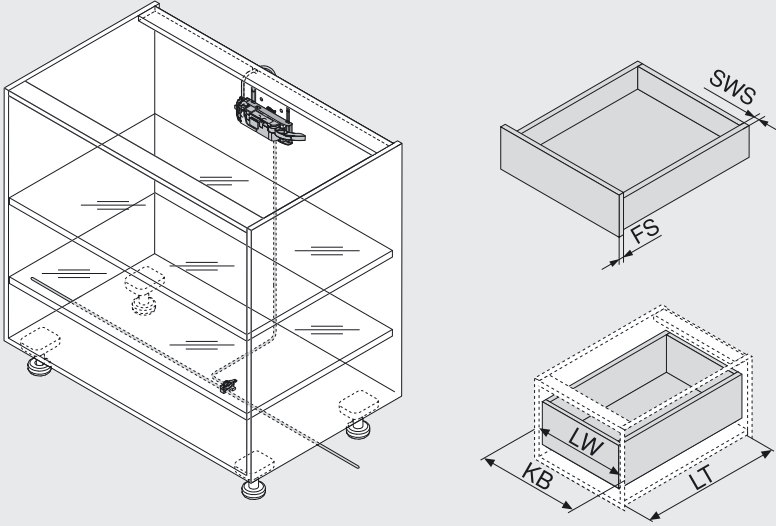
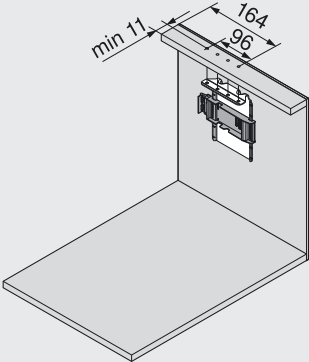
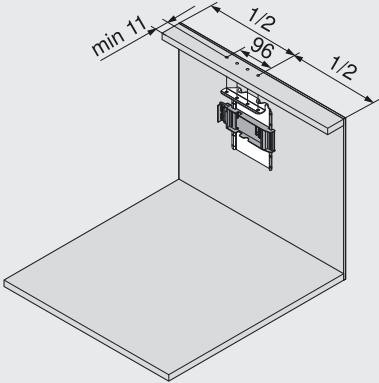
8, 9, 10, 11, 12	Distribution cable, Blum transformer, flex and transformer unit housing	
	See page	55

7	Cable end protector		
	RAL 7037 dust grey		
		100 pcs.	Z10K0008

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

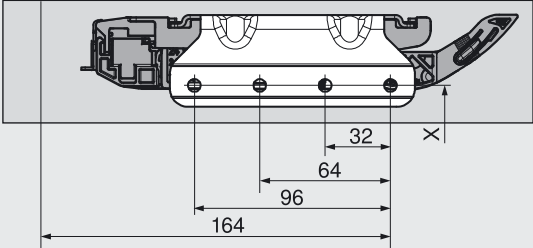
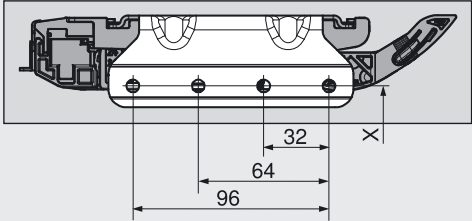
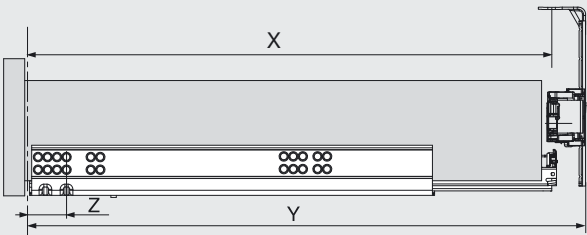
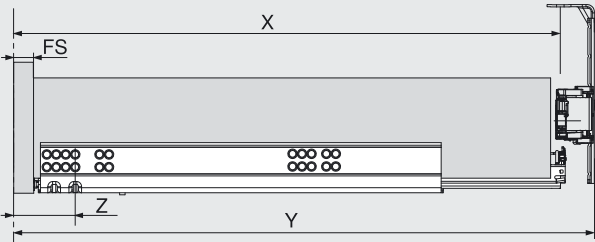
Cabinet with individual drawer – Attachment bracket upper

Basic element: Cabinet with individual drawer – Cabinet dimensions	
	SWS Side panel thickness
	FS Front thickness
	KB Cabinet width
	LW Inner cabinet width
	LT Internal cabinet depth
	NL Runner system nominal length
Drilling distances cross bar	
	
Inner cabinet width 245 - 340 mm	Inner cabinet width > 340 mm

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Cabinet with individual drawer – Attachment bracket upper

Drilling distance cross bar – Space requirement	
	
Inner cabinet width 245 - 340 mm	Inner cabinet width > 340 mm
The plate must be securely attached to the cross member to ensure good function.	
Drawer with overlay front	
	<div> X Drilling position Y Min. space requirement Z Distance from cabinet front edge to drilling </div>
	<div> X NL -5 Y min LT = NL + 30 Z 37 </div>
Inner drawer	
	<div> X NL + Z - 42 Y min LT = FS + NL + 31 Z FS + 39.5 </div>
<div> Cabling see page <div>55</div> </div>	

SERVO-DRIVE for TANDEM plus BLUMOTION

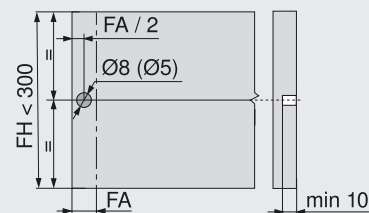
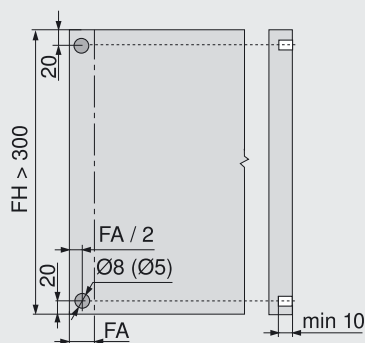
Planning Information

Cabinet with individual pull-out element – Attachment bracket upper

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

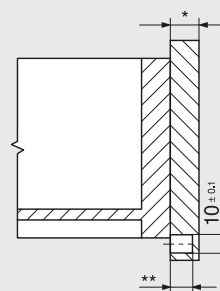
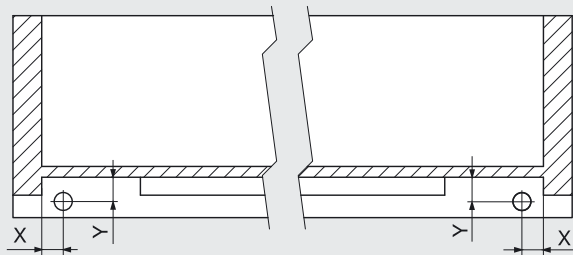
Drawer with overlay front



FA Front overlay

FH Front height

Inner drawer



Runner	X	Y
55XH	12 ± 1	13.5 ± 0.5
56XH	16.5 ± 1	18.5 ± 0.5

Front thickness*	Drilling depth**	Adjustment
13 mm	10 mm	+ 1.75/- 0.25
14.5 mm and higher	11.5 mm	± 1.75

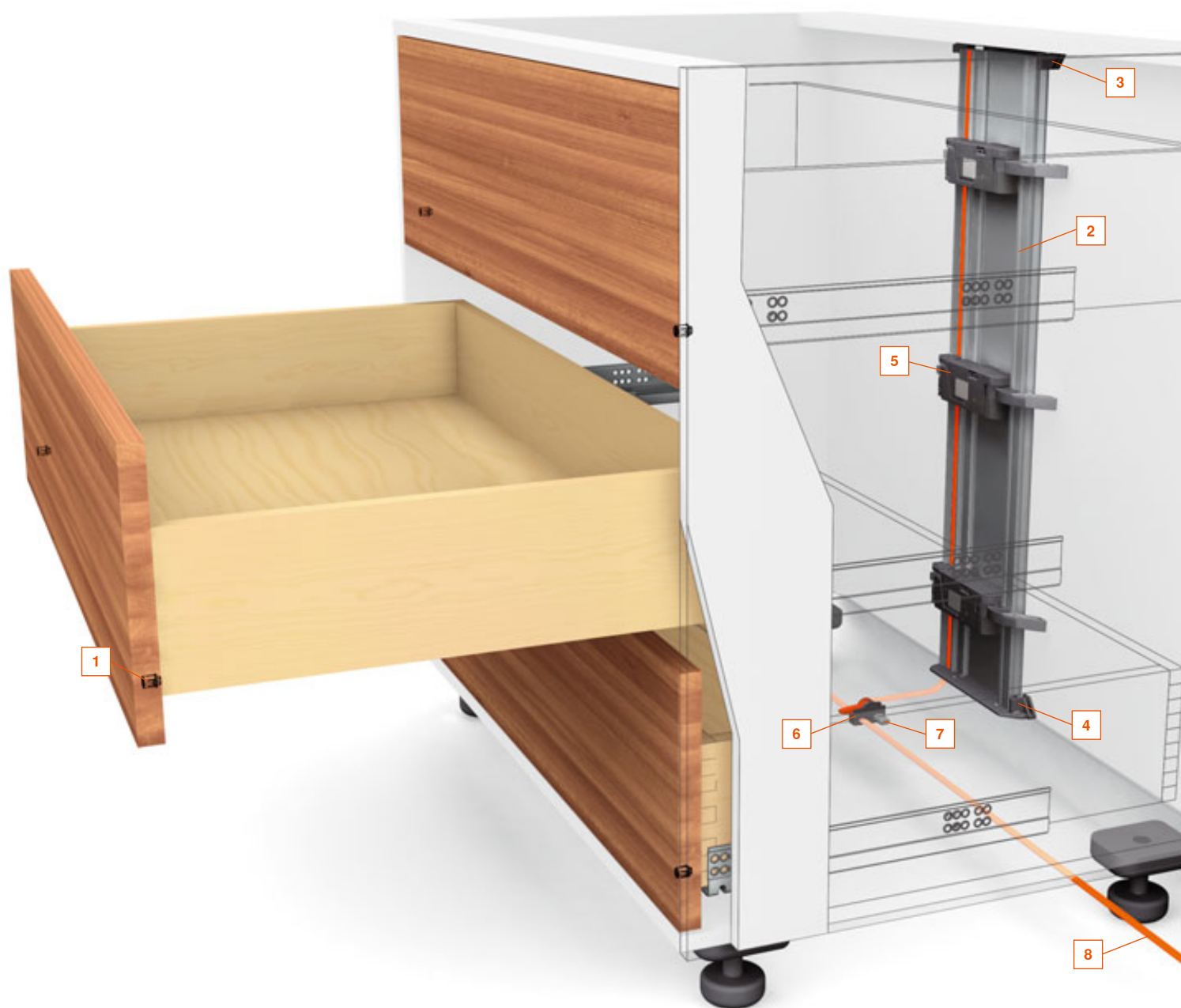
Blum distance bumper assembly, see page

62

SERVO-DRIVE for TANDEM plus BLUMOTION

SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with inset fronts



SERVO-DRIVE for TANDEM plus BLUMOTION

Cabinet with inset fronts

1

Blum distance bumper



The Blum distance bumper creates and maintains the required trigger path of 2 mm.



A special Blum distance bumper is available for inner drawers.

2

Bracket profile

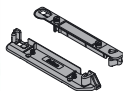


The drive units are attached to the bracket profile.

3

4

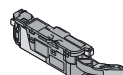
Upper/Lower bracket profile attachment for cabinet construction with horizontal cross members



These components are used to attach the bracket profile. The „back profile attachment“ including a cover cap is available for a cabinet construction with a vertical cross member.

5

Drive unit

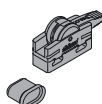


The drive unit opens the pull-out.

6

7

Connecting node + cable end protector

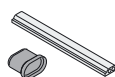


This node establishes the electrical connection between the distribution cable and the bracket profile and/or transformer. The cable end protector is inserted into the „open“ end of the cable.

8

7

Distribution cable for cutting to size + cable end protector




This cable is used to supply the power required by the cabinet elements and/or drive units. The maximum permitted operating power is 24 V. The cable end protector is inserted into the „open“ end of the cable.


SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Cabinet with inset fronts



1 	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 10 mm	1000 pcs.	993.2000
	Adjustable Blum distance bumper for inner drawers		

3 	Upper bracket profile attachment for cabinet construction with horizontal cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E2.01


2 	Bracket profile		
	Alu – cut to size with attached cables		
		10 pcs.	Z10TxxxAA
	Alternative:		
	Alu – For cutting to size – Without cable		
		10 pcs.	Z10T1170A


4 	Lower bracket profile attachment for cabinet construction with horizontal or vertical cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E1

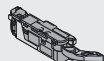
SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification


Cabinet with inset fronts

2a	Bracket profile cover cap for cabinet construction with vertical cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10T0004


3a	Back bracket profile attachment for cabinet construction with vertical cross member		
	RAL 7037 dust grey		
	Screw fixing		
		50 pcs.	Z10D3001


5	Drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10A3000.02

6	Connecting node		
	Black		
		50 pcs.	Z10V1000.01

7	Cable end protector		
	RAL 7037 dust grey		
		100 pcs.	Z10K0008

8, 9, 10, 11, 12	Distribution cable, Blum transformer, flex and transformer unit housing		
		See page	55

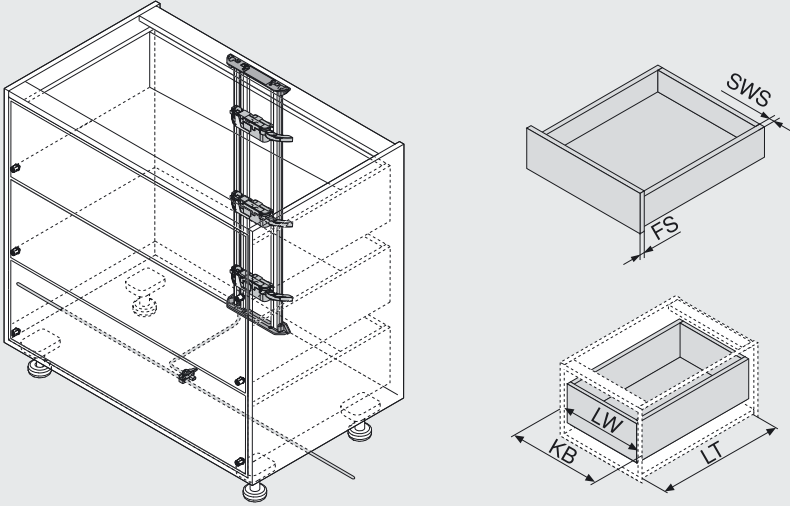
13	Synchronisation cable		
	For the synchronisation of 2 drive units		
	Length 160 cm	10 pcs.	Z10K160S
	Length 120 cm	10 pcs.	Z10K120S
	Length 50 cm	10 pcs.	Z10K050S
	Length 8 cm	10 pcs.	Z10K008S
	Two drive units that are required to open simultaneously must be connected via the synchronisation cable.		

