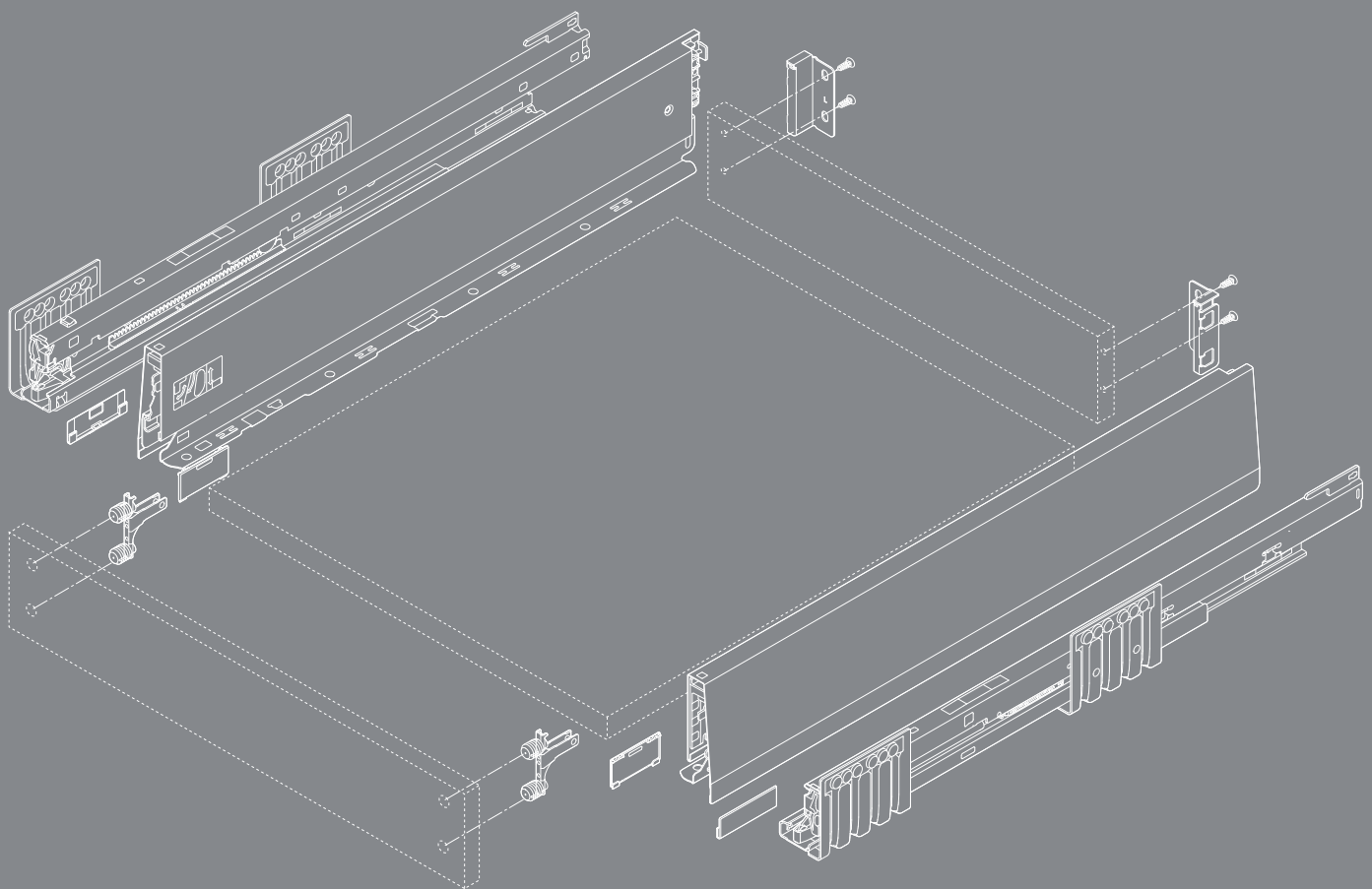


MERIVOBX

Ordering and planning information



Let's create – The box platform for your ideas

Contents

- 06 Overview of the product range
- 08 Drawer – height N
- 12 Drawer – height M
- 16 Inner drawer – height M
- 20 Drawer – height K
- 24 Inner drawer – height K
- High fronted pull-out – height E**
 - 28 – MERIVOBX modular with gallery
 - 32 – MERIVOBX modular with BOXCOVER
 - 36 – MERIVOBX modular with BOXCAP
- Inner pull-out – height E**
 - 40 – Front piece with gallery
 - 44 – Front piece with design element
- 48 Sink pull-out – height M
- 52 Sink pull-out – height E
- 58 MERIVOBX ordering information for industrial packaging
- 60 Cabinet profile with over extension for waste bin applications
- 62 Accessories
- 64 Assembly devices
- 96 SERVO-DRIVE
- 99 TIP-ON BLUMOTION
- 100 Cutting dimensions for cutlery insert / non-slip mat
- 102 AMBIA-LINE

Innovation drivers



Platform

It takes just a few components to create your own extensive range. And you can make furniture manufacturing even more efficient at the same time. Diverse and yet simple.

Design

MERIVOBX boasts straight lines and a striking look. Create your own diverse and unmistakable range of furniture! Modern minimalism meets distinctive design.

Functionality

MERIVOBX will inspire your customers for the lifetime of the furniture. The newly developed cabinet profile concept delivers extremely smooth running action and high load bearing capacity – coupled with a feather-light glide and enhanced stability.

Assembly

A well-thought-out concept. No matter which model you opt for, assembly is always simple and adjustment always the same. It is extremely easy to achieve precise results.

Our services at a glance

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



Concept, planning, quotation

Configure and save your MERIVOBX projects effortlessly online. Our Product and Cabinet Configurator provides you with checked and complete parts lists.



Design

Our Product and Cabinet Configurator supports you in the configuration of furniture and matching MERIVOBX fittings. Our CAD/CAM Data Service provides you with data on MERIVOBX in the most common formats for your design.



Ordering

Simply transfer your parts lists from the Product and Cabinet Configurator directly to the webshop of selected distributors. To make it easy to order your MERIVOBX configuration, you can manage your different projects and order lists with ease under "My projects" and "My order lists".



Manufacturing

Use our configurators and appropriate assembly devices to accelerate your production process. Simply use the BXF interface and EASYSTICK to transfer your planning results to MINIPRESS.



Find out more about our E-SERVICES:
www.blum.com/e-services



Register now free of charge to take advantage of E-SERVICES.
e-services.blum.com

Our range at a glance



Facts

- Steel drawer sides in silk white matt, indium grey matt and orion grey matt
- Distinctive drawer side design
- Straight on the inside with flush cover cap
- Synchronised feather-light glide
- Insert the front in the holding position and simply clip on (easy attachment even if pull-out is already in place)
- 3-dimensional front adjustment

Colour range



Drawer side heights



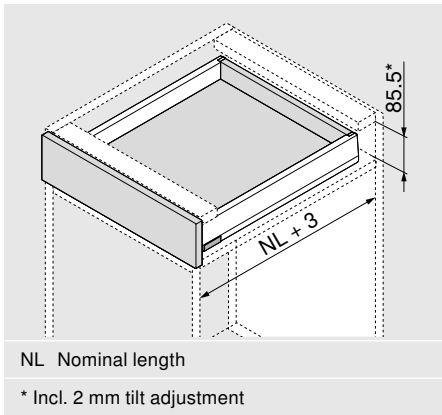
Product



Description

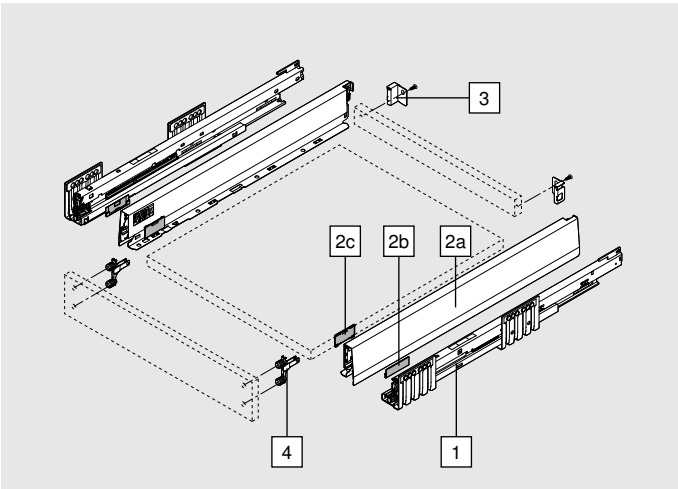
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

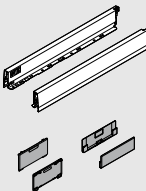
Space requirement



Ordering information

1	Cabinet profile left/right	
	Nominal length NL (mm)	BLUMOTION* 40 kg
	450	450.4501B
	500	450.5001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION		



	Drawer side set					
	Height of drawer side (mm)	N	68.5			
	Nominal length NL (mm)			SW-M	IG-M	OG-M
	450			470N4502S		
	500			470N5002S		
Consisting of:						
2a	1 x	Drawer side left/right				
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs				
2c	2 x	Cover caps				
	Chipboard back fixings left/right					
	Height	Material	SW-M	IG-M	OG-M	
	N	Steel	ZB4N000S			

Ordering information

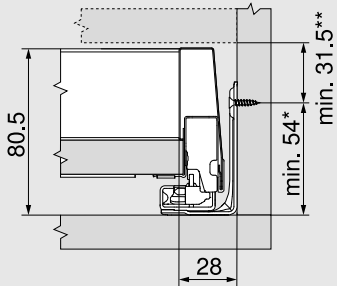
4	Front fixing bracket		
	Fixing method		
	EXPANDO T	2 x	ZF4.10T2
	INSERTA	2 x	ZF4.10I2
	Screw-on*	2 x	ZF4.1002
* Screws not included in scope of delivery			
EXPANDO T suitable for thin fronts – see page 61			

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

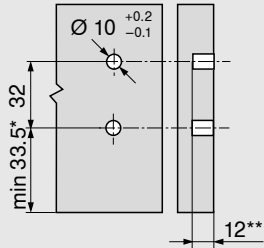
Planning

Space requirements in the cabinet



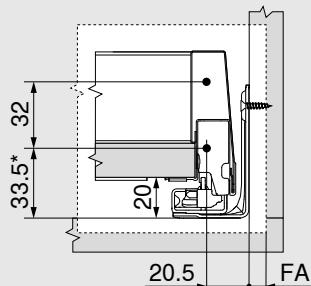
* + 1 mm if cabinet profile is installed before cabinet is assembled
** Incl. 2 mm tilt adjustment

Front drilling distances for INSERTA/EXPANDO T



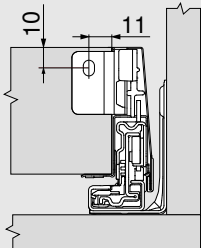
* + 1 mm if cabinet profile is installed before cabinet is assembled
** min. 6 mm for EXPANDO T

Front installation dimensions for screw-on assembly



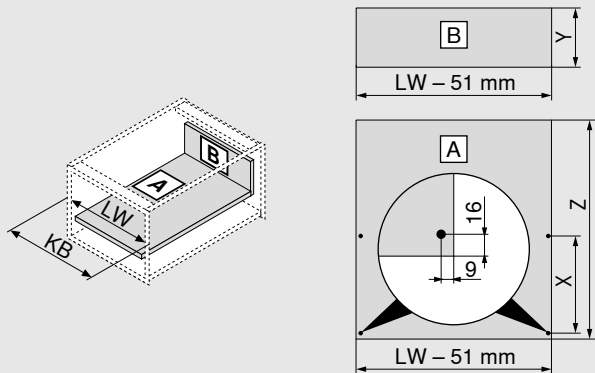
* + 1 mm if cabinet profile is installed before cabinet is assembled
FA Front overlay

Back installation dimensions



Planning

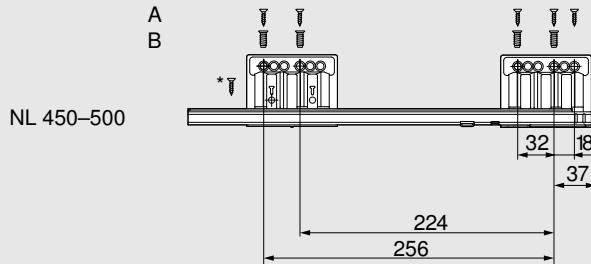
Cutting dimensions for 16 mm chipboard



Chipboard back		Y (mm)
Height		60.5
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 400	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)



- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

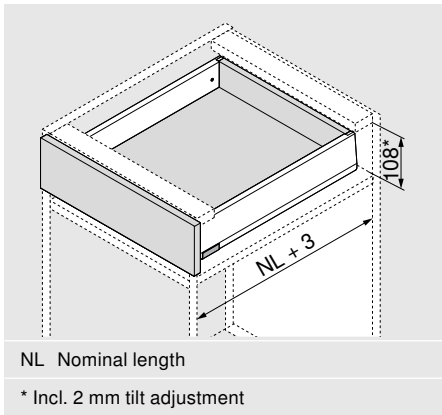
Product



Description

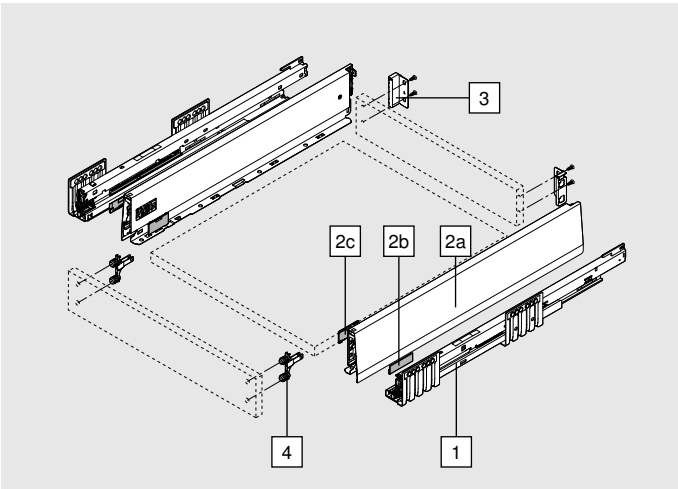
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

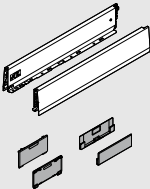
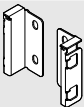
Space requirement



Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	270	450.2701B	
	350	450.3501B	
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



	Drawer side set			
	Height of drawer side (mm)	M	91	
	Nominal length NL (mm)			SW-M
	270			IG-M
	350			OG-M
	400			
	450			
	500			
	550			
	600			
Consisting of:				
2a	1 x	Drawer side left/right		
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs		
2c	2 x	Cover caps		
	Chipboard back fixings left/right			
	Height	Material	SW-M	IG-M
	M	Steel	OG-M	
			ZB4M000S	

Ordering information

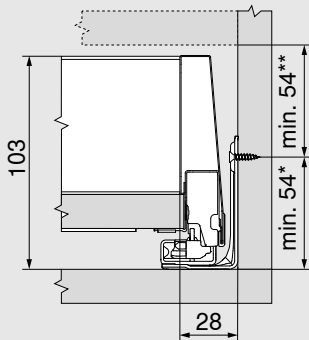
4	Front fixing bracket		
	Fixing method		
	EXPANDO T	2 x	ZF4.10T2
	INSERTA	2 x	ZF4.10I2
	Screw-on*	2 x	ZF4.1002
* Screws not included in scope of delivery			
EXPANDO T suitable for thin fronts – see page 61			

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

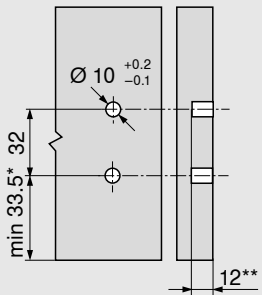
Planning

Space requirements in the cabinet



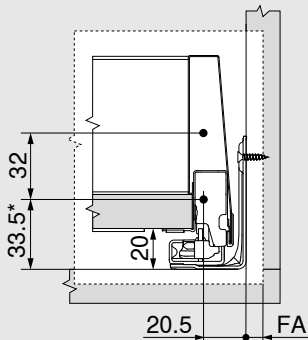
* + 1 mm if cabinet profile is installed before cabinet is assembled
** Incl. 2 mm tilt adjustment

Front drilling distances for INSERTA/EXPANDO T



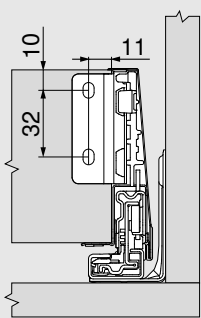
* + 1 mm if cabinet profile is installed before cabinet is assembled
** min. 6 mm for EXPANDO T

Front installation dimensions for screw-on assembly



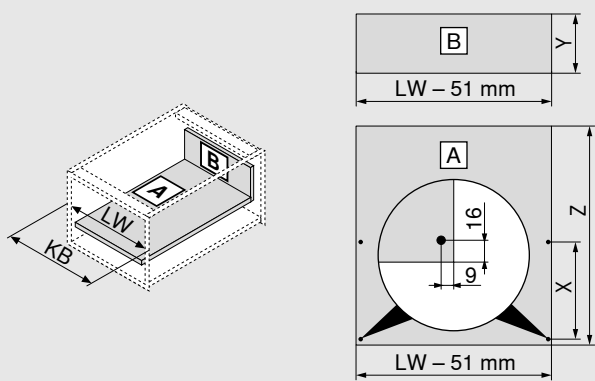
* + 1 mm if cabinet profile is installed before cabinet is assembled
FA Front overlay

Back installation dimensions



Planning

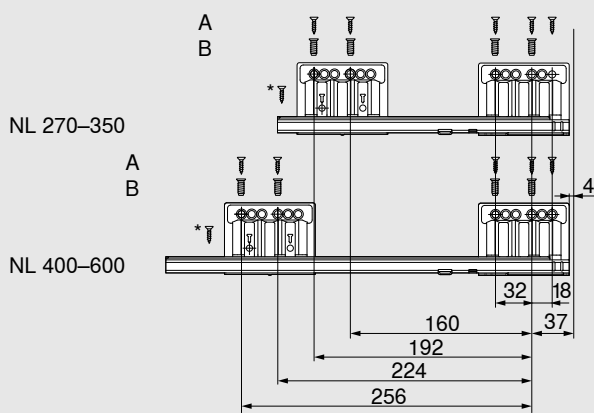
Cutting dimensions for 16 mm chipboard



Chipboard back		Y (mm)
Height		83
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	300	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)

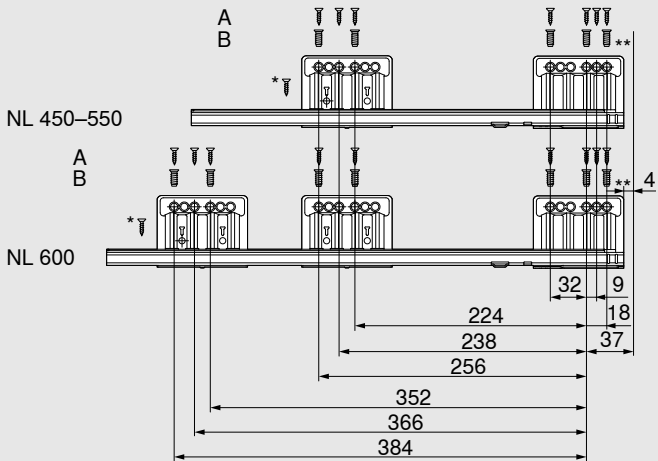


- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm
- ** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

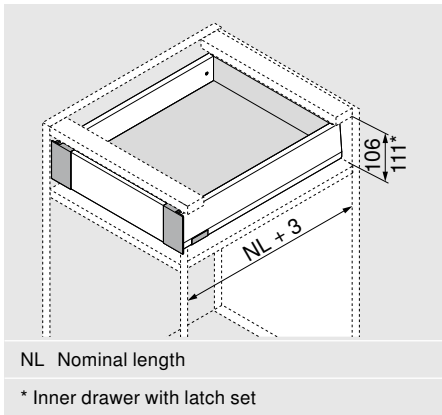
Product



Description

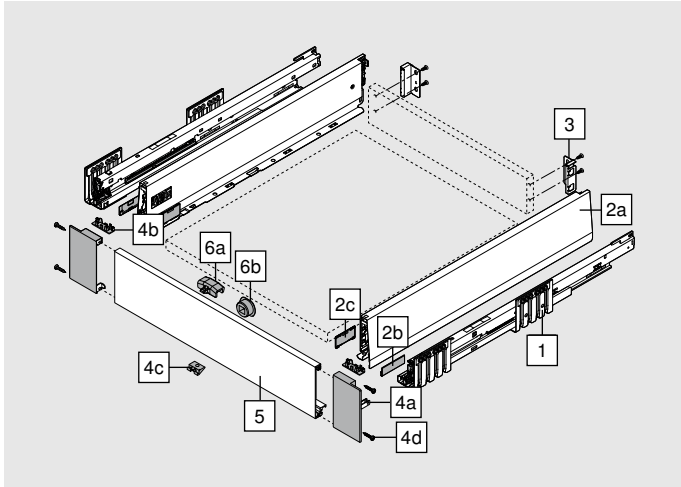
- Inner drawer with closed front piece
- Front piece and drawer sides are colour-coordinated
- Back height M
- Identical position of the cabinet profile
- SERVO-DRIVE for MERIVOBX is only triggered by pulling for inset application pull-outs

Space requirement



Ordering information

1	Cabinet profile left/right	
	Nominal length NL (mm)	BLUMOTION*
		40 kg70 kg
	270	450.2701B
	350	450.3501B
	400	450.4001B
	450	450.4501B453.4501B
	500	450.5001B453.5001B
	550	450.5501B453.5501B
	600	450.6001B453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION		



2	Drawer side set						
	Height of drawer side (mm)	M	91		SW-M	IG-M	OG-M
	Nominal length NL (mm)						
	270					470M2702S	
	350					470M3502S	
	400					470M4002S	
	450					470M4502S	
	500					470M5002S	
	550					470M5502S	
	600					470M6002S	
Consisting of:							
2a	1 x	Drawer side left/right					
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs					
2c	2 x	Cover caps					
3	Chipboard back fixings left/right						
	Height	Material			SW-M	IG-M	OG-M
	M	Steel				ZB4M000S	

Ordering information

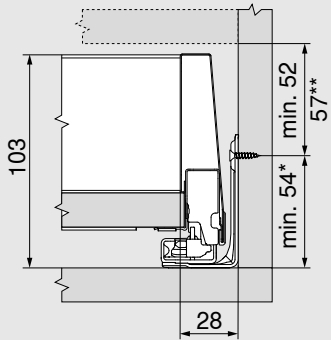
4	Front piece set			
	Material	SW-M	IG-M	OG-M
	Steel	ZI4.0MS1		
Consisting of:				
4a	1 x	Front fixing left/right		
4b	2 x	Internal cover cap		
4c	1 x	Locking piece		
4d	4 x	Screws		
5	Front piece without groove			
	Material	SW-M	IG-M	OG-M
	Aluminium	ZV4.1042M		
	Suitable for cabinet width KB up to 1200 mm			
For cutting to size				
Cutting:		Internal cabinet width LW - 126 mm		

Accessories

6		Latch set (optional)*			
	Material		SW-M	IG-M	OG-M
	Nylon		ZI7.0M07		
Latch must be mounted on the front piece					
* Cannot be used in combination with TIP-ON BLUMOTION					
Consisting of:					
6a	1 x	Latch			
6b	1 x	Latch housing (RAL 7037 dust grey)			
Fixing screw (flat head screw)					
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm		
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base		61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side					

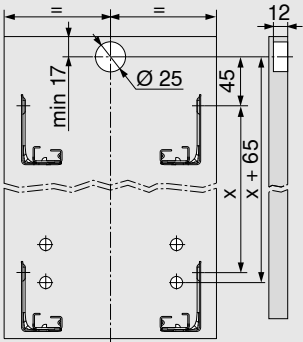
Planning

Space requirements in the cabinet

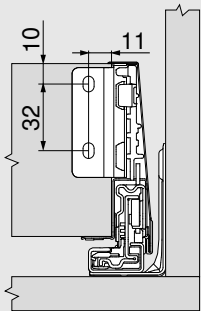


- * + 1 mm if cabinet profile is installed before cabinet is assembled
- ** Inner drawer with latch set possible from height 57 mm

Front drilling distances for latch housing

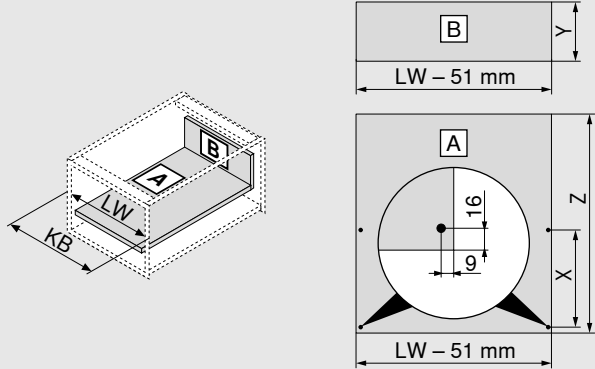


Back installation dimensions



Planning

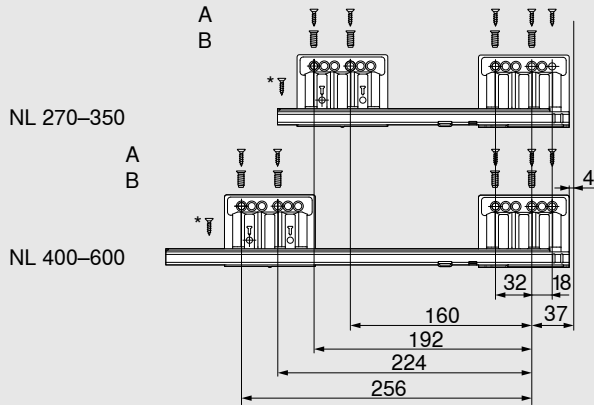
Cutting dimensions for 16 mm chipboard



Chipboard back		Y (mm)
Height		83
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	300	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)