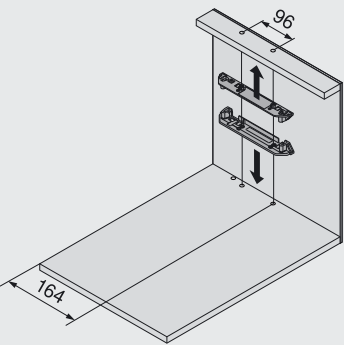
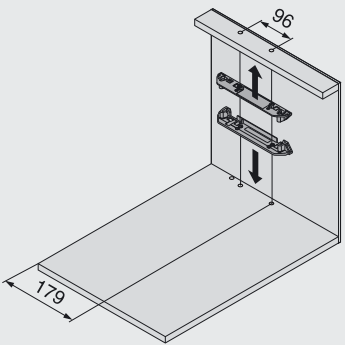
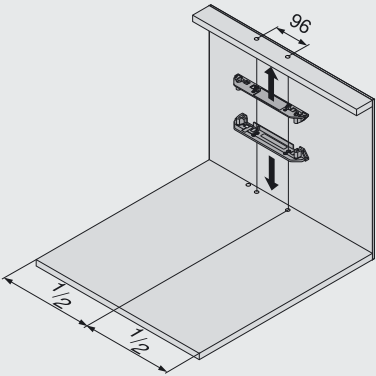
16	Cable holder		
	White		
		100 pcs.	Z10K0009

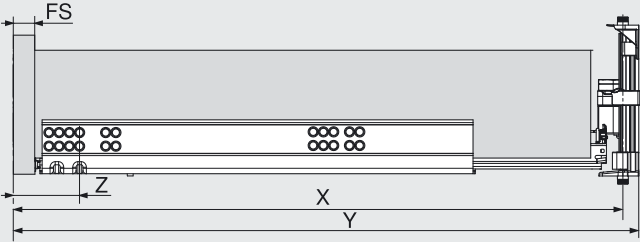
SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

Cabinet with inset fronts

Basic element: Cabinet with inset fronts – Cabinet dimensions	
	
	SWS Side panel thickness
	FS Front thickness
	KB Cabinet width
	LW Inner cabinet width
	LT Internal cabinet depth
	NL Runner system nominal length

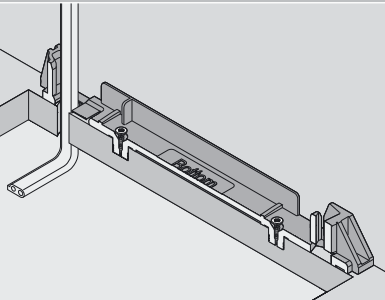
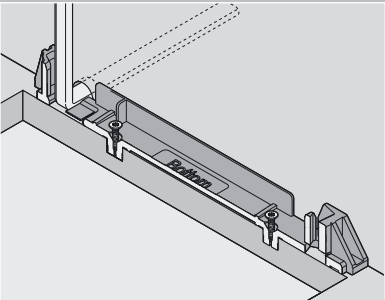
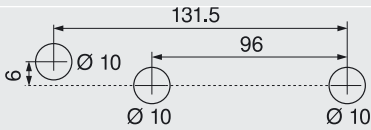
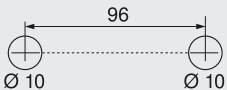
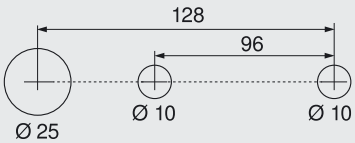
Drilling distance base / cross bar – Space requirement		
		
Inner cabinet width 225 - 245 mm	Inner cabinet width 246 - 340 mm	Inner cabinet width > 340 mm

Inner drawer	
	X Drilling position
	Y Min. space requirement
	Z Distance from cabinet front edge to drilling
	X $NL + Z - 21$
	Y $\min LT = FS + NL + 33$
	Z $FS + 39.5$

SERVO-DRIVE for TANDEM plus BLUMOTION

Planning Information

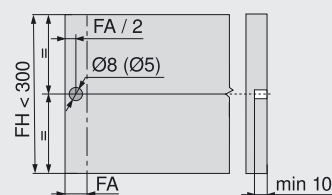
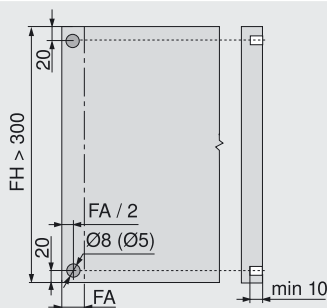
Cabinet with inset fronts

Drilling pattern base	
	
Lower cabling	Back cabling
	
Alternative:	
	
Cabling see page 55	

Front assembly: Position of Blum distance bumper

The Blum distance bumper creates and maintains the required trigger path of 2 mm.

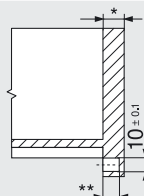
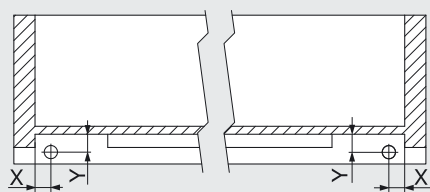
Drawer with overlay front



FA Front overlay

FH Front height

Inner drawer



Runner	X	Y
55XH	12 ± 1	13.5 ± 0.5
56XH	16.5 ± 1	18.5 ± 0.5

Front thickness*	Drilling depth**	Adjustment
13 mm	10 mm	+ 1.75/- 0.25
14.5 mm and higher	11.5 mm	± 1.75

Blum distance bumper assembly, see page

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SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

Horizontal cross member / Cabinet with inset fronts

Bracket profile for cutting to size

PL = LH - 10 mm and rounding down to the nearest 10th.

LH Internal cabinet height

PL Profile length

Position of drive unit

* Distance from drawer to top panel

Inner cabinet width	X	Y
< 420 mm	50	71
> 420 mm	35	68

Bracket profile assembly

Equip bracket profile

1 bracket profile cable (for power supply)
2 communication cables

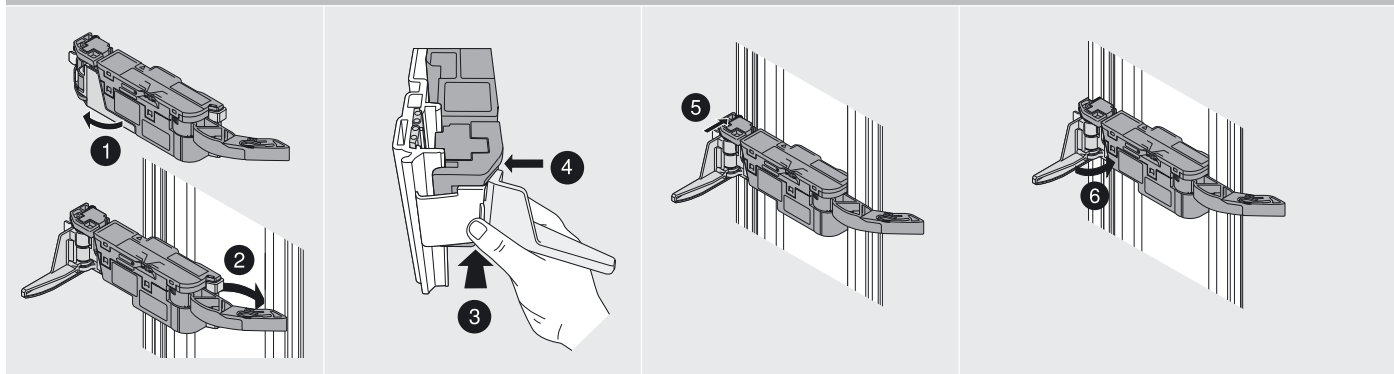
Bracket profile equipped

SERVO-DRIVE for TANDEM plus BLUMOTION

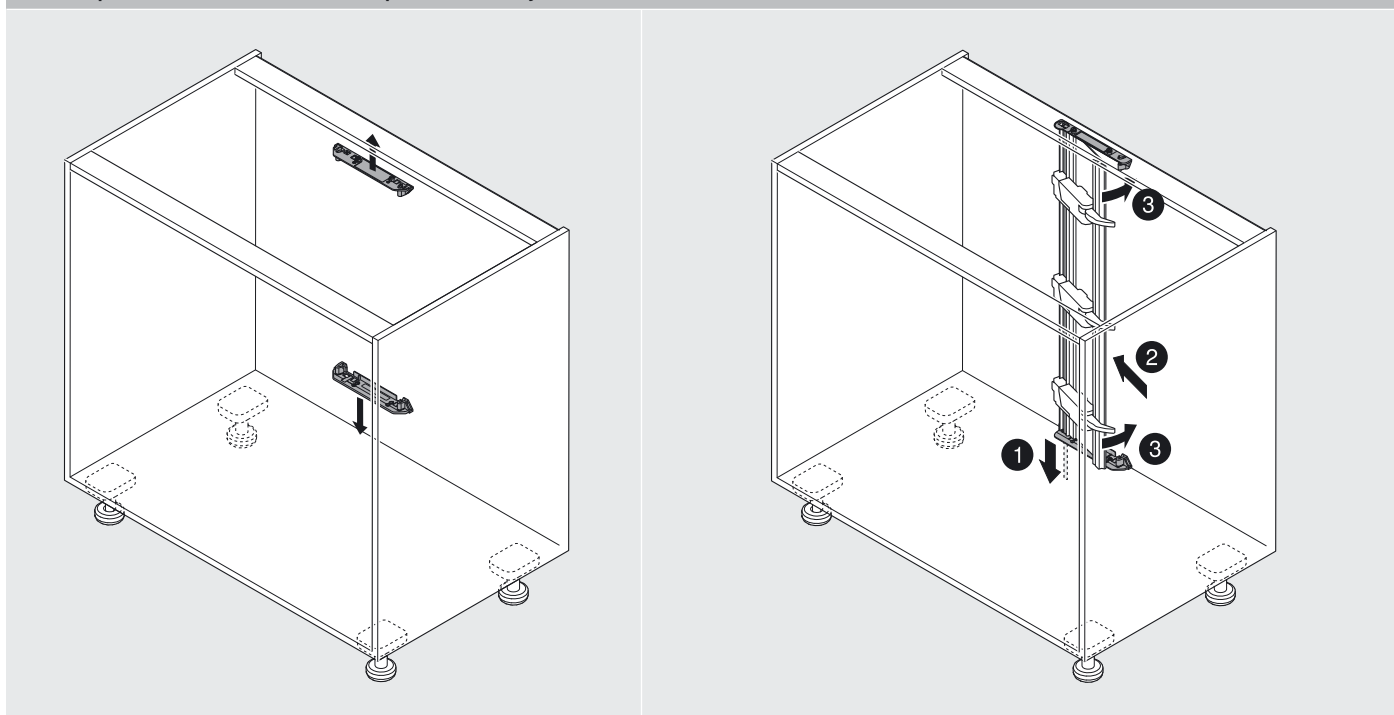
Assembly

Horizontal cross member / Cabinet with inset fronts

Drive unit installation on bracket profile



Bracket profile attachment and bracket profile assembly



Horizontal cross member

SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

Vertical cross member

Bracket profile for cutting to size

PL = LH - 10 mm and rounding down to the nearest 10th.

LH Internal cabinet height

PL Profile length

Position of drive unit

* Distance from drawer to top panel

Inner cabinet width	X	Y
< 420 mm	50	91
> 420 mm	35	76

Bracket profile assembly

Equip bracket profile

1 bracket profile cable (for power supply)
2 communication cables

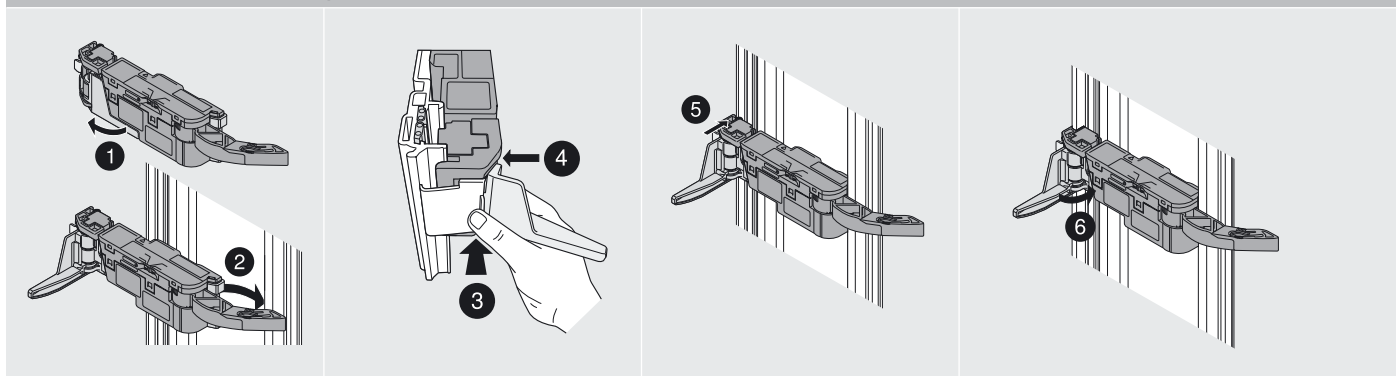
Bracket profile equipped

SERVO-DRIVE for TANDEM plus BLUMOTION

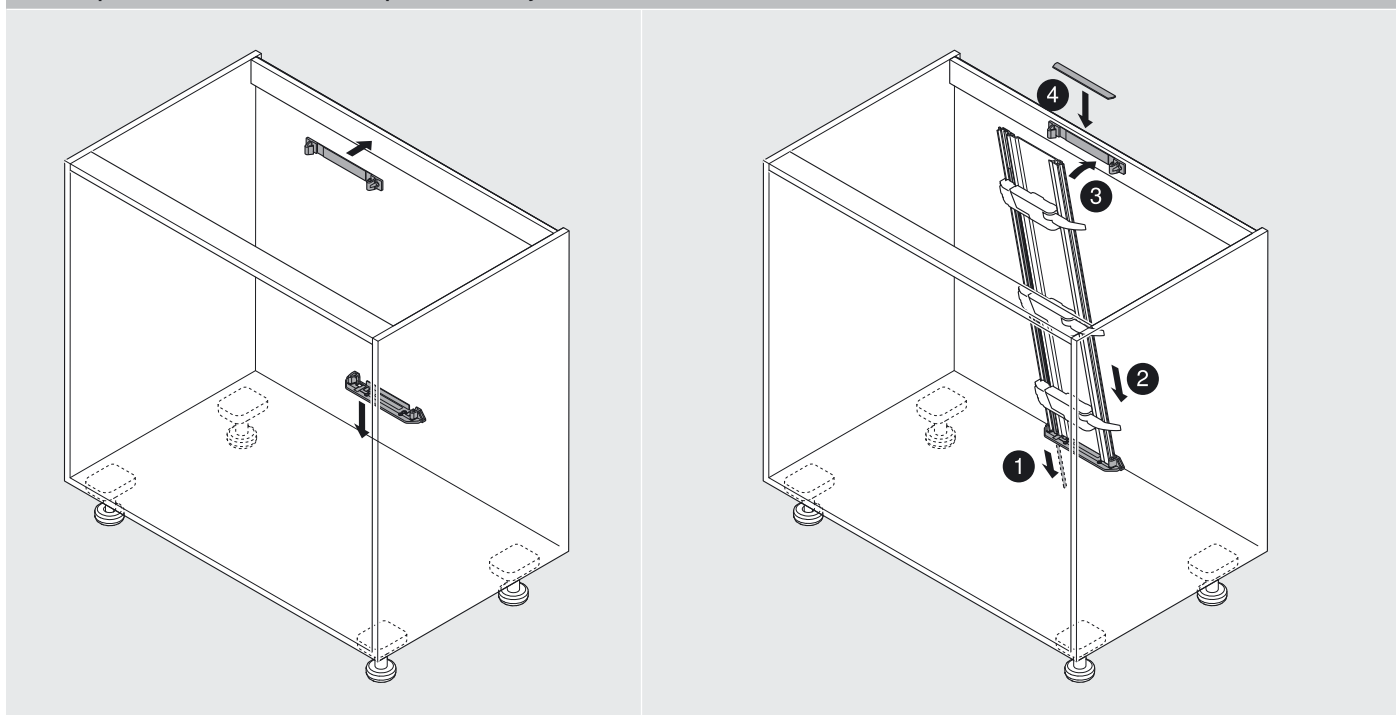
Assembly

Vertical cross member

Drive unit installation on bracket profile



Bracket profile attachment and bracket profile assembly



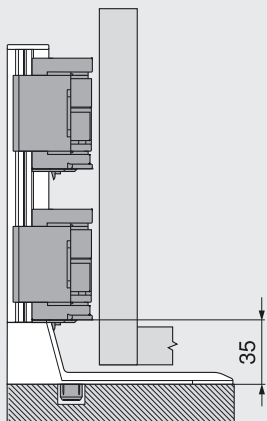
Vertical cross member

SERVO-DRIVE for TANDEM plus BLUMOTION

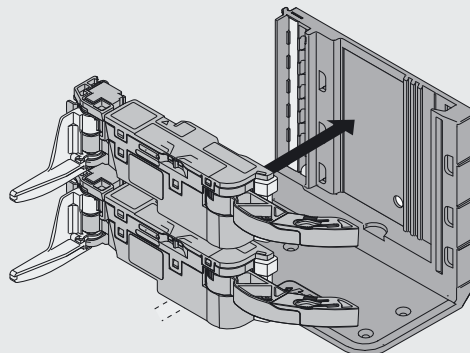
Assembly

Sink cabinet

Position of drive unit – Attachment bracket 2 tier – Base

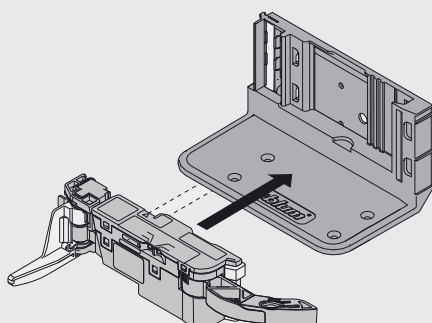


Attachment bracket 2 tier

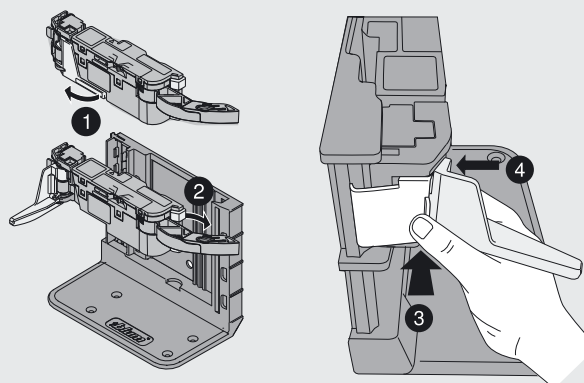


A 2nd drive unit can also be installed (optional).

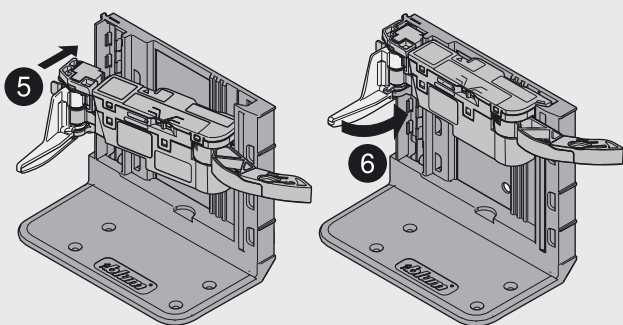
Attachment bracket 1 tier



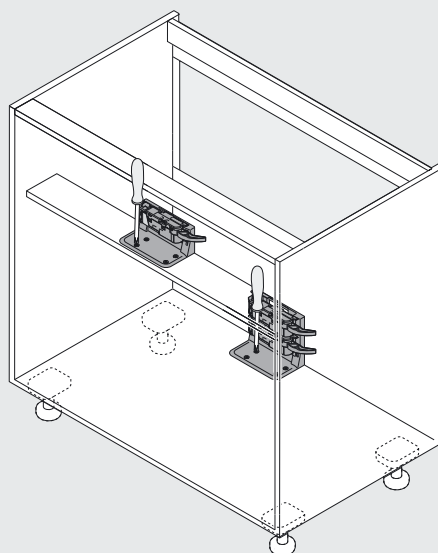
Drive unit installation on bracket profile



Drive unit installation on bracket profile



Attachment bracket assembly

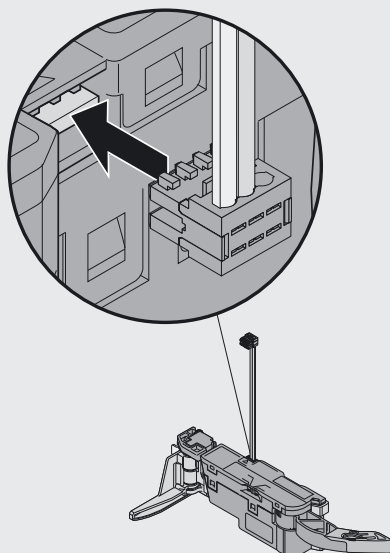


SERVO-DRIVE for TANDEM plus BLUMOTION

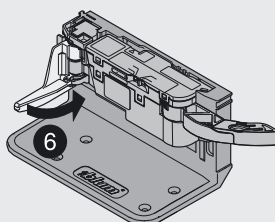
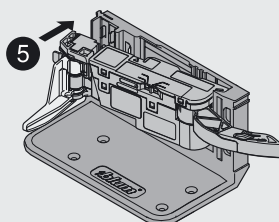
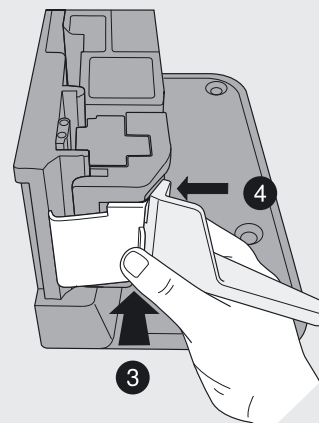
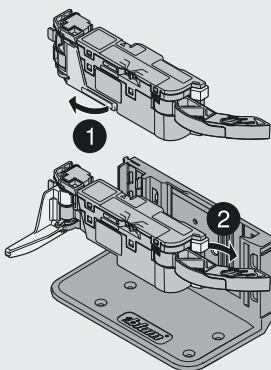
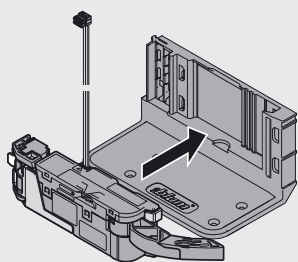
Assembly

Two drawers with a continuous front

Insert synchronisation cable into drive unit



Attach drive unit to attachment bracket 1 tier

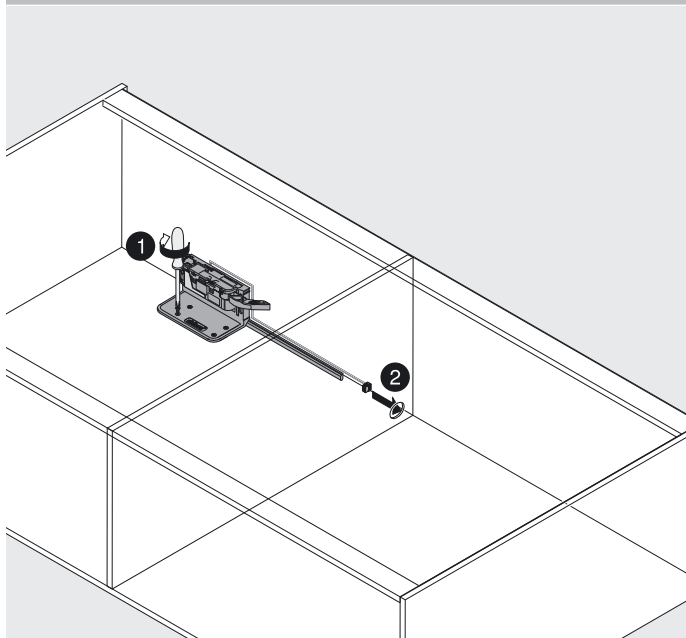


SERVO-DRIVE for TANDEM plus BLUMOTION

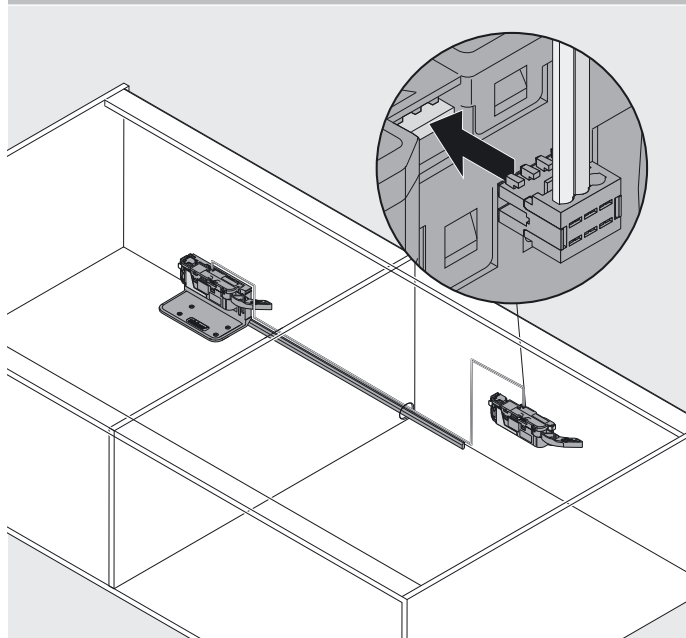
Assembly

Two drawers with a continuous front

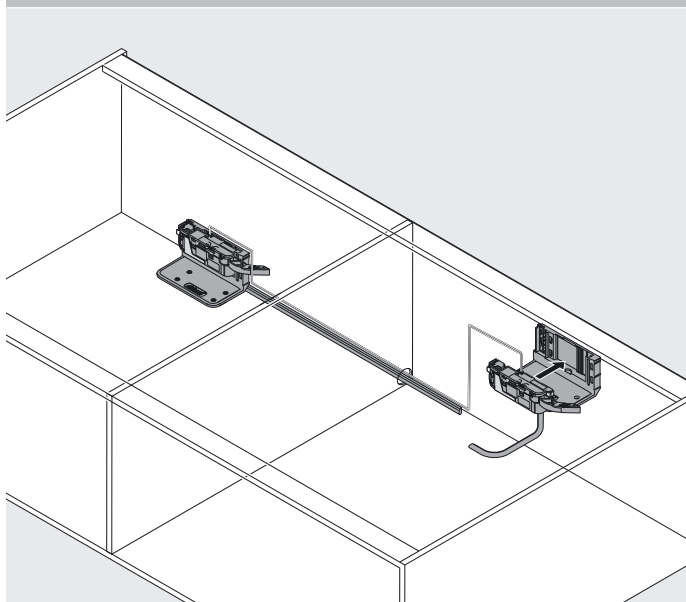
Screw on attachment bracket 1 tier and run cables through the dividing wall (synchronisation and distribution cable).