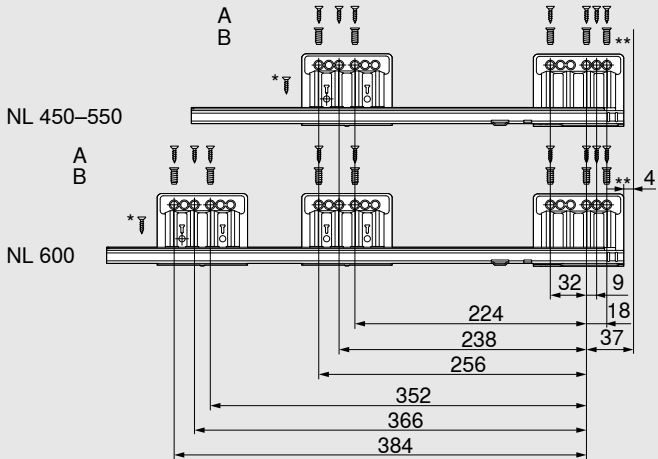


- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm
- ** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

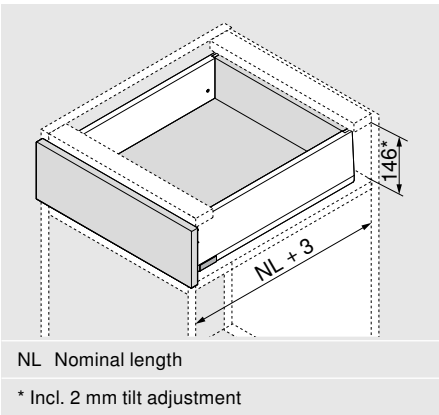
Product



Description

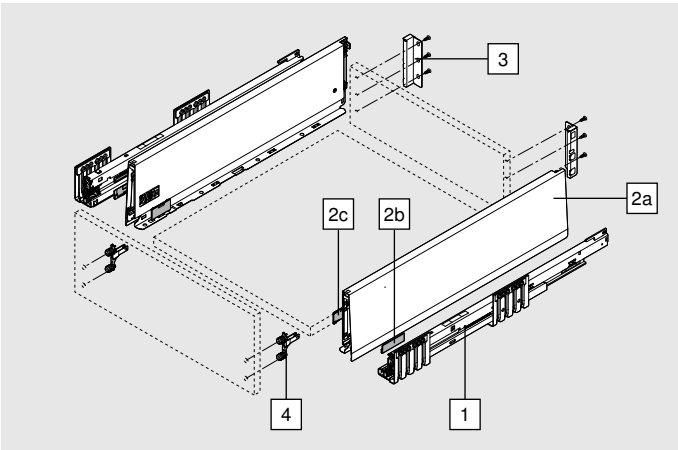
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

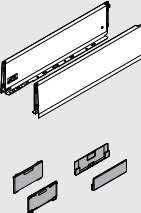
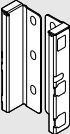
Space requirement



Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



	Drawer side set					
	Height of drawer side (mm)	K	129			
	Nominal length NL (mm)			SW-M	IG-M	OG-M
	400			470K4002S		
	450			470K4502S		
	500			470K5002S		
	550			470K5502S		
	600			470K6002S		
Consisting of:						
2a	1 x	Drawer side left/right				
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs				
2c	2 x	Cover caps				
	Chipboard back fixings left/right					
	Height	Material	SW-M	IG-M	OG-M	
	K	Steel	ZB4K000S			

Ordering information

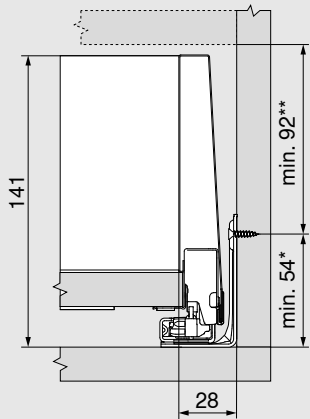
4	Front fixing bracket		
	Fixing method		
	EXPANDO T	2 x	ZF4.10T2
	INSERTA	2 x	ZF4.10I2
	Screw-on*	2 x	ZF4.1002
* Screws not included in scope of delivery			
EXPANDO T suitable for thin fronts – see page 61			

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

Planning

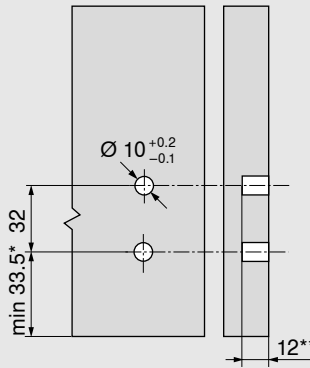
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

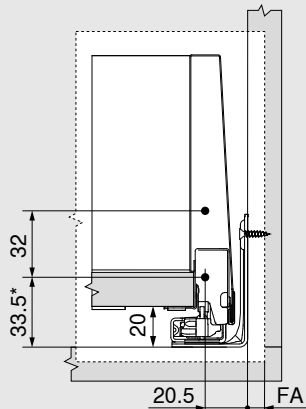
Front drilling distances for INSERTA/EXPANDO T



* + 1 mm if cabinet profile is installed before cabinet is assembled

** min. 6 mm for EXPANDO T

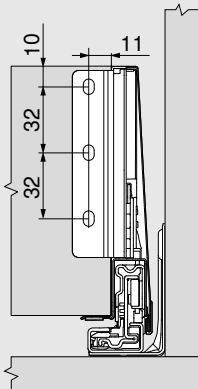
Front installation dimensions for screw-on assembly



* + 1 mm if cabinet profile is installed before cabinet is assembled

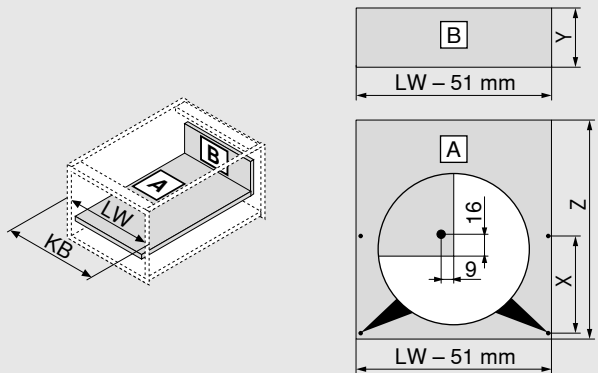
FA Front overlay

Back installation dimensions



Planning

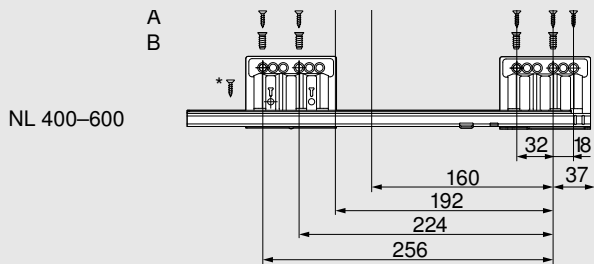
Cutting dimensions for 16 mm chipboard



Chipboard back		Y (mm)
Height		121
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 400	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)



A Chipboard screw Ø 4 x 15 mm

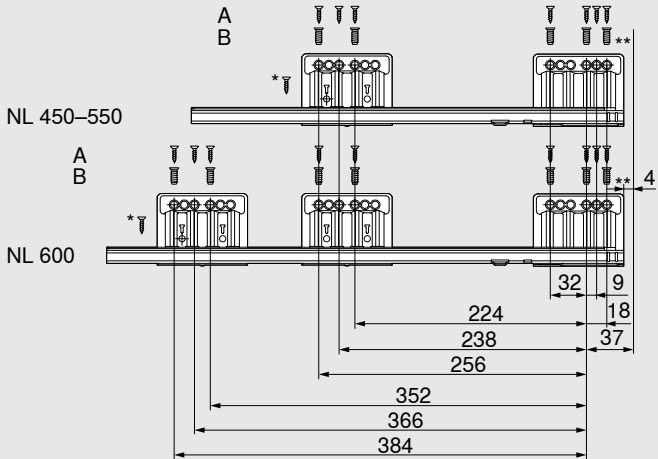
B System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A Chipboard screw Ø 4 x 15 mm

B System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

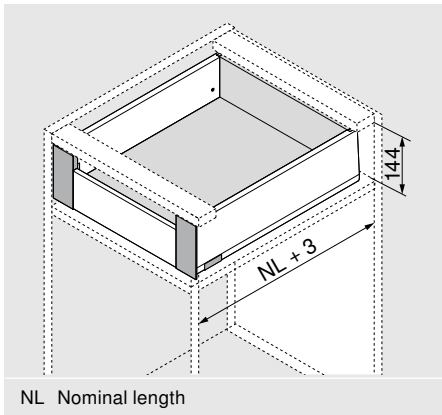
Product



Description

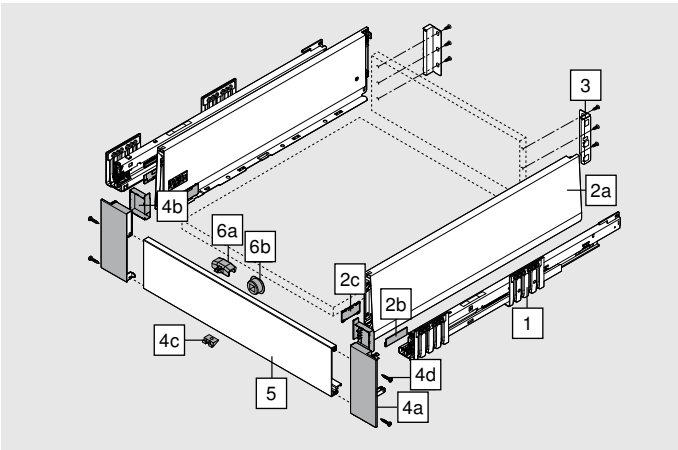
- Inner drawer with closed front piece
- Front piece and drawer sides are colour-coordinated
- Back height K
- Identical position of the cabinet profile
- SERVO-DRIVE for MERIVOBX is only triggered by pulling for inset application pull-outs

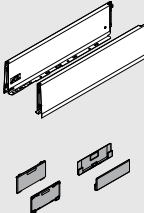
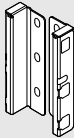
Space requirement



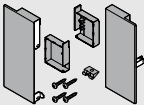
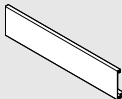
Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



	Drawer side set			
	Height of drawer side (mm)	K	129	
	Nominal length NL (mm)			SW-MIG-MOG-M
	400			470K4002S
	450			470K4502S
	500			470K5002S
	550			470K5502S
	600			470K6002S
Consisting of:				
2a	1 x	Drawer side left/right		
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs		
2c	2 x	Cover caps		
	Chipboard back fixings left/right			
	Height	Material	SW-M	IG-MOG-M
	K	Steel	ZB4K000S	

Ordering information

4		Front piece set			
	Material		SW-M	IG-M	OG-M
	Steel		ZI4.1KS1		
Consisting of:					
4a	1 x	Front fixing left/right			
4b	1 x	Internal cover cap left/right			
4c	1 x	Locking piece			
4d	4 x	Screws			
5		Front piece without groove			
	Material		SW-M	IG-M	OG-M
	Aluminium		ZV4.1042M		
	Suitable for cabinet width KB up to 1200 mm				
For cutting to size					
Cutting:		Internal cabinet width LW - 126 mm			

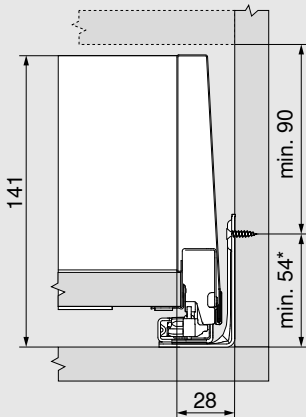
Accessories

6	Latch set (optional)*			
	Material	SW-M	IG-M	OG-M
	Nylon	ZI7.0M07		
Latch must be mounted on the front piece				
* Cannot be used in combination with TIP-ON BLUMOTION				
Consisting of:				
6a	1 x	Latch		
6b	1 x	Latch housing (RAL 7037 dust grey)		