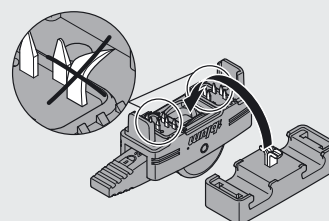
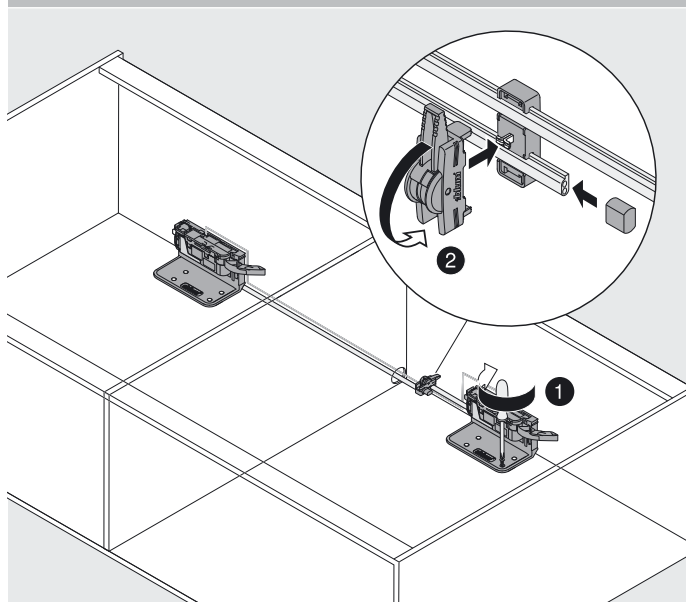
Insert synchronisation cable into second drive unit



Attach second drive unit to second attachment bracket 1 tier



Screw on attachment bracket and use connecting node to connect the attachment bracket distribution cable



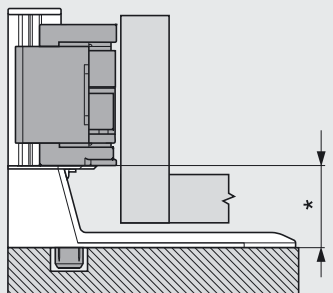
Do not damage piercing pins

SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

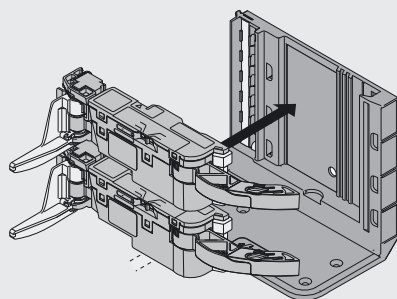
Cabinet with different drawer depths – Attachment bracket 1 tier, 2 tier

Position of drive unit – Attachment bracket – Base



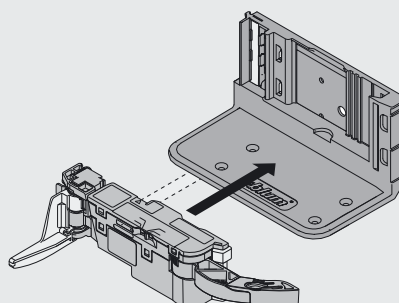
Inner cabinet width	*
< 420 mm, attachment bracket 2 tier	50
> 420 mm, attachment bracket 1 tier	35

Drive unit



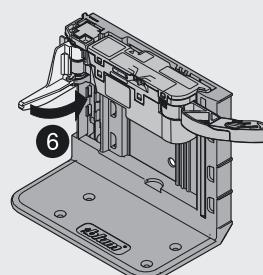
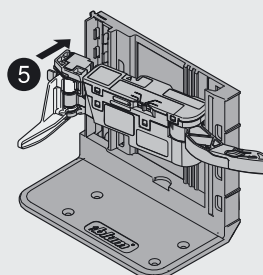
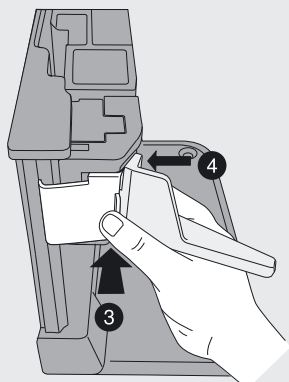
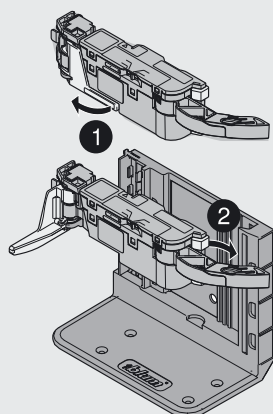
Attachment bracket 2 tier

A second drive unit can also be installed (optional).



Attachment bracket 1 tier

Install drive unit to attachment bracket

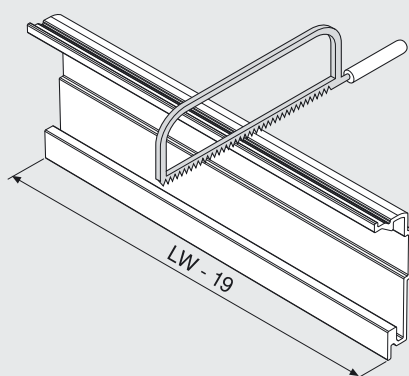


SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

Cabinet with different drawer depths – Bracket profile horizontal

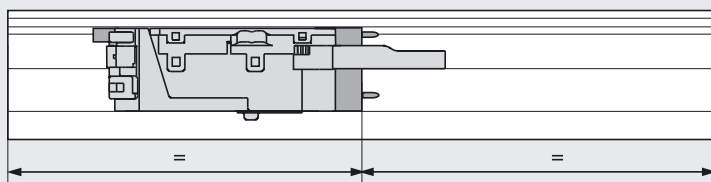
Bracket profile for cutting to size



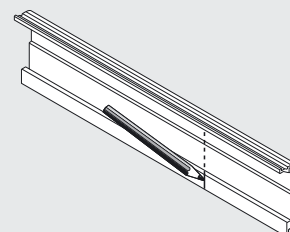
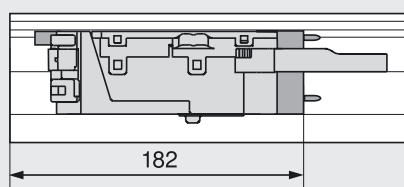
Cutting dimensions for the bracket profile horizontal

LW Inner cabinet width

Position of the drive unit on the bracket profile

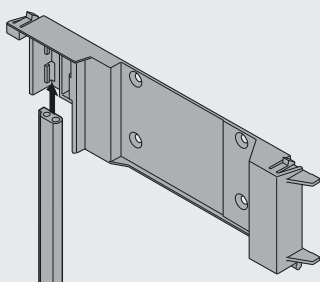


Inner cabinet width > 390 mm

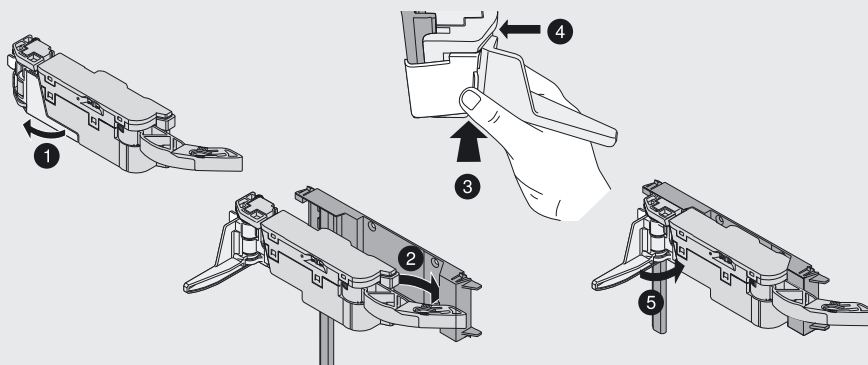


Inner cabinet width < 390 mm

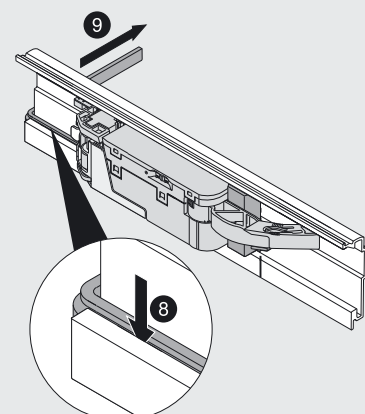
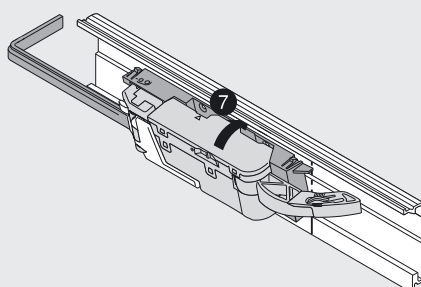
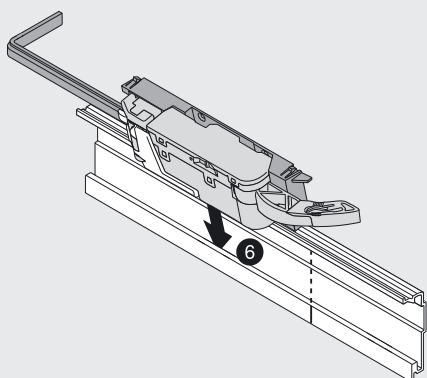
Insert bracket profile cable into the bracket profile adapter for drive unit



Clip drive unit on to bracket profile adapter



Install bracket profile adapter with drive unit to bracket profile horizontal

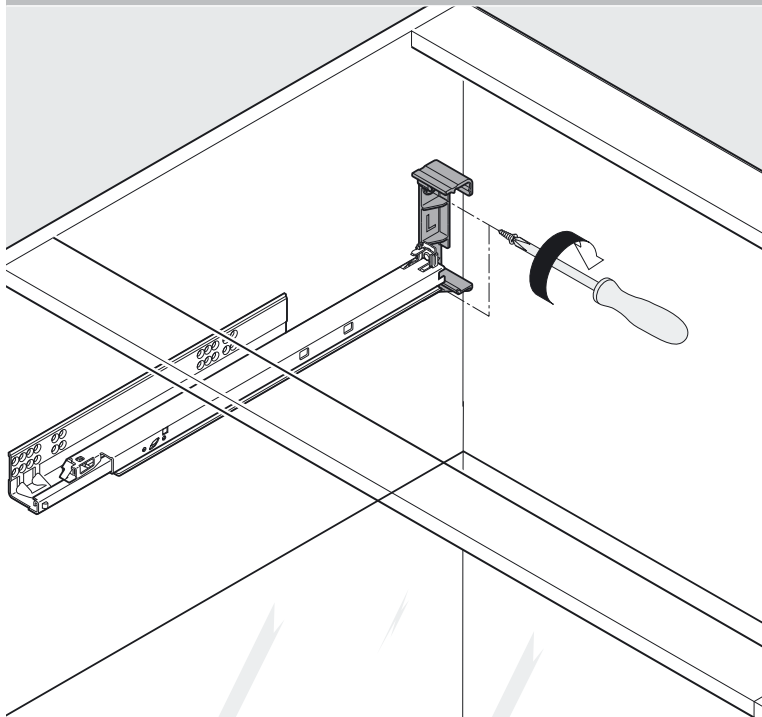


SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

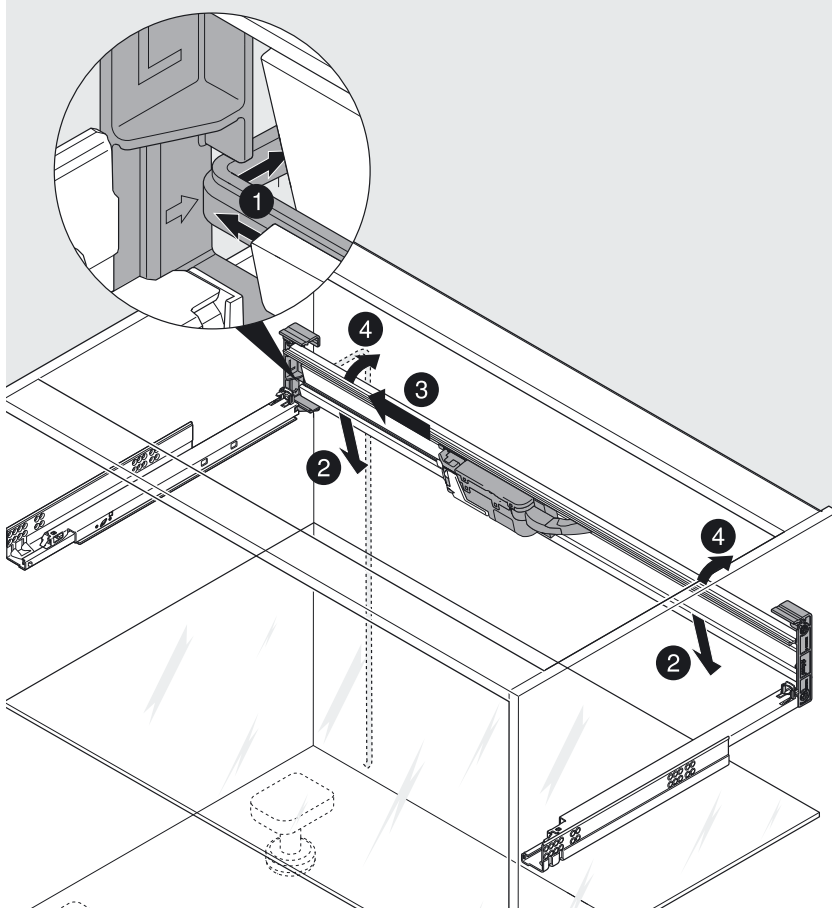
Cabinet with different drawer depths – Bracket profile horizontal