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

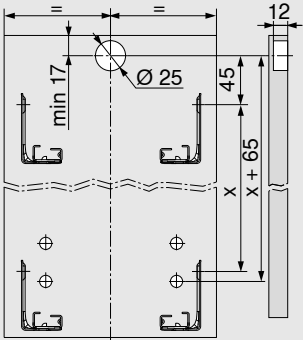
Planning

Space requirements in the cabinet

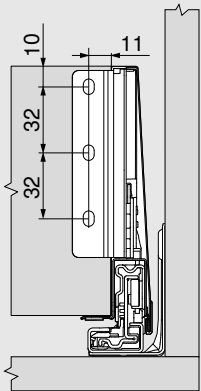


* + 1 mm if cabinet profile is installed before cabinet is assembled

Front drilling distances for latch housing

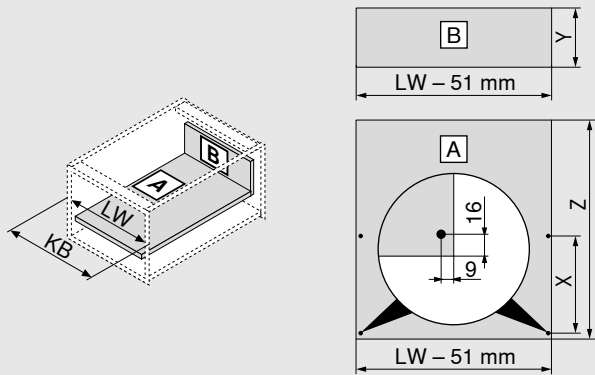


Back installation dimensions



Planning

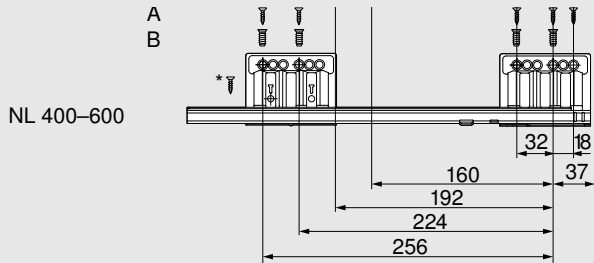
Cutting dimensions for 16 mm chipboard



Chipboard back	Y (mm)	
Height	121	
Base length	Z (mm)	
Chipboard back	NL - 26	
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 400	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)

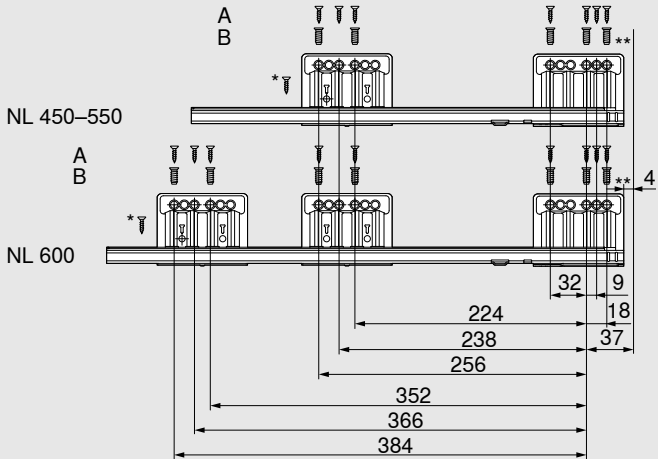


- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



- A Chipboard screw Ø 4 x 15 mm
- B System screws Ø 6 x 14.5 mm
- * For greater lateral stability
Chipboard screw Ø 4 x 15 mm
- ** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

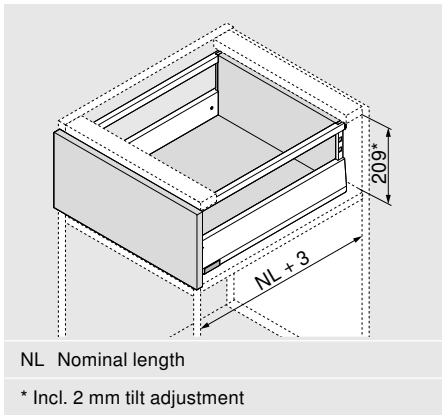
Product



Description

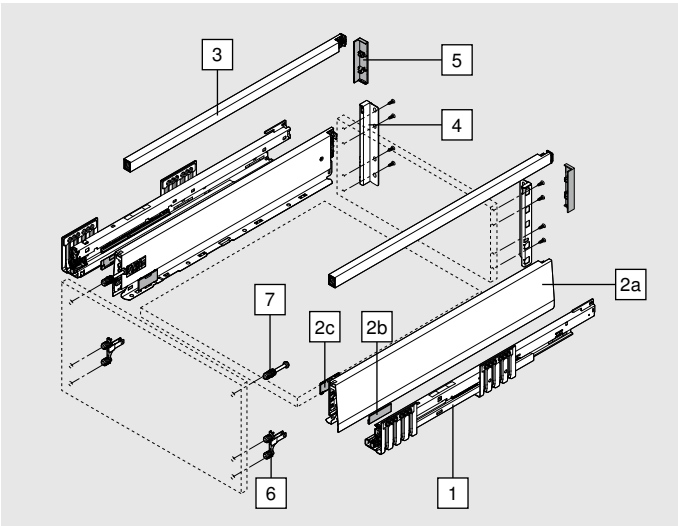
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

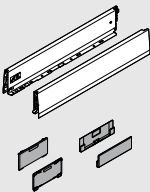
Space requirement



Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	270	450.2701B	
	350	450.3501B	
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



2		Drawer side set					
	Height of drawer side (mm)		M	91			
	Nominal length NL (mm)				SW-M	IG-M	OG-M
	270				470M2702S		
	350				470M3502S		
	400				470M4002S		
	450				470M4502S		
	500				470M5002S		
	550				470M5502S		
	600				470M6002S		
	Consisting of:						
2a	1 x	Drawer side left/right					
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs					
2c	2 x	Cover caps					

Ordering information

3	Gallery left/right				
	Nominal length NL (mm)	Material			
		Steel	SW-M	IG-M	OG-M
	270	ZR4.270RS.E			
	350	ZR4.350RS.E			
	400	ZR4.400RS.E			
	450	ZR4.450RS.E			
	500	ZR4.500RS.E			
	550	ZR4.550RS.E			
600	ZR4.600RS.E				
4	Chipboard back fixings left/right				
	Height	Material	SW-M	IG-M	OG-M
	E	Steel	ZB4E000S		
5	Cabinet back cover cap (optional)				
	Version	Material			
	Symmetrical	Nylon	SW-M	IG-M	OG-M
			2 x	ZB4E00AK	
6	Front fixing bracket				
	Fixing method				
	EXPANDO T		2 x	ZF4.10T2	
	INSERTA		2 x	ZF4.10I2	
	Screw-on*		2 x	ZF4.1002	
* Screws not included in scope of delivery					
EXPANDO T suitable for thin fronts – see page 61					
7	Front fixing bracket, top				
	Fixing method				
	EXPANDO T		2 x	ZF4.50T2	
	INSERTA		2 x	ZF4.50I2	
	Screw-on – pre-assembled chipboard screw Ø 3.8 x 11.4 mm		2 x	ZF4.5002	
EXPANDO T suitable for thin fronts – see page 61					

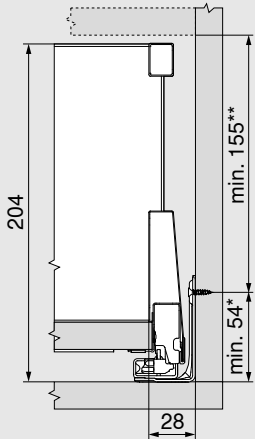
Ordering information

Accessories

Fixing screw (flat head screw)				
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm	
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base	61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side				

Planning

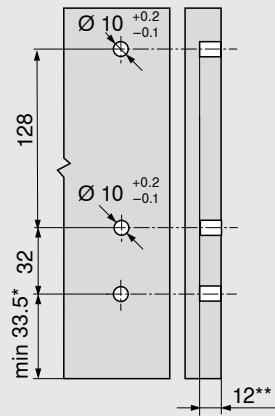
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

Front drilling distances for INSERTA/EXPANDO T

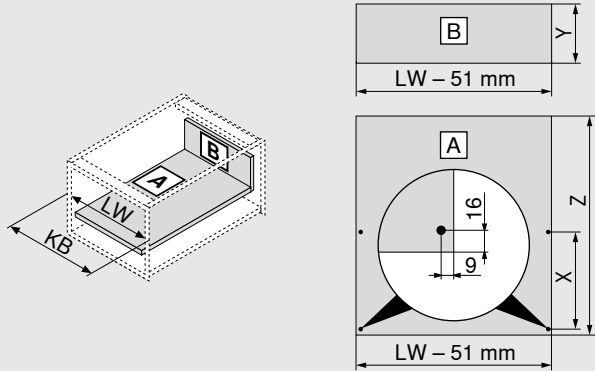


* + 1 mm if cabinet profile is installed before cabinet is assembled

** min. 6 mm for EXPANDO T

Planning

Cutting dimensions for 16 mm chipboard



Chipboard back	Y (mm)
Height	184
Base length	Z (mm)
Chipboard back	NL - 26

Position of drawer base drill hole

Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	> 350	256

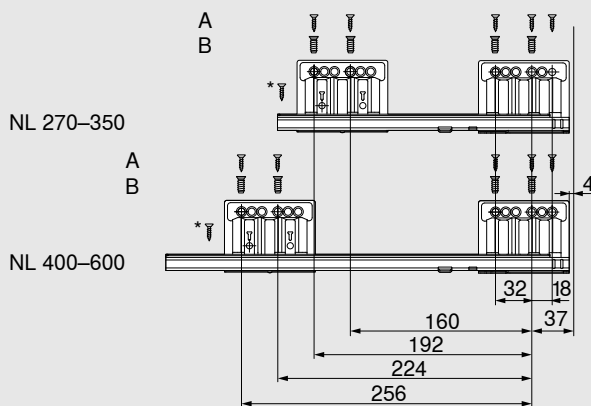
KB Cabinet width

LW Internal cabinet width

NL Nominal length

Cabinet profile screw position – 40 kg

Nominal length NL (mm)

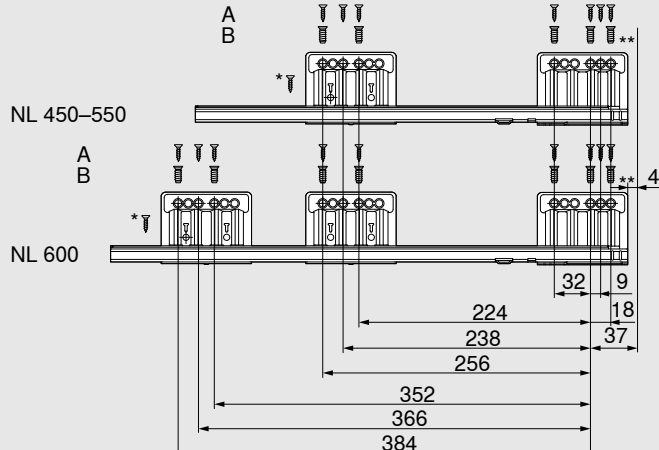


A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

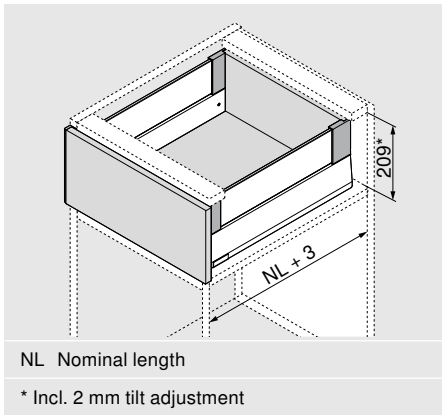
Product



Description

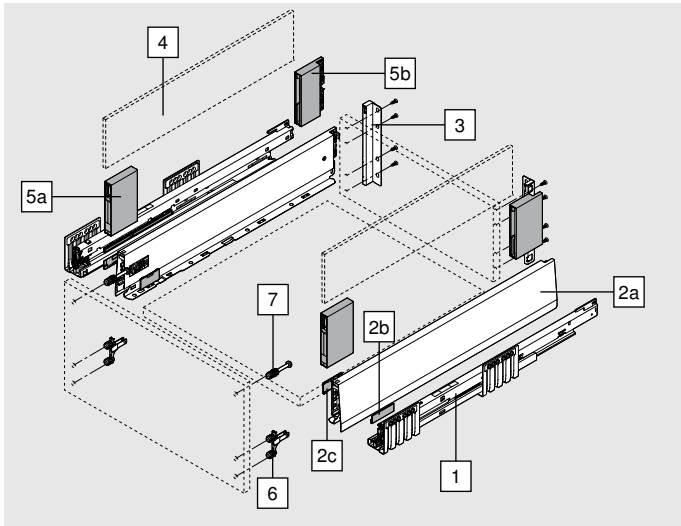
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

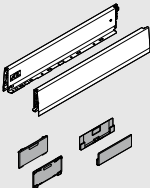
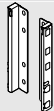
Space requirement



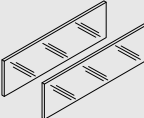
Ordering information

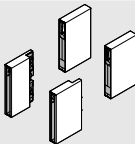
1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



	2					Drawer side set				
	Height of drawer side (mm)		M	91						
	Nominal length NL (mm)				SW-M	IG-M	OG-M			
	450				470M4502S					
	500				470M5002S					
	550				470M5502S					
	600				470M6002S					
Consisting of:										
2a	1 x	Drawer side left/right								
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs								
2c	2 x	Cover caps								
	3							Chipboard back fixings left/right		
	Height		Material			SW-M	IG-M	OG-M		
	E		Steel			ZB4E000S				

Ordering information

4		Glass design element (side)	
		Nominal length NL (mm)	Clear
		450	ZE4M360G
		500	ZE4M410G
		550	ZE4M460G
		600	ZE4M510G
Consisting of:			
4	2 x	Glass design element	
Note			
In the case of other nominal lengths NL, cut the next longest design element to size accordingly			
For cut-to-size dimension see page 35			
 To guarantee a safe connection between the front and BOXCOVER, the sides of the glass must be cleaned prior to assembly (required from a front height of more than 455 mm).			