Mount bracket profile attachment



Chipboard screws or system screws can be used

Install bracket profile horizontal in bracket profile attachment

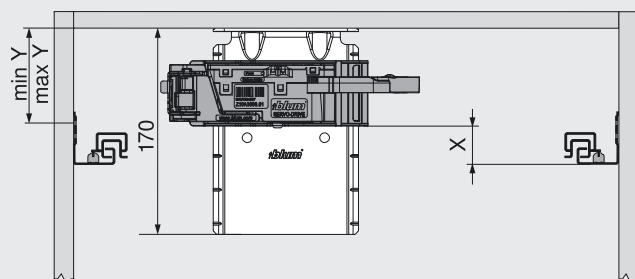


SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

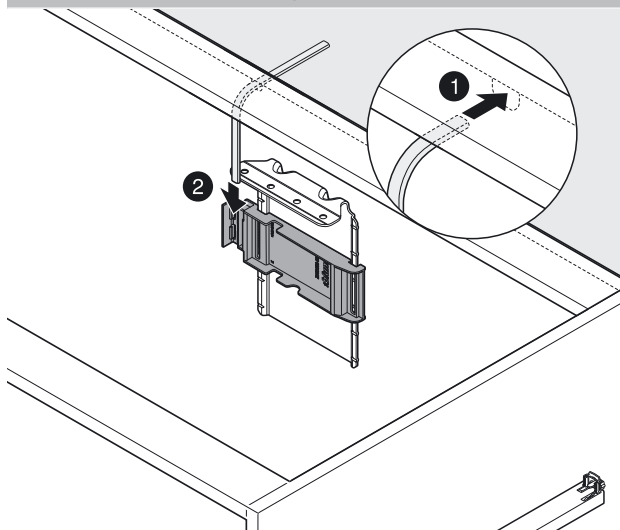
Cabinet with individual drawer – Upper attachment bracket

Position of drive unit

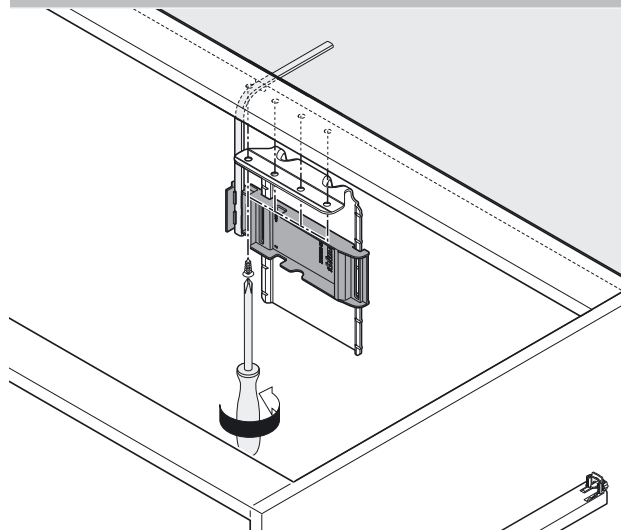


Inner cabinet width	X	min Y	max Y
< 420 mm	50	91	181
> 420 mm	35	76	166

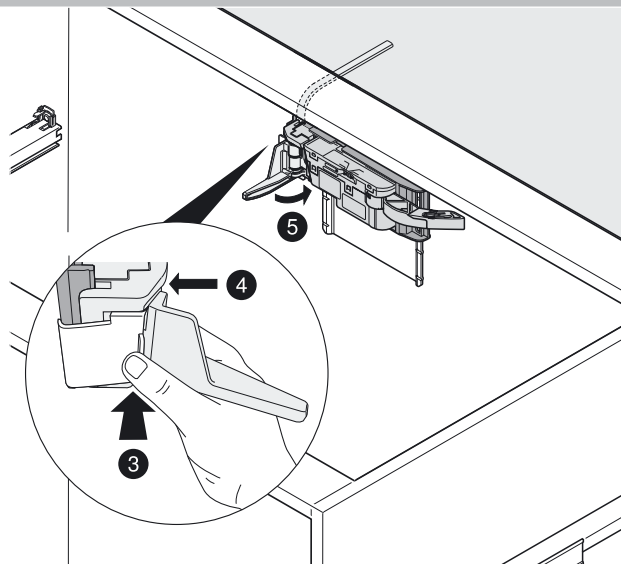
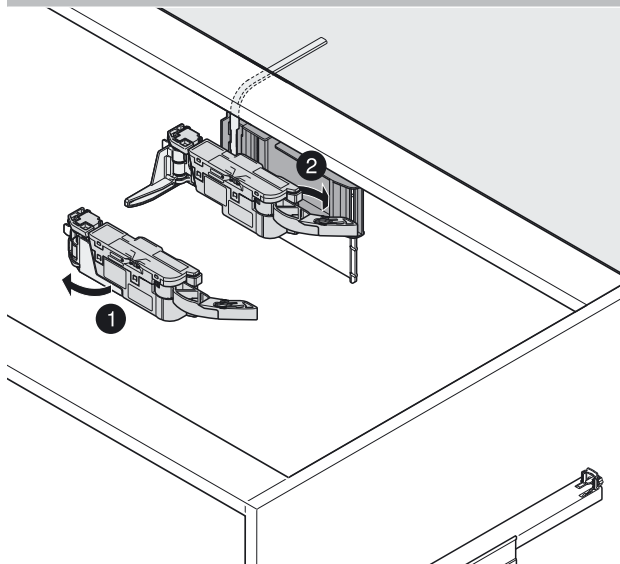
Run cable and insert into adapter



Screw on attachment bracket



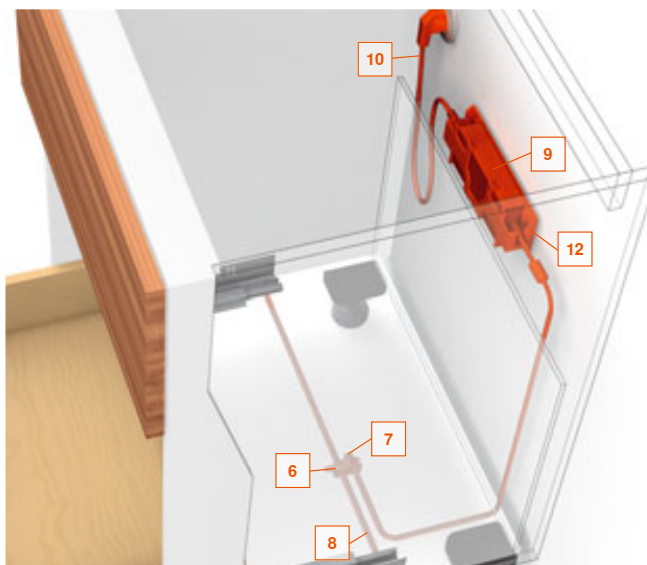
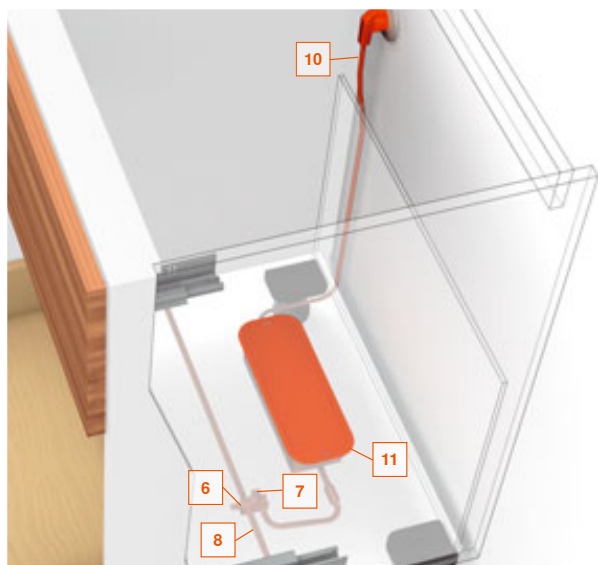
Install drive unit to adapter




SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification

Blum transformer and accessories





6	Connecting node		
	Black		
		50 pce.	Z10V1000.01

7	Cable end protector		
	RAL 7037 dust grey		
		100 pce.	Z10K0008

8	Distribution cable for cutting to size		
		100 m	Z10K1HMA
		6 m	Z10K600A
	Can be used as a distribution cable, bracket profile cable, communication cable		

9	Blum transformer		
	72 W	10 pce.	
	Sprachpakete Montage- und Bedienungsanleitung		
	A DE, EN, FR, IT, NL		Z10NE020A
	B DA, EN, FI, NO, SV		Z10NE020B
	C EL, EN, HR, SL, SR, TR		Z10NE020C
	D EN, ES, FR, IT, PT		Z10NE020D
	E CS, HU, SK, PL		Z10NE020E
	F BG, ET, LT, LV, RO, RU		Z10NE020F
	G EN, ES, FR, (US, CA)		Z10NE020G
	H EN, ZH		Z10NE020H
	Only 1 Blum transformer permitted per distribution cable		

16	Cable holder		
	White		
		100 pce.	Z10K0009

10	Flex		
	Länder		
	Flex Europe	10 pce.	Z10M200E
	Flex CH	10 pce.	Z10M200C
	Flex US, CA	10 pce.	Z10M200U
	Flex JP	10 pce.	Z10M200J
	Flex BR	10 pce.	Z10M200S.01
	Flex UK	10 pce.	Z10M200B
	Flex DK	10 pce.	Z10M200D
	Flex IL	10 pce.	Z10M200I
	Flex AU	10 pce.	Z10M200K
	Flex CN	10 pce.	Z10M200N
	Flex AR	10 pce.	Z10M200A
	Flex IN	10 pce.	Z10M200H
	Flex CL	10 pce.	Z10M200L
	Flex TW	10 pce.	Z10M200T
	Flex ZA	10 pce.	Z10M200Z
	Flex Europe without plug	10 pce.	Z10M200E.OS

11	Transformer unit housing for base fixing		
	with cover		
	RAL 7037 dust grey		
		10 pce.	Z10NG000

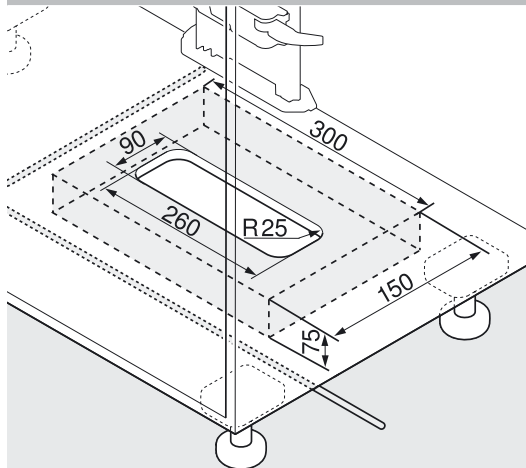
Alternative:

12	Transformer unit housing for panel fixing		
	white grey		
		10 pce.	Z10NG120

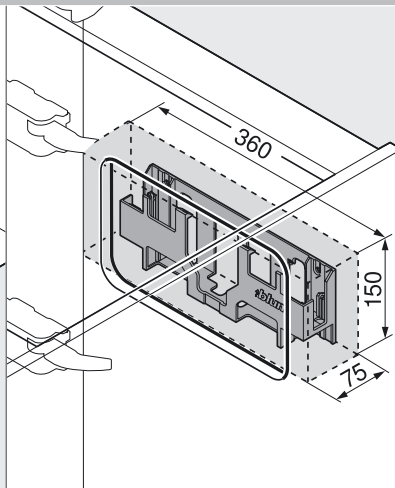
SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly

Space requirement + safety distance for transformer unit housing



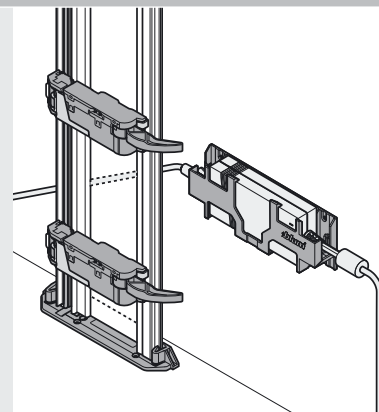
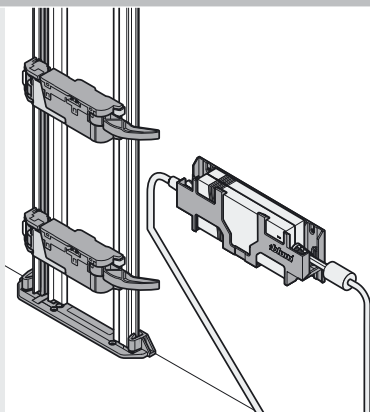
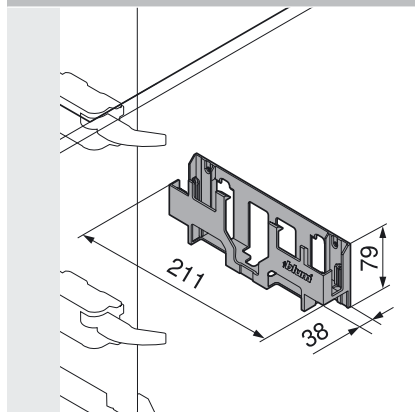
Base fixing



Panel fixing

Note:
Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of transformer unit housing to the neighbouring elements to allow for air circulation; otherwise, there is a risk that the Blum transformer could overheat.