	BOXCOVER left/right				
	Height	Material	SW-M	IG-M	OG-M
	M	Steel	ZL4M00808		
	8 mm design element				
	For front heights greater than 455 mm, the clamping screw must be tightened – 1.5 to 2 Nm				
Consisting of:					
5a	1 x	BOXCOVER front left/right			
5b	1 x	BOXCOVER back left/right			
Including clamp jaws for attaching the glass design element					
 When using the INSERTA front fixing bracket, make sure that the front fixing bracket is folded up or down.					

6	Front fixing bracket			
	Fixing method			
	EXPANDO T	2 x	ZF4.10T2	
	INSERTA	2 x	ZF4.10I2	
	Screw-on*	2 x	ZF4.1002	
* Screws not included in scope of delivery				
EXPANDO T suitable for thin fronts – see page 61				

7	Front fixing bracket, top			
	Fixing method			
	EXPANDO T	2 x	ZF4.50T2	
	INSERTA	2 x	ZF4.50I2	
	Screw-on – pre-assembled chipboard screw Ø 3.8 x 11.4 mm	2 x	ZF4.5002	
EXPANDO T suitable for thin fronts – see page 61				

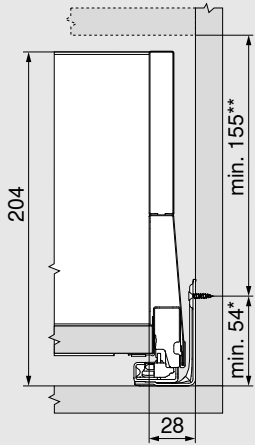
Ordering information

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

Planning

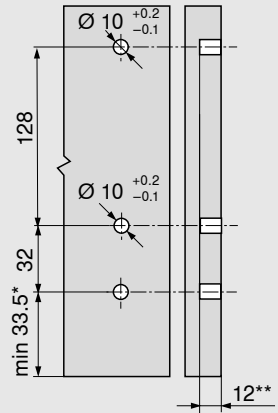
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

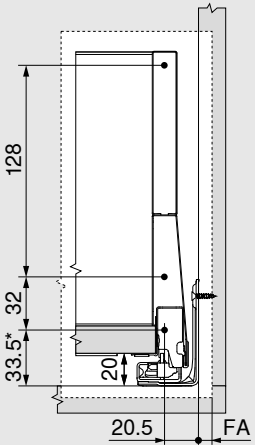
Front drilling distances for INSERTA/EXPANDO T



* + 1 mm if cabinet profile is installed before cabinet is assembled

** min. 6 mm for EXPANDO T

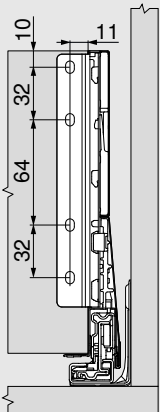
Front installation dimensions for screw-on assembly



* + 1 mm if cabinet profile is installed before cabinet is assembled

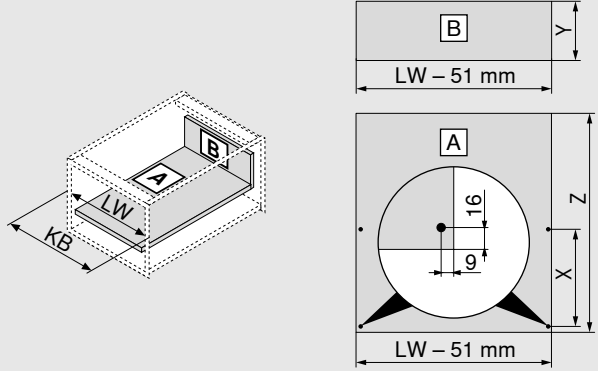
FA Front overlay

Back installation dimensions



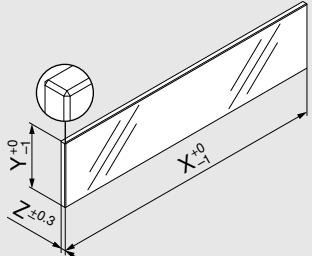
Planning

Cutting dimensions for 16 mm chipboard



Chipboard back	Y (mm)	
Height	184	
Base length	Z (mm)	
Chipboard back	NL - 26	
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

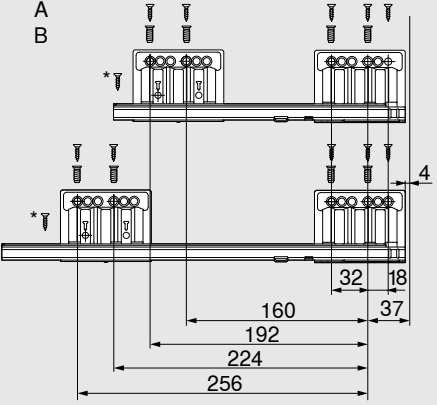
Cutting – design element



Design element	X (mm)	Y (mm)	Z (mm)
Side	NL - 90	95	8
NL Nominal length			
"Impact testing for vertically installed glass parts" as per standard DIN EN 14749 (dated June 2016) is not required due to the dimensions of the design element in combination with MERIVOBX. No safety glass is required to comply with the standard. The edge is a polished flat edge with a 1 mm ± 0.5 mm bevel.			

Cabinet profile screw position – 40 kg

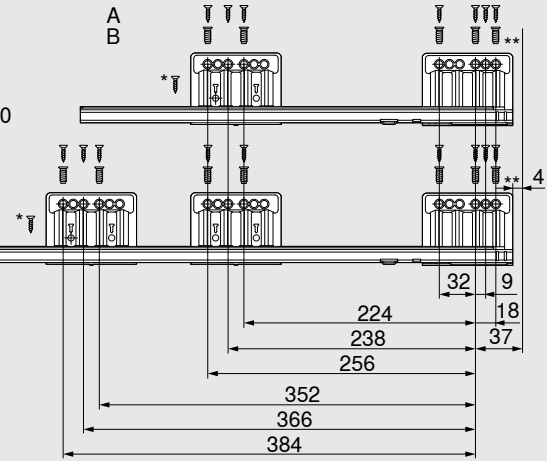
Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

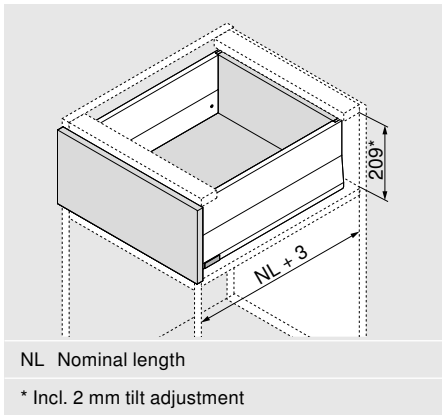
Product



Description

- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

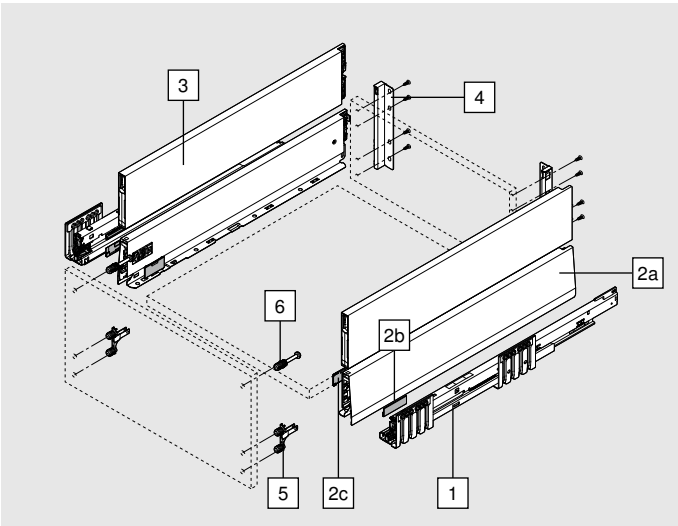
Space requirement

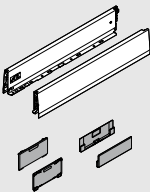


Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	270	450.2701B	
	350	450.3501B	
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B

* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION



	Drawer side set					
	Height of drawer side (mm)		M	91		
	Nominal length NL (mm)			SW-M	IG-M	OG-M
	270			470M2702S		
	350			470M3502S		
	400			470M4002S		
	450			470M4502S		
	500			470M5002S		
	550			470M5502S		
	600			470M6002S		
Consisting of:						
2a	1 x	Drawer side left/right				
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs				
2c	2 x	Cover caps				

Ordering information

3	BOXCAP left/right				
	Material	Steel			
	Nominal length NL (mm)			SW-M	IG-M OG-M
	270			ZL4.270S.E	
	350			ZL4.350S.E	
	400			ZL4.400S.E	
	450			ZL4.450S.E	
	500			ZL4.500S.E	
	550			ZL4.550S.E	
	600			ZL4.600S.E	

4	Chipboard back fixings left/right				
	Height	Material	Steel	SW-M	IG-M OG-M
	E	Steel	ZB4E000S		

5	Front fixing bracket			
	Fixing method			
	EXPANDO T	2 x	ZF4.10T2	
	INSERTA	2 x	ZF4.10I2	
	Screw-on*	2 x	ZF4.1002	
* Screws not included in scope of delivery				
EXPANDO T suitable for thin fronts – see page 61				

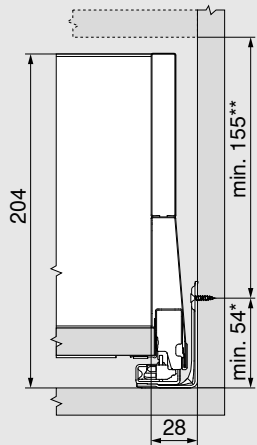
6	Front fixing bracket, top			
	Fixing method			
	EXPANDO T	2 x	ZF4.50T2	
	INSERTA	2 x	ZF4.50I2	
	Screw-on – pre-assembled chipboard screw Ø 3.8 x 11.4 mm	2 x	ZF4.5002	
EXPANDO T suitable for thin fronts – see page 61				

Accessories

Fixing screw (flat head screw)				
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm	
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base	
				61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side				

Planning

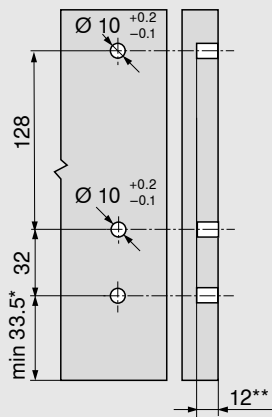
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

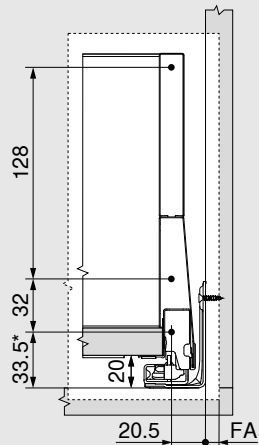
Front drilling distances for INSERTA/EXPANDO T



* + 1 mm if cabinet profile is installed before cabinet is assembled

** min. 6 mm for EXPANDO T

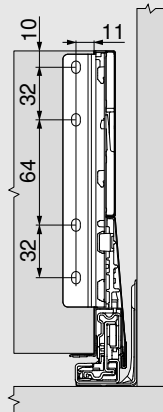
Front installation dimensions for screw-on assembly



* + 1 mm if cabinet profile is installed before cabinet is assembled

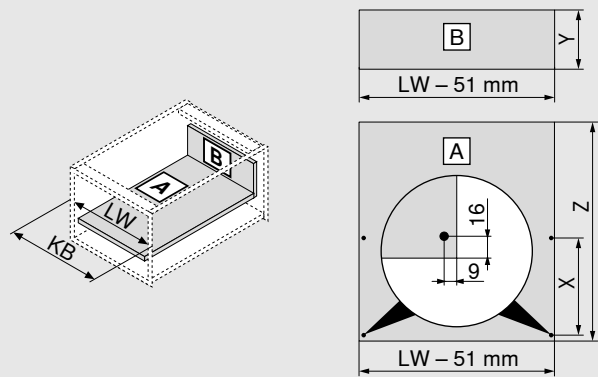
FA Front overlay

Back installation dimensions



Planning

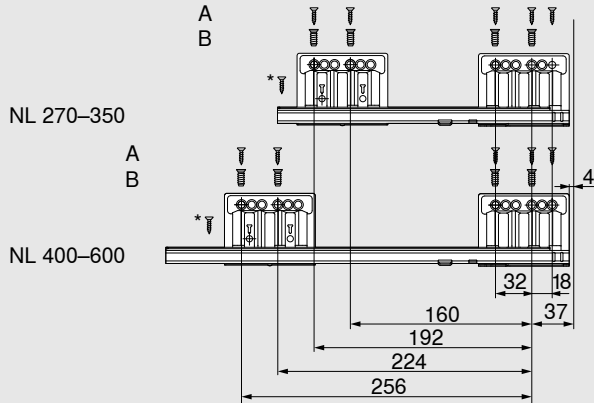
Cutting dimensions for 16 mm chipboard



Chipboard back		Y (mm)
Height		184
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

Nominal length NL (mm)



A Chipboard screw Ø 4 x 15 mm

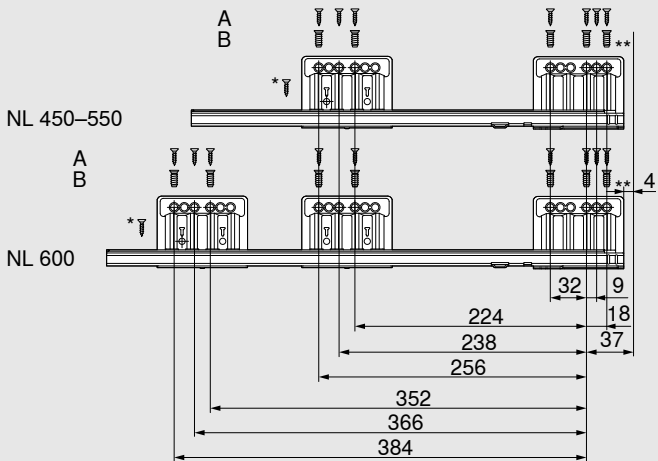
B System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A Chipboard screw Ø 4 x 15 mm

B System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Front piece with gallery

Product

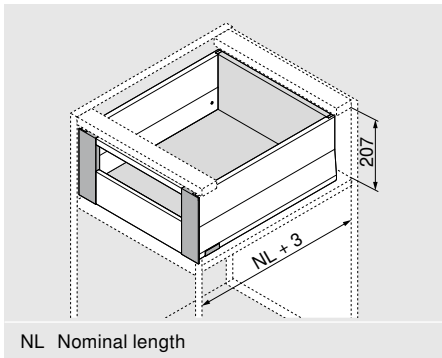


Example of inner pull-out using BOXCAP

Description

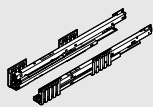
- Inner pull-out with gallery for direct access to contents
- Front piece, drawer sides and gallery are colour-coordinated
- SERVO-DRIVE for MERIVOBX is only triggered by pulling for inset application pull-outs

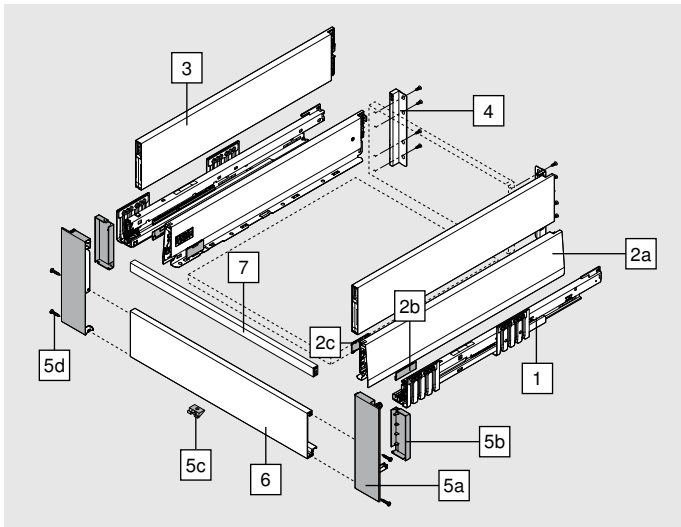
Space requirement

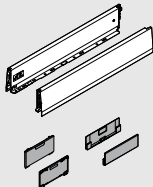


Ordering information

Application recommendation		
All inner pull-out options can be combined with any high fronted pull-out option in height E. Please see the relevant page for the components to be ordered. All components apart from the front fixing bracket are needed.		
High fronted pull-out modular with gallery		28
High fronted pull-out modular with BOXCOVER		32
High fronted pull-out modular with BOXCAP		36

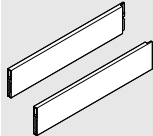
1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	270	450.2701B	
	350	450.3501B	
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			

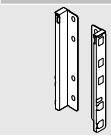


2	Drawer side set			
	Height of drawer side (mm)	M	91	
	Nominal length NL (mm)			
	270			SW-M
	350			IG-M
	400			OG-M
	450			
	500			
	550			
	600			
Consisting of:				
2a	1 x	Drawer side left/right		
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs		
2c	2 x	Cover caps		

Front piece with gallery

Ordering information

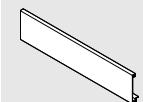
3	BOXCAP left/right				
	Material	Steel			
	Nominal length NL (mm)		SW-M	IG-M	OG-M
	270			ZL4.270S.E	
	350			ZL4.350S.E	
	400			ZL4.400S.E	
	450			ZL4.450S.E	
	500			ZL4.500S.E	
	550			ZL4.550S.E	
	600			ZL4.600S.E	

4	Chipboard back fixings left/right				
	Height	Material	SW-M	IG-M	OG-M
	E	Steel		ZB4E000S	

5	Front piece set				
	Material	Steel	SW-M	IG-M	OG-M
				ZI4.2ES1	

Consisting of:

5a	1 x	Front fixing left/right
5b	1 x	Internal cover cap left/right
5c	1 x	Locking piece
5d	4 x	Screws

6	Front piece without groove				
	Material	Aluminium	SW-M	IG-M	OG-M
				ZV4.1042M	
	Suitable for cabinet width KB up to 1200 mm				

For cutting to size

Cutting:	Internal cabinet width LW - 126 mm
----------	------------------------------------

7	Cross gallery				
	Material	Aluminium	SW-M	IG-M	OG-M
				ZR4.1059U	
	Suitable for cabinet width KB up to 1200 mm				

For cutting to size

Cutting:	Internal cabinet width LW - 111 mm
----------	------------------------------------

Front piece with gallery

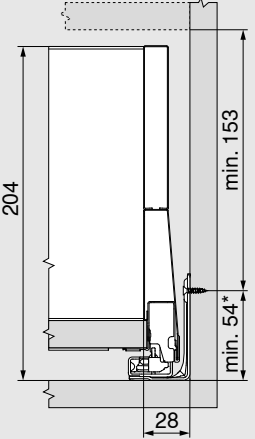
Ordering information

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

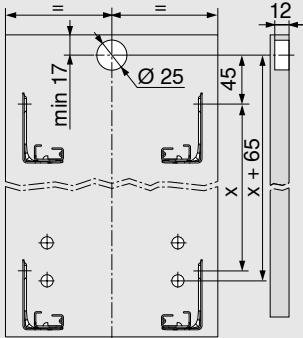
Planning

Space requirements in the cabinet

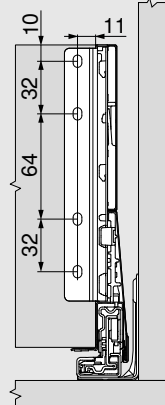


* + 1 mm if cabinet profile is installed before cabinet is assembled

Front drilling distances for latch housing



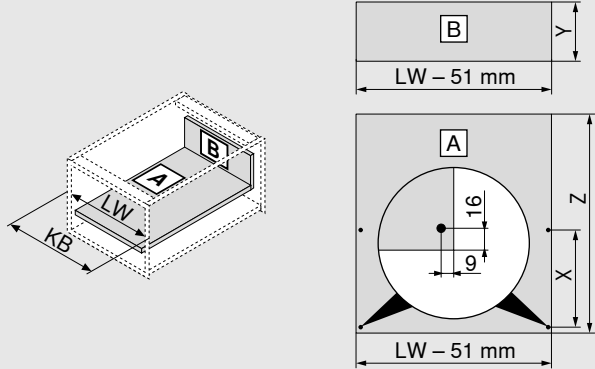
Back installation dimensions



Front piece with gallery

Planning

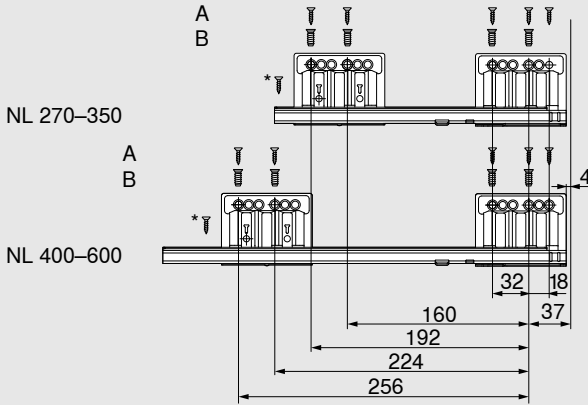
Cutting dimensions for 16 mm chipboard



Chipboard back	Y (mm)	
Height	184	
Base length	Z (mm)	
Chipboard back	NL - 26	
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cabinet profile screw position – 40 kg

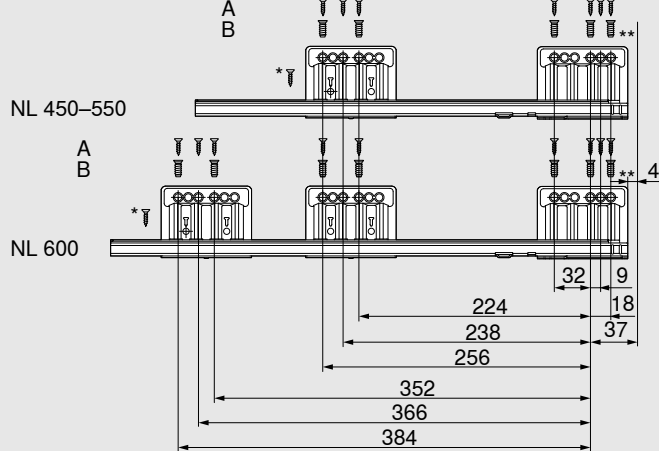
Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Front piece with design element

Product

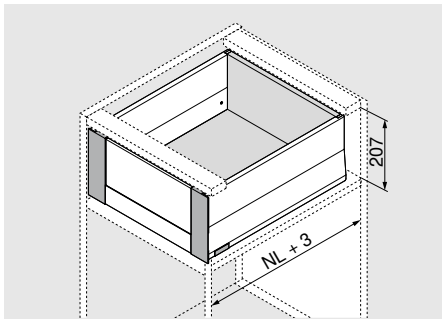


Example of inner pull-out using BOXCAP

Description

- Inner pull-out for high and low design element
- Front piece and drawer sides are colour-coordinated
- SERVO-DRIVE for MERIVOBX is only triggered by pulling for inset application pull-outs

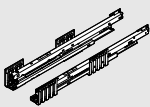
Space requirement

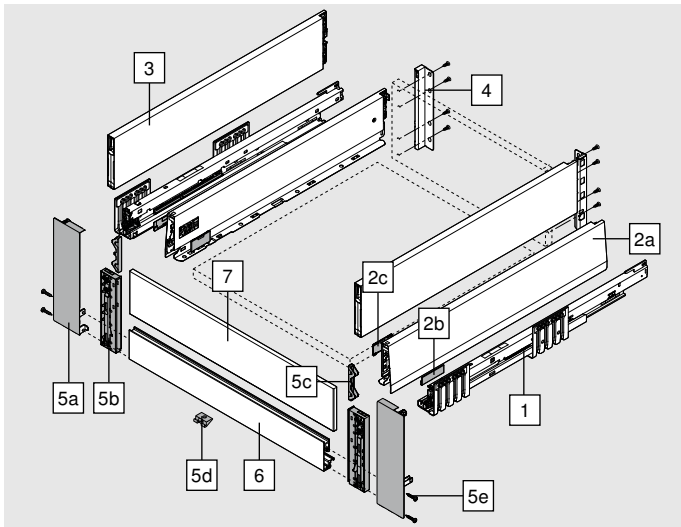


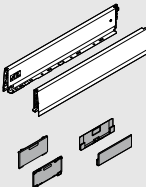
NL Nominal length

Ordering information

Application recommendation		
All inner pull-out options can be combined with any high fronted pull-out option in height E. Please see the relevant page for the components to be ordered. All components apart from the front fixing bracket are needed.		
High fronted pull-out modular with gallery		28
High fronted pull-out modular with BOXCOVER		32
High fronted pull-out modular with BOXCAP		36

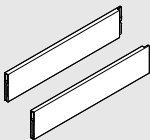
1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	270	450.2701B	
	350	450.3501B	
	400	450.4001B	
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			