Space requirement + positioning options for Blum transformer

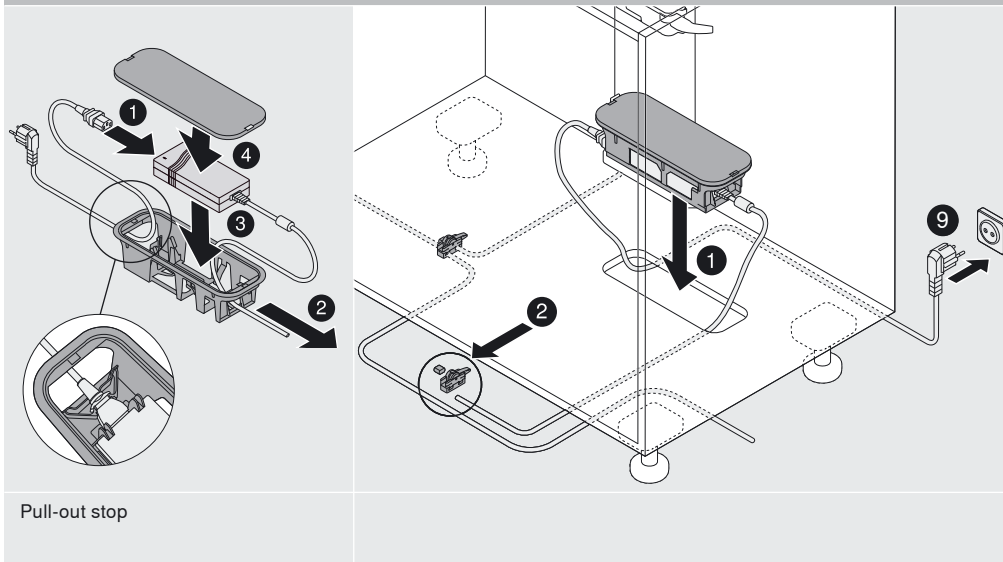


When the bracket profile cable is run in the cabinet behind the bracket profile, addition space is required (at least 4 mm).

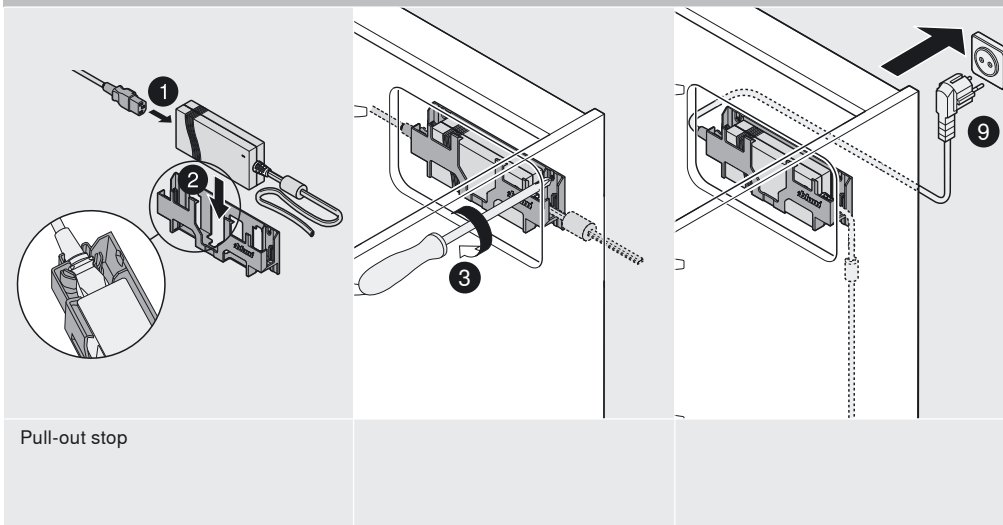
SERVO-DRIVE for TANDEM plus BLUMOTION

Assembly + cabling

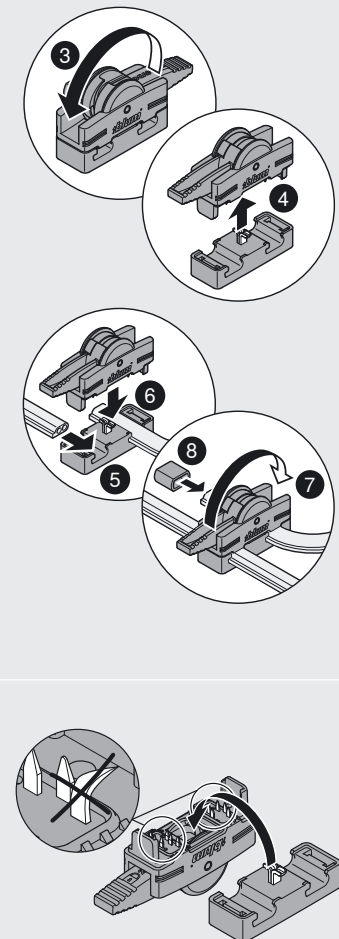
Transformer unit housing for base fixing



Transformer unit housing for panel fixing



Connecting node assembly

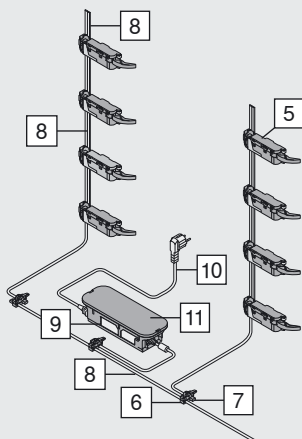


SERVO-DRIVE for TANDEM plus BLUMOTION

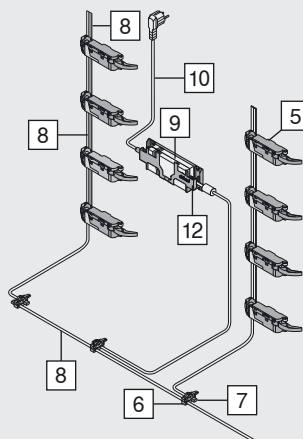
Cabling

Only 1 Blum transformer can be connected to each distribution cable.

Cable diagram standard cabinet and cabinet with inset fronts
"lower cabling"

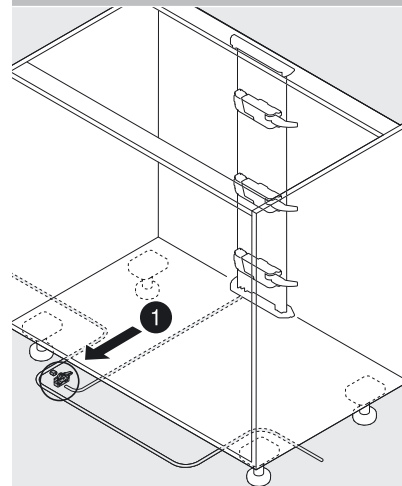


Transformer unit housing for base fixing

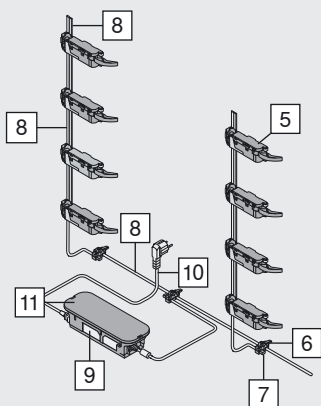


Transformer unit housing for panel fixing

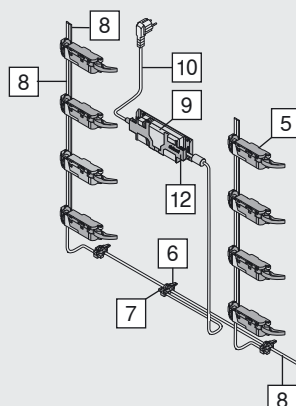
Lower cabling



Cable diagram standard cabinet and cabinet with inset fronts
"back cabling"

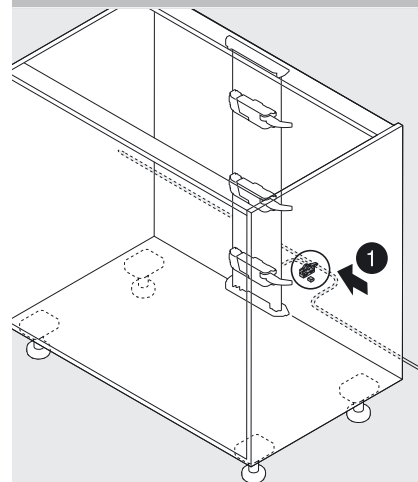


Transformer unit housing for base fixing

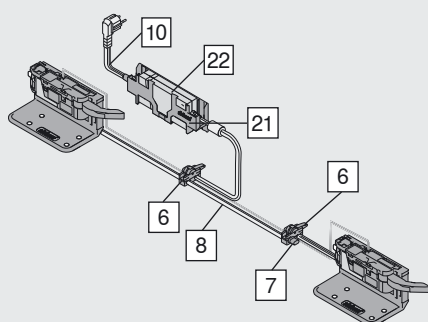


Transformer unit housing for panel fixing

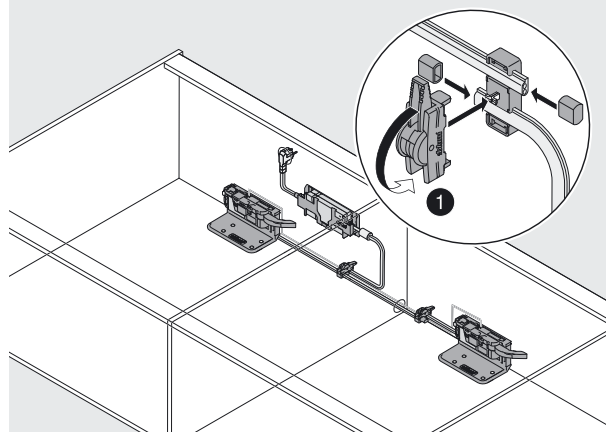
Back cabling



Cable diagram two drawers with a continuous front



Cabling in the cabinet

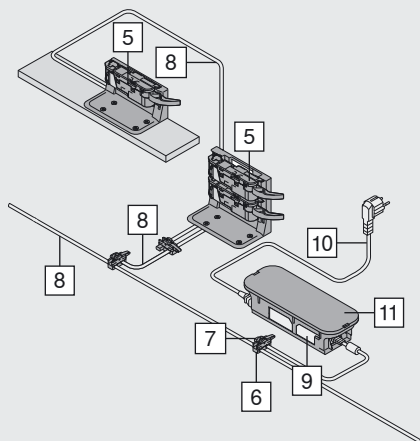


SERVO-DRIVE for TANDEM plus BLUMOTION

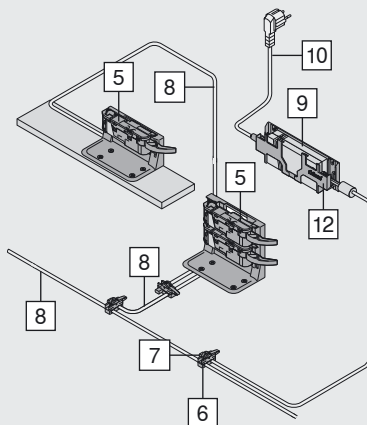
Cabling

Only 1 Blum transformer can be connected to each distribution cable.

Sink cabinet cable diagram

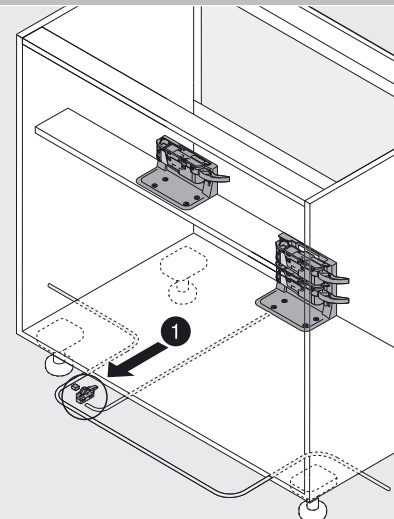


Transformer unit housing for base fixing

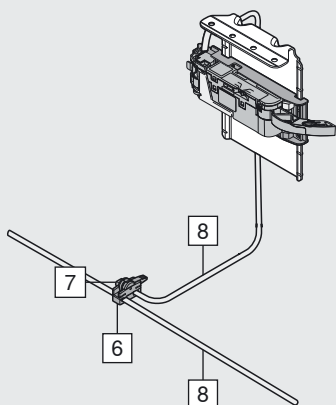


Transformer unit housing for panel fixing

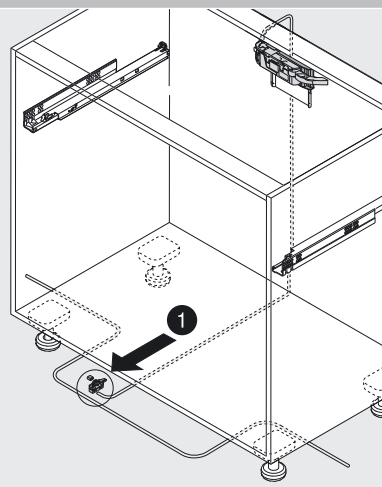
Lower cabling



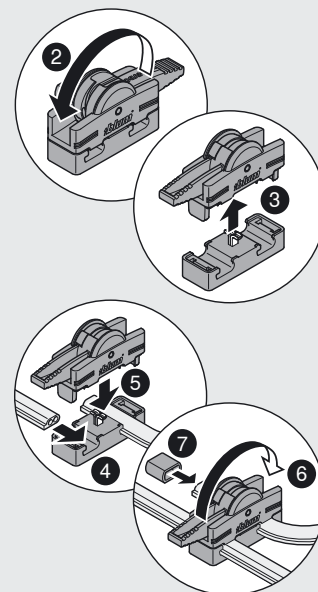
Cable diagram cabinet with individual drawer – Upper attachment bracket