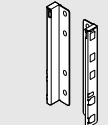


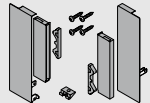
2		Drawer side set					
	Height of drawer side (mm)		M	91			
	Nominal length NL (mm)				SW-M	IG-M	OG-M
	270				470M2702S		
	350				470M3502S		
	400				470M4002S		
	450				470M4502S		
	500				470M5002S		
	550				470M5502S		
	600				470M6002S		
Consisting of:							
2a	1 x	Drawer side left/right					
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs					
2c	2 x	Cover caps					

Front piece with design element

Ordering information

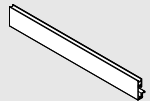
3	BOXCAP left/right				
	Material	Steel			
	Nominal length NL (mm)		SW-M	IG-M	OG-M
	270		ZL4.270S.E		
	350		ZL4.350S.E		
	400		ZL4.400S.E		
	450		ZL4.450S.E		
	500		ZL4.500S.E		
	550		ZL4.550S.E		
	600		ZL4.600S.E		

4	Chipboard back fixings left/right				
	Height	Material	SW-M	IG-M	OG-M
	E	Steel	ZB4E000S		

5	Front piece set				
	Material	Steel	SW-M	IG-M	OG-M
			ZI4.4ES1		

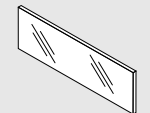
Consisting of:

5a	1 x	Front fixing left/right
5b	1 x	Glass fixing left/right
5c	2 x	Adapter piece for front piece with a low design element
5d	1 x	Locking piece
5e	4 x	Screws

6	Front piece with groove				
	Material	Aluminium	SW-M	IG-M	OG-M
			ZV4.1042NN		
	Suitable for cabinet width KB up to 1200 mm				

For cutting to size

Cutting:	Internal cabinet width LW - 126 mm
----------	------------------------------------

7	Glass design element (for inner pull-out front)				
	Material	Colour	Low design element		High design element
	Glass	Clear			
	Cabinet width (mm)		15/16		15/16
	600		ZE4L464G		ZE4H464G
	1200		ZE4L1064G		ZE4H1064G

Consisting of:

7	1 x	Glass design element
---	-----	----------------------

In the case of other cabinet widths KB, cut the next longest design element to size accordingly

For cut-to-size dimension see page 47

Front piece with design element

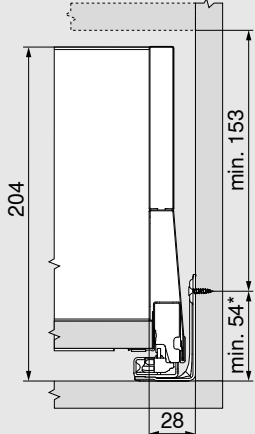
Ordering information

Accessories

Fixing screw (flat head screw)				
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm	
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base	61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side				

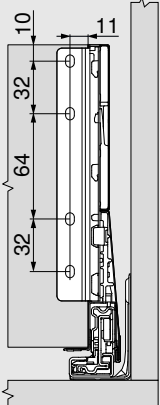
Planning

Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

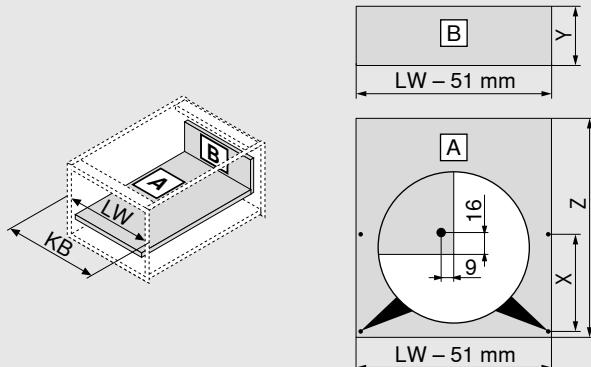
Back installation dimensions



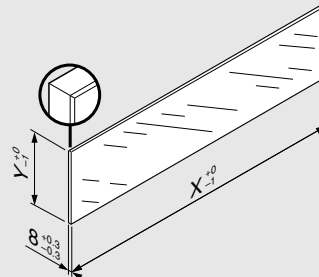
Front piece with design element

Planning

Cutting dimensions for 16 mm chipboard

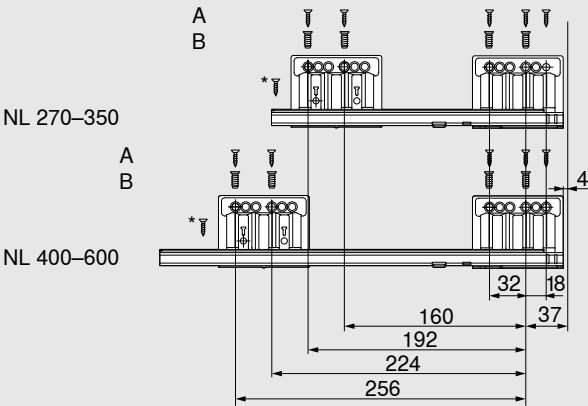


Chipboard back		Y (mm)
Height		184
Base length		Z (mm)
Chipboard back		NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	270	128
	> 350	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

Cutting – design element			
	Design element	X (mm)	Y (mm)
	Low	LW - 104	75
	High	LW - 104	142.5
LW Internal cabinet width			
"Impact testing for vertically installed glass parts" as per standard DIN EN 14749 (dated June 2016) is not required due to the dimensions of the design element in combination with MERIVOBX. No safety glass is required to comply with the standard. The edge is a polished flat edge with a 1 mm ± 0.5 mm bevel.			

Cabinet profile screw position – 40 kg

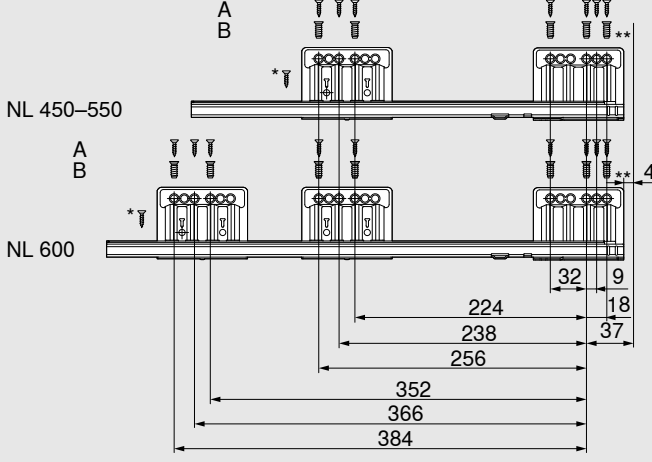
Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

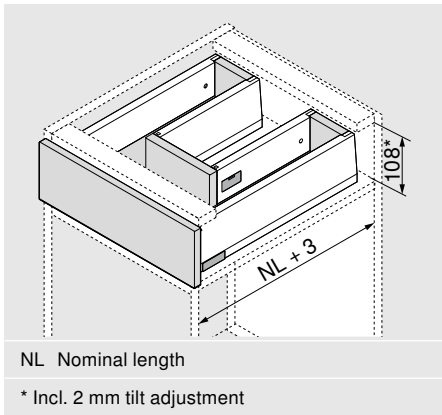
Product



Description

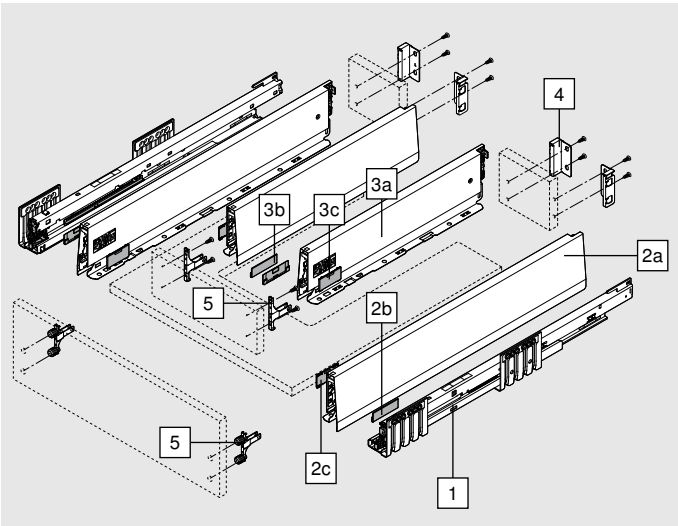
- With centre piece for optimal use of storage space
- Can be implemented with standard components
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

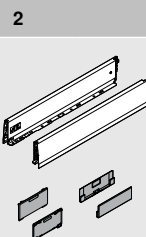
Space requirement



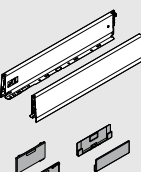
Ordering information

1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			



	Outer drawer side set					
	Height of drawer side (mm)		M	91		
	Nominal length NL (mm)			SW-M	IG-M	OG-M
	450			470M4502S		
	500			470M5002S		
	550			470M5502S		
	600			470M6002S		
Consisting of:						
2a	1 x	Drawer side left/right				
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs				
2c	2 x	Cover caps				

Ordering information

	Inner drawer side set				
	Height of drawer side (mm)		M	91	
	Nominal length NL (mm)			SW-M	IG-M
	350			470M3502S	
	400			470M4002S	
	450			470M4502S	
Consisting of:					
3a	1 x	Drawer side left/right			
3b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs			
3c	2 x	Cover caps			
For effective use of storage space, we recommend:					
External nominal length NL drawer sides - internal nominal length NL drawer sides = min. 150 mm					

4	Chipboard back fixings left/right				
	Height	Material			
	M	Steel	SW-M	IG-M	OG-M
			2 x		
			ZB4M000S		

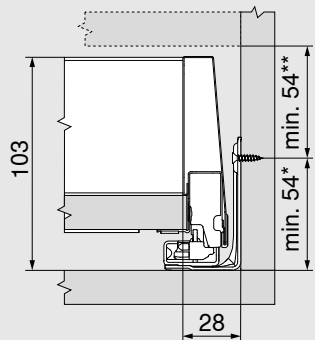
5	Front fixing bracket			
	Fixing method			
	EXPANDO T		4 x	ZF4.10T2
	INSERTA*		2 x	ZF4.10I2
	Screw-on**		4 x	ZF4.1002
* Centre piece cannot be used with INSERTA!				
** Screws not included in scope of delivery				
EXPANDO T suitable for thin fronts – see page 61				

Accessories

Fixing screw (flat head screw)				
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm	
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base	
				61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side				

Planning

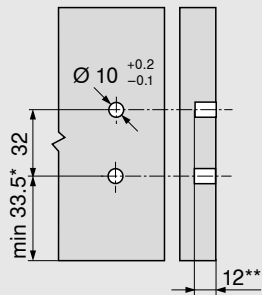
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

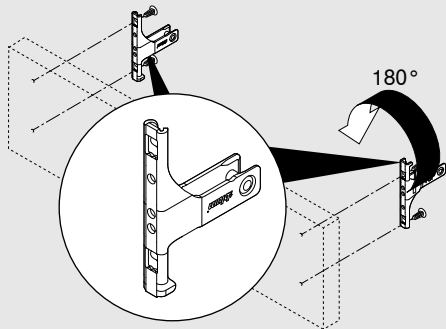
Front drilling distances for INSERTA/EXPANDO T



* + 1 mm if cabinet profile is installed before cabinet is assembled

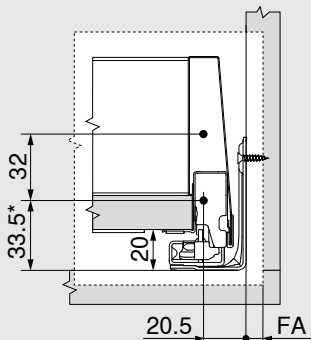
** min. 6 mm for EXPANDO T

Rotation of front fixing bracket for centre piece



Cannot be used with INSERTA!