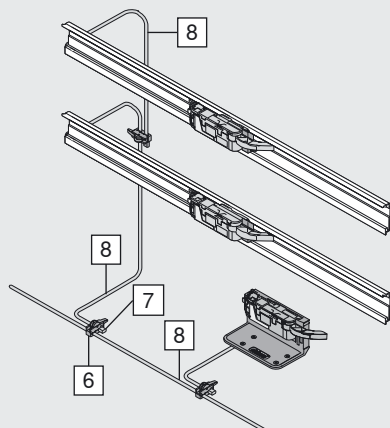
Lower cabling



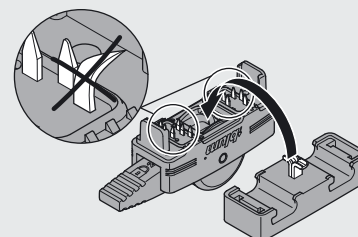
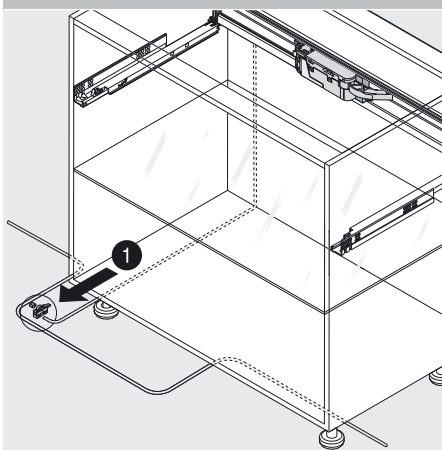
Connecting node assembly



Cable diagram cabinet with different drawer depths



Lower cabling

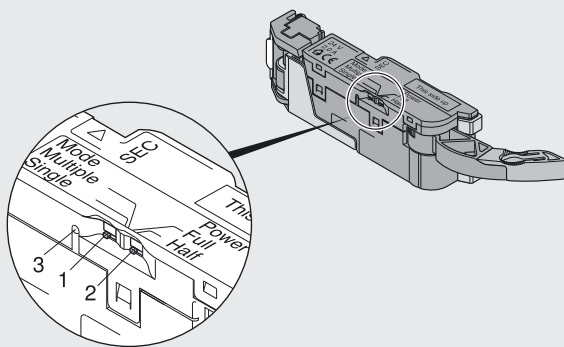


Do not damage piercing pins

SERVO-DRIVE for TANDEM plus BLUMOTION

Adjustment and assembly

Drive unit adjustment



Drive unit selector switches

Selector switch Mode (1)

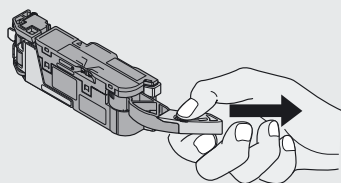
Multiple: When set to „Multiple,“ drive units move simultaneously
Single: Only one drive unit moves (standard setting)

Selector switch Power (2)

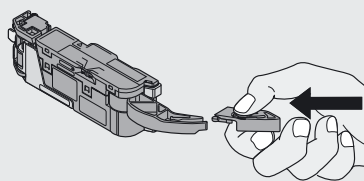
Half: For short nominal lengths and single extensions
– pull-out only moves a short distance
Full: Standard setting

Operating mode display (LED) (3)

Lever extension



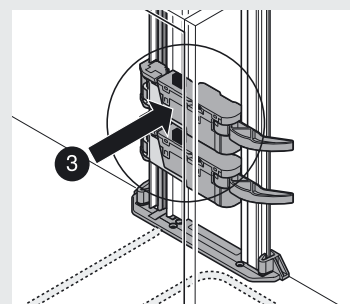
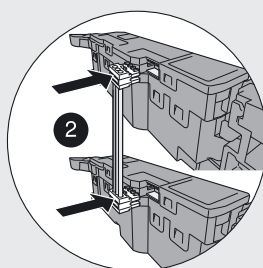
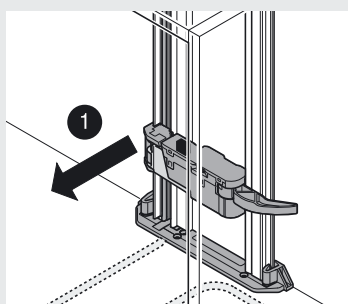
Removal



Assembly

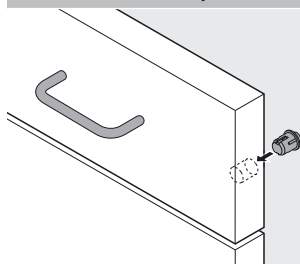
The drive unit comes with the lever extension.
The lever extension must be removed for an inner cabinet width up to 234 mm.

Synchronisation cable



Two drive units that are required to open simultaneously must be connected via the synchronisation cable.

Blum distance bumper

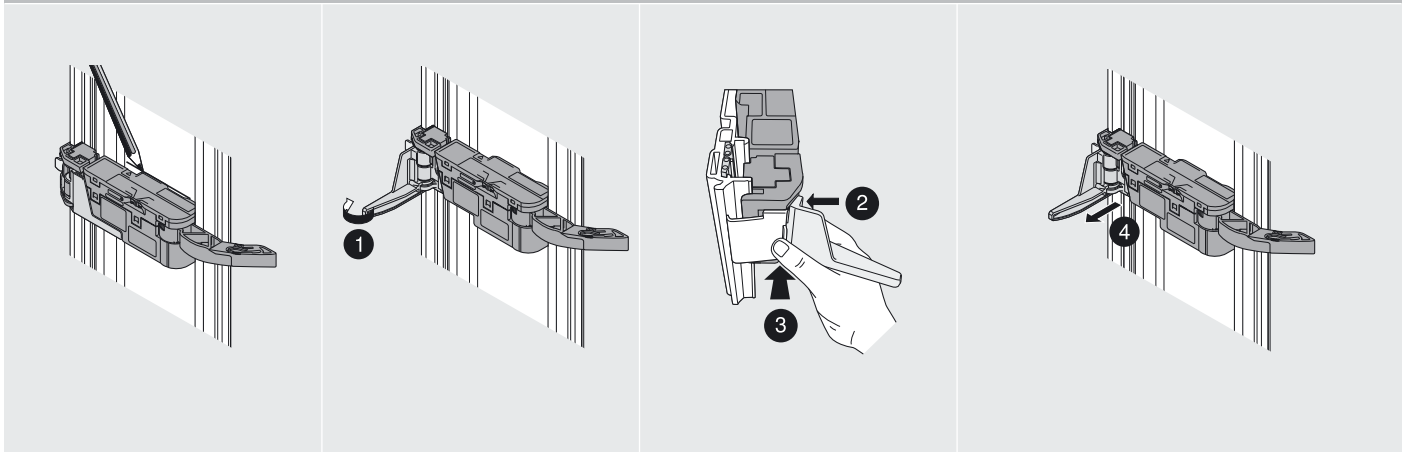


Attach Blum distance bumper (do not glue).

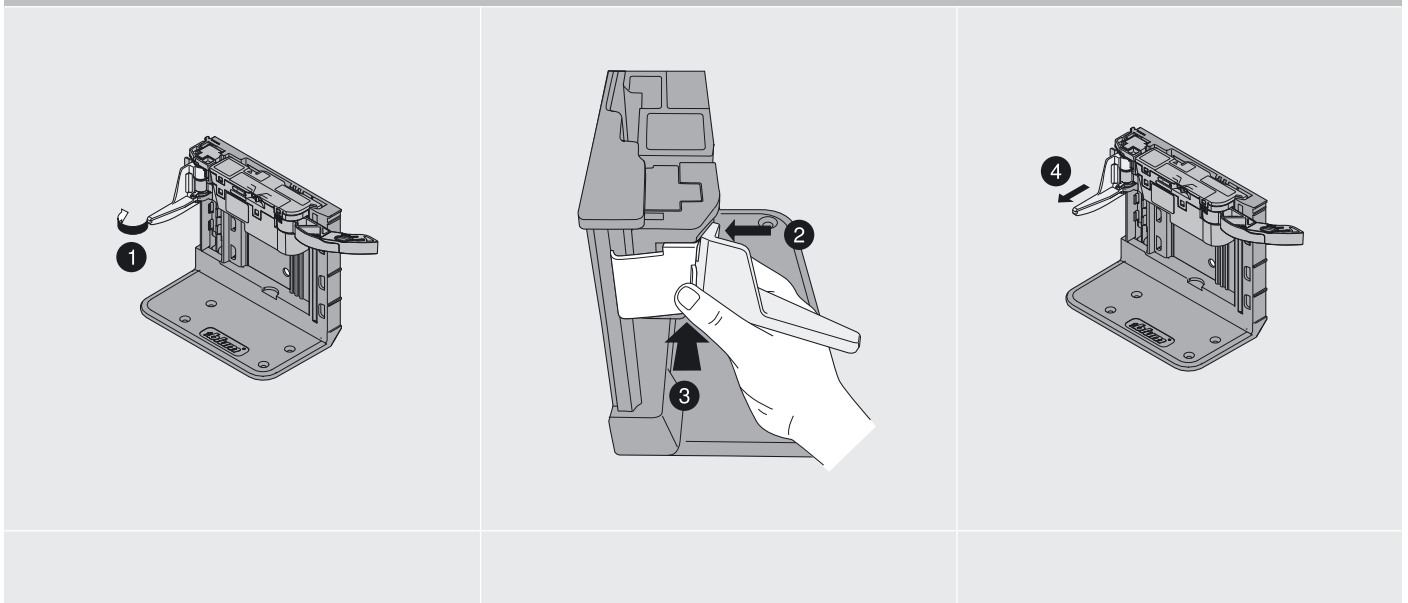
SERVO-DRIVE for TANDEM plus BLUMOTION

Removal

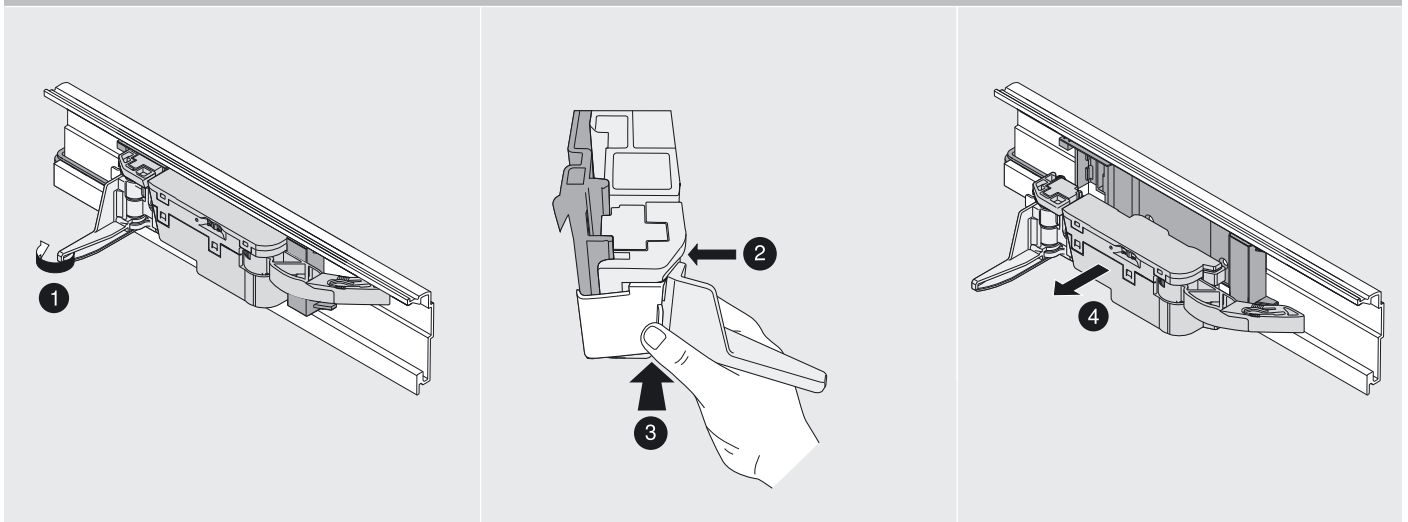
Drive unit removal from bracket profile



Drive unit removal from attachment bracket



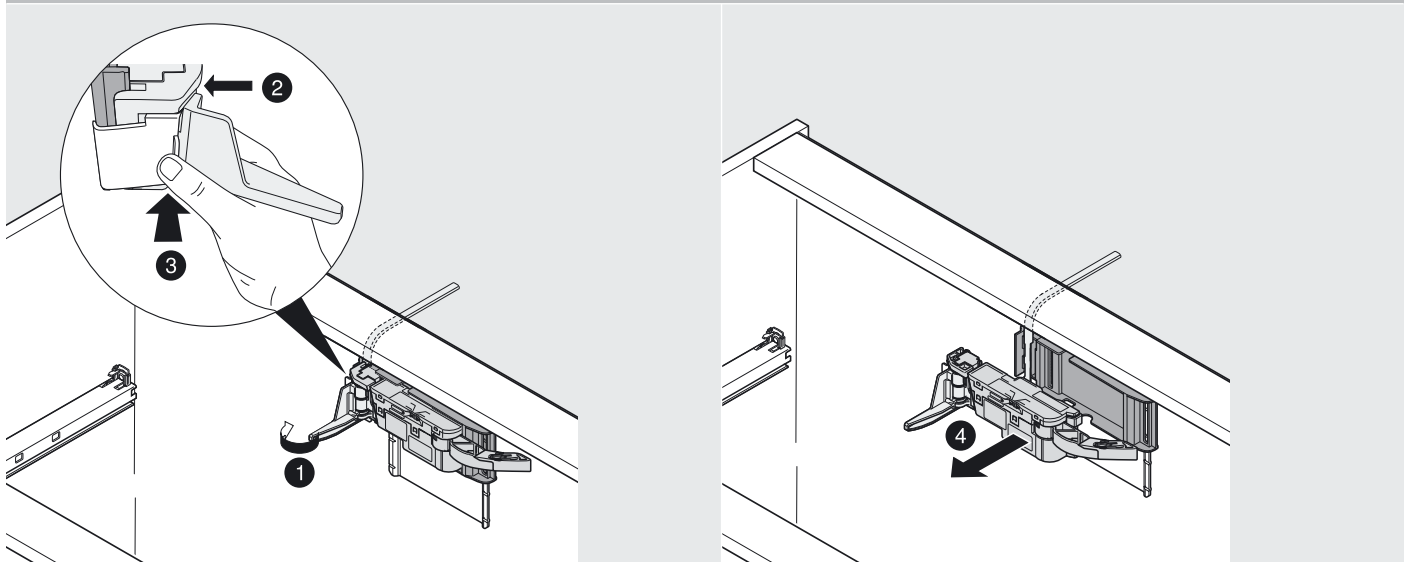
Drive unit removal from bracket profile horizontal



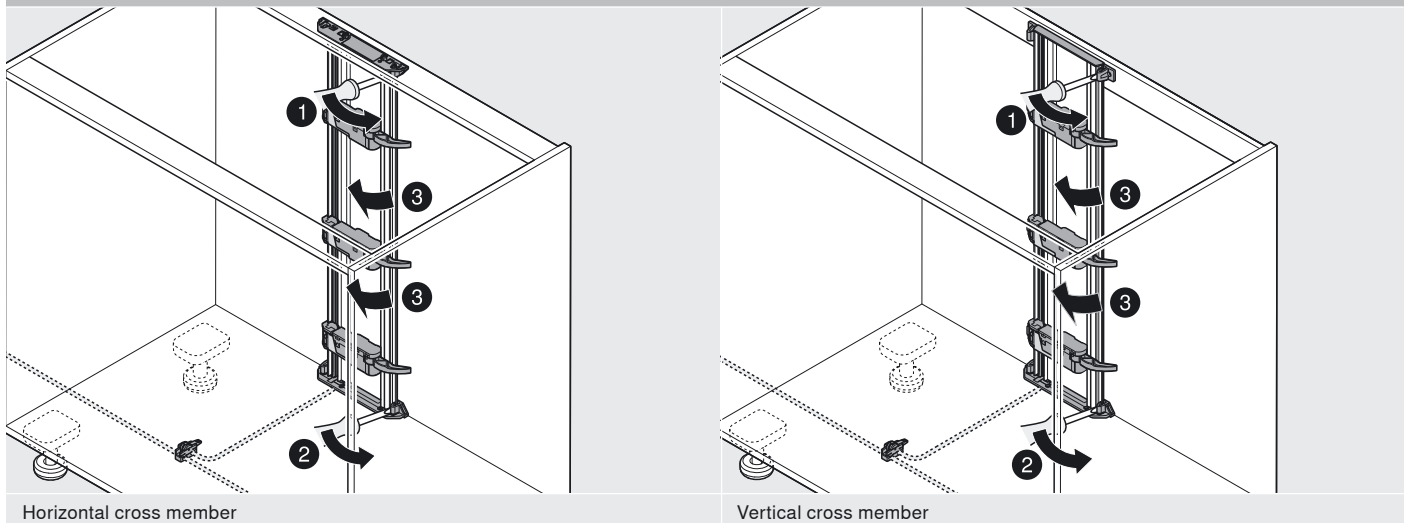
SERVO-DRIVE for TANDEM plus BLUMOTION

Removal

Drive unit removal from upper attachment bracket



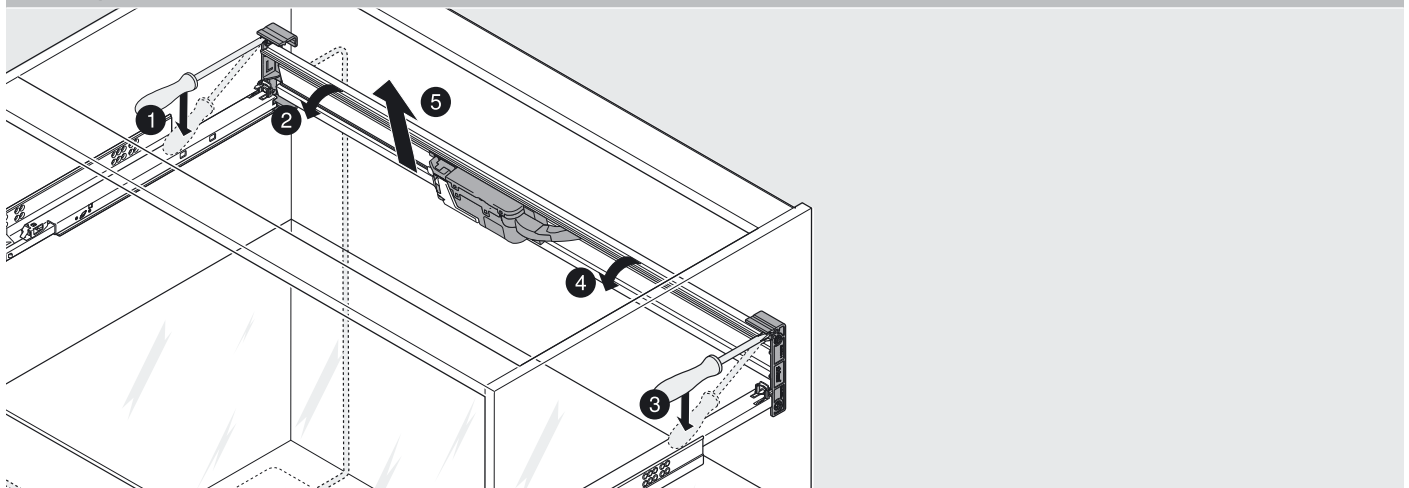
Bracket profile removal



Horizontal cross member

Vertical cross member

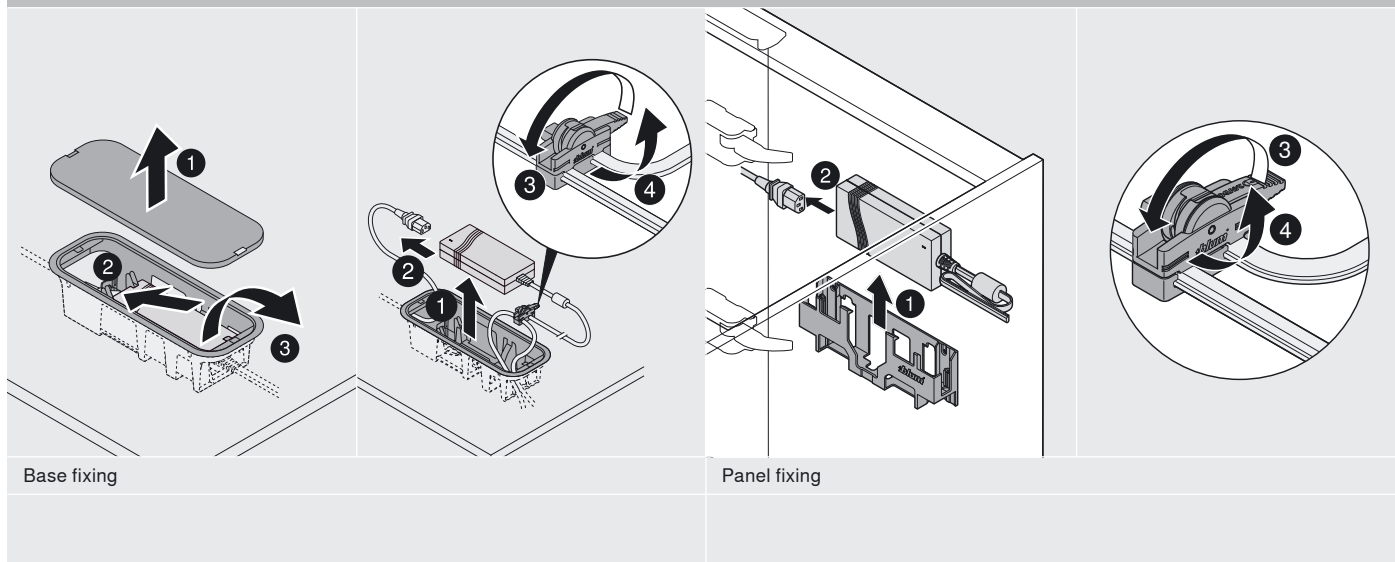
Bracket profile horizontal removal



SERVO-DRIVE for TANDEM plus BLUMOTION



Removal


Blum transformer removal

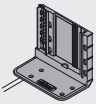



SERVO-DRIVE for TANDEM plus BLUMOTION

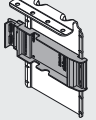
Order specification – Complete overview

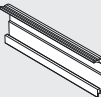
1	Blum distance bumper		
	RAL 7037 dust grey		
	Ø 8 mm	1000 pcs.	993.0830.01
	Ø 5 mm	1000 pcs.	993.0530
	Up to front height 300 mm: 2 pcs. per pull-out		
	Front height 300 mm and higher: 4 pcs. per pull-out		
	Ø 10 mm	1000 pcs.	993.2000
	Adjustable Blum distance bumper for inner drawers		


2	Bracket profile		
	Alu – cut to size with attached cables		
		10 pcs.	☎ Z10TxxxAA
	Alternative:		
	Alu – For cutting to size – Without cable		
		10 pcs.	Z10T1170A


14	Attachment bracket 2 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7201
	For 2 drive units		


15	Attachment bracket 1 tier		
	RAL 7037 dust grey		
		10 pcs.	Z10D7101
	For 1 drive unit		


21	Upper attachment bracket		
	RAL 7037 dust grey		
		10 pcs.	Z10D6252
	With pre-mounted adapter for the drive unit		


19	Bracket profile horizontal		
	Alu		
	KB 275	20 pcs.	Z10T218B
	KB 300	20 pcs.	Z10T243B
	KB 350	10 pcs.	Z10T293B
	KB 400	10 pcs.	Z10T343B
	KB 450	10 pcs.	Z10T393B
	KB 500	10 pcs.	Z10T443B
	KB 550	10 pcs.	Z10T493B
	KB 600	10 pcs.	Z10T543B
	KB 800	10 pcs.	Z10T743B
	KB 900	10 pcs.	Z10T843B
	KB 1000	10 pcs.	Z10T943B
	KB 1200	10 pcs.	Z10T1143B
	KB Cabinet width		

3	Upper bracket profile attachment for cabinet construction with horizontal cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E2.01

2a	Bracket profile cover cap for cabinet construction with vertical cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10T0004

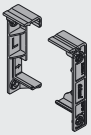
3a	Back bracket profile attachment for cabinet construction with vertical cross member		
	RAL 7037 dust grey		
	Screw fixing		
		50 pcs.	Z10D3001


4	Lower bracket profile attachment for cabinet construction with horizontal or vertical cross member		
	RAL 7037 dust grey		
		50 pcs.	Z10D01E1


20	Adapter for drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10T00B2

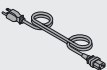
SERVO-DRIVE for TANDEM plus BLUMOTION


Order specification – Complete overview


18	Bracket profile attachment		
	For bracket profile horizontal - screw-on		
	RAL 7037 dust grey		
	Left	50 pcs.	Z10D5011
	Right	50 pcs.	Z10D5011
	Chipboard screws and system screws can be used		


5	Drive unit		
	RAL 7037 dust grey		
		20 pcs.	Z10A3000.02


9	Blum transformer		
	72 W	10 pce.	
	Sprachpakete Montage- und Bedienungsanleitung		
	A DE, EN, FR, IT, NL		Z10NE020A
	B DA, EN, FI, NO, SV		Z10NE020B
	C EL, EN, HR, SL, SR, TR		Z10NE020C
	D EN, ES, FR, IT, PT		Z10NE020D
	E CS, HU, SK, PL		Z10NE020E
	F BG, ET, LT, LV, RO, RU		Z10NE020F
	G EN, ES, FR, (US, CA)		Z10NE020G
	H EN, ZH		Z10NE020H
	Only 1 Blum transformer permitted per distribution cable		


10	Flex		
	Länder		
	Flex Europe	10 pcs.	Z10M200E
	Flex CH	10 pcs.	Z10M200C
	Flex US, CA	10 pcs.	Z10M200U
	Flex JP	10 pcs.	Z10M200J
	Flex BR	10 pcs.	Z10M200S.01
	Flex UK	10 pcs.	Z10M200B
	Flex DK	10 pcs.	Z10M200D
	Flex IL	10 pcs.	Z10M200I
	Flex AU	10 pcs.	Z10M200K
	Flex CN	10 pcs.	Z10M200N
	Flex AR	10 pcs.	Z10M200A
	Flex IN	10 pcs.	Z10M200H
	Flex CL	10 pcs.	Z10M200L
	Flex TW	10 pcs.	Z10M200T
	Flex ZA	10 pcs.	Z10M200Z
	Flex Europe without plug	10 pcs.	Z10M200E.OS

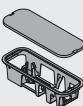
6	Connecting node		
	Black		
		50 pcs.	Z10V1000.01

7	Cable end protector		
	RAL 7037 dust grey		
			Z10K0008


8	Distribution cable for cutting to size		
			
		1 x 100 m	Z10K1HMA
		1/10 x 6 m	Z10K600A
	Can be used as a distribution cable, bracket profile cable, communication cable		

13	Synchronisation cable		
	For the synchronisation of 2 drive units		
	Length 160 cm	10 pcs.	Z10K160S
	Length 120 cm	10 pcs.	Z10K120S
	Length 50 cm	10 pcs.	Z10K050S
	Length 8 cm	10 pcs.	Z10K008S
	Two drive units that are required to open simultaneously must be connected via the synchronisation cable.		

16	Cable holder		
	White		
		100 pcs.	Z10K0009

11	Transformer unit housing for base fixing		
	With cover		
	RAL 7037 dust grey		
		10 pcs.	Z10NG000

Alternative:

12	Transformer unit housing for panel fixing		
	white grey		
		10 pcs.	Z10NG120