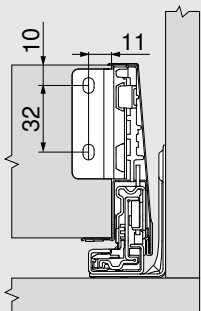
Front installation dimensions for screw-on assembly



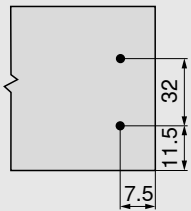
* + 1 mm if cabinet profile is installed before cabinet is assembled

FA Front overlay

Back installation dimensions

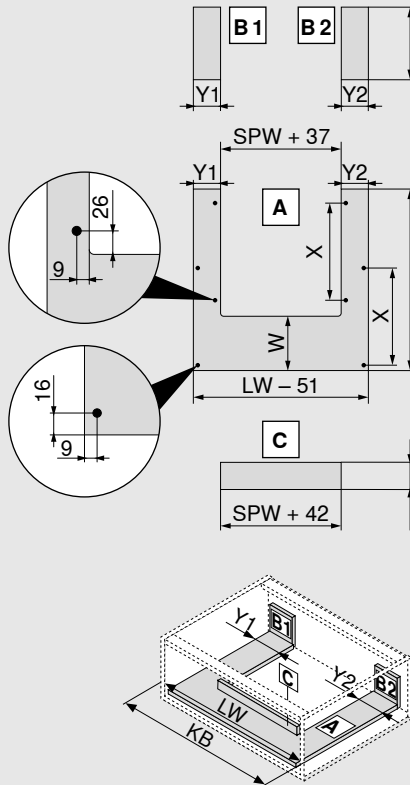


Centre piece drilling distances



Planning

Cutting dimensions for 16 mm chipboard



Chipboard back		B (mm)
Height		83
Base length		A (mm)
Chipboard back		NL - 26
Y min.	40 mm	
Y min.	99 mm with TIP-ON BLUMOTION	
Y max.	225 mm	

Position of drawer base drill hole

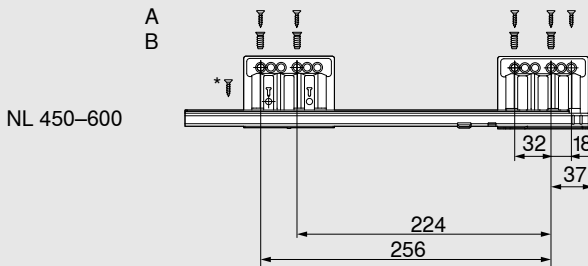
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 450	256

Centre piece		C (mm)
Height		67

KB	Cabinet width
LW	Internal cabinet width
NL	Nominal length
SPW	Internal width between sink drawer sides
W =	NL of outer drawer sides - NL of inner drawer sides - 10 mm

Cabinet profile screw position – 40 kg

Nominal length NL (mm)



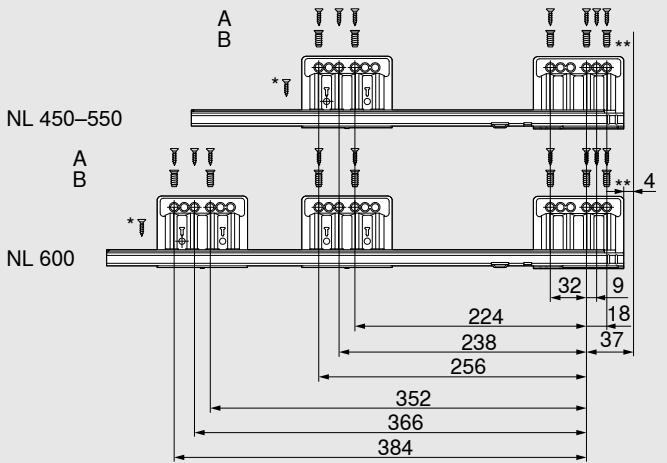
A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

Cabinet profile screw position – 70 kg

Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm

* For greater lateral stability
Chipboard screw Ø 4 x 15 mm

** For greater vertical stability
Can be replaced with chipboard screw Ø 4 x 15 mm

Internal cabinet depth LT min. = NL + 3 mm

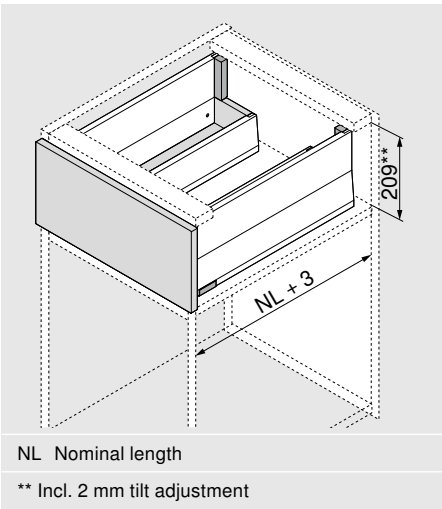
Product



Description

- With centre piece for optimal use of storage space
- Can be implemented with standard components
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION and side stabiliser
- Can be combined with SERVO-DRIVE

Space requirement

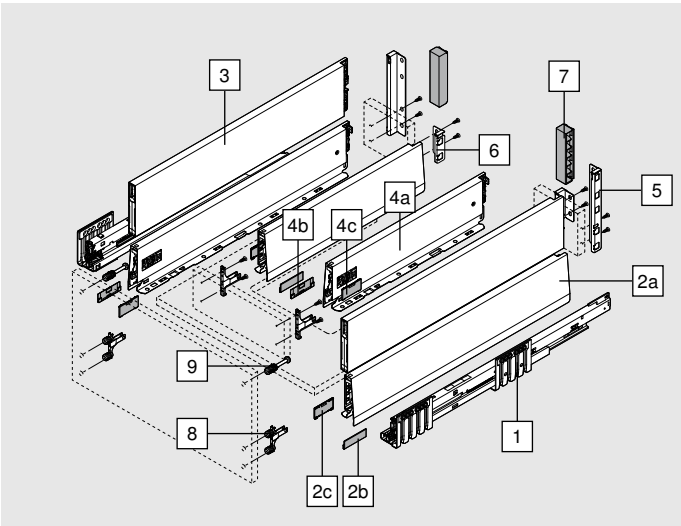


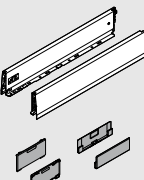
Ordering information

Application recommendation		
The outer sink drawer sides can be combined with all height E options. Please see the relevant page for planning information and the components to be ordered.		
High fronted pull-out modular with gallery		28
High fronted pull-out modular with BOXCOVER		32
High fronted pull-out modular with BOXCAP		36

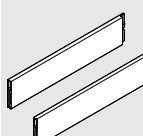
1	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	450	450.4501B	453.4501B
	500	450.5001B	453.5001B
	550	450.5501B	453.5501B
	600	450.6001B	453.6001B

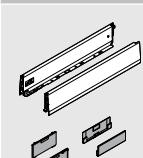
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION



	Outer drawer side set					
	Height of drawer side (mm)		M	91		
	Nominal length NL (mm)			SW-M	IG-M	OG-M
	450			470M4502S		
	500			470M5002S		
	550			470M5502S		
	600			470M6002S		
Consisting of:						
2a	1 x	Drawer side left/right				
2b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs				
2c	2 x	Cover caps				

Ordering information

3	BOXCAP left/right				
	Material		Steel		
	Nominal length NL (mm)		SW-M	IG-M	OG-M
	450		ZL4.450S.E		
	500		ZL4.500S.E		
	550		ZL4.550S.E		
	600		ZL4.600S.E		

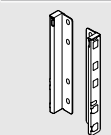
4	Inner drawer side set				
	Height of drawer side (mm)		M	91	
	Nominal length NL (mm)		SW-M	IG-M	OG-M
	350		470M3502S		
	400		470M4002S		
	450		470M4502S		

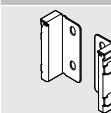
Consisting of:

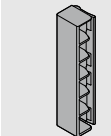
4a	1 x	Drawer side left/right			
4b	2 x	Branding element, stamped with Blum logo, custom printed from 1000 pcs			
4c	2 x	Cover caps			

For effective use of storage space, we recommend:

NL of outer drawer sides - NL of inner drawer sides = min. 150 mm

5	External chipboard back fixing left/right				
	Height		Material		
	E		Steel		ZB4E000S

6	Internal chipboard back fixing left/right				
	Height		Material		
	M		Steel		ZB4M000S

7					
	Version		Material		
	Symmetrical		Nylon		2 x ZB4M00AK

Ordering information

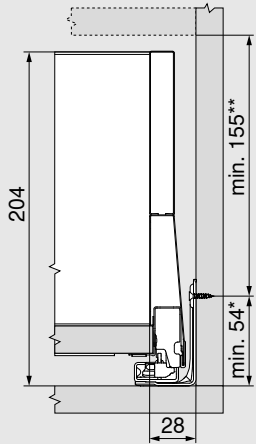
	8 Front fixing bracket		
	Fixing method		
	EXPANDO T	4 x	ZF4.10T2
	INSERTA*	2 x	ZF4.10I2
	Screw-on**	4 x	ZF4.1002
* Centre piece cannot be used with INSERTA!			
** Screws not included in scope of delivery			
EXPANDO T suitable for thin fronts – see page 61			
	9 Front fixing bracket, top		
	Fixing method		
	EXPANDO T	2 x	ZF4.50T2
	INSERTA	2 x	ZF4.50I2
	Screw-on – pre-assembled chipboard screw Ø 3.8 x 11.4 mm	2 x	ZF4.5002
EXPANDO T suitable for thin fronts – see page 61			

Accessories

Fixing screw (flat head screw)			
	Ø (mm)	Length (mm)	Maximum screw head height: 2 mm
	3.5	15	For the connection of chipboard back fixings with chipboard back and drawer sides with drawer base
			61R.1500
In order to achieve optimal assembly, we recommend that you use flat head screws for the chipboard back and drawer side			

Planning

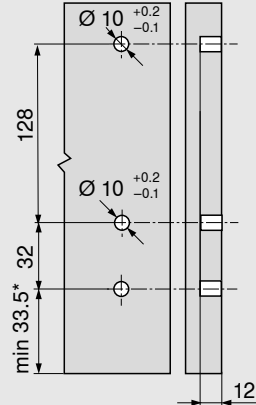
Space requirements in the cabinet



* + 1 mm if cabinet profile is installed before cabinet is assembled

** Incl. 2 mm tilt adjustment

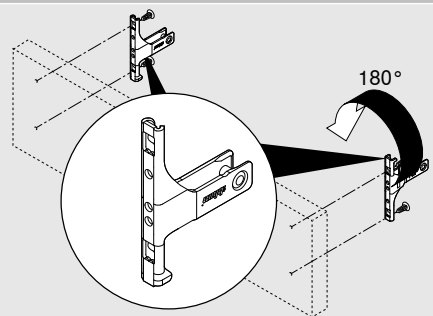
Front drilling distances for INSERTA/EXPANDO T



* + 1 mm if cabinet profile is installed before cabinet is assembled

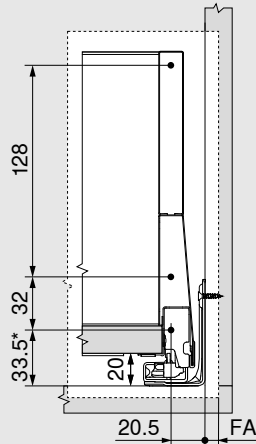
** min. 6 mm for EXPANDO T

Rotation of front fixing bracket for centre piece



Cannot be used with INSERTA!

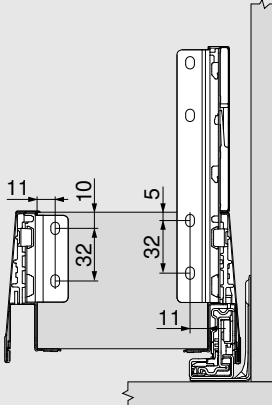
Front installation dimensions for screw-on assembly



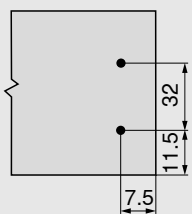
* + 1 mm if cabinet profile is installed before cabinet is assembled

FA Front overlay

Back installation dimensions

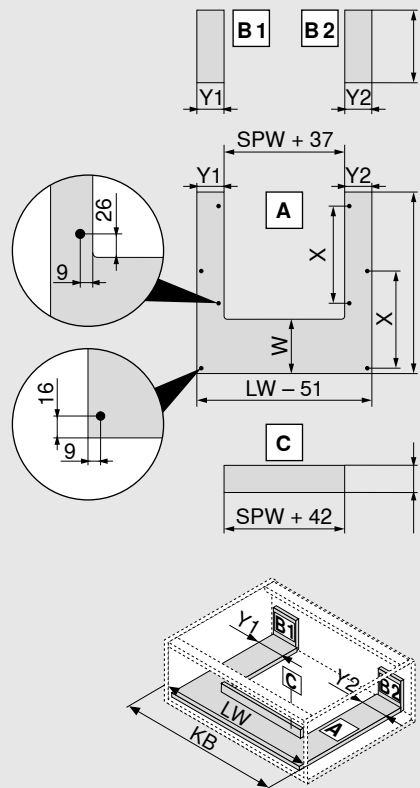


Centre piece drilling distances



Planning

Cutting dimensions for 16 mm chipboard

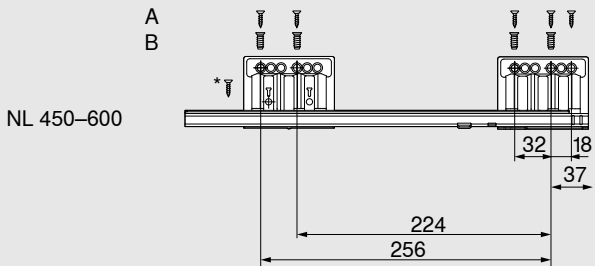


Chipboard back		B (mm)
Height		83
Base length		A (mm)
Chipboard back		NL - 26
Y min.	40 mm	
Y min.	99 mm with TIP-ON BLUMOTION	
Y max.	225 mm	
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 450	256
Centre piece		C (mm)
Height		67
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		
SPW Internal width between sink drawer sides		
W = NL of outer drawer sides - NL of inner drawer sides - 10 mm		

Planning

Cabinet profile screw position – 40 kg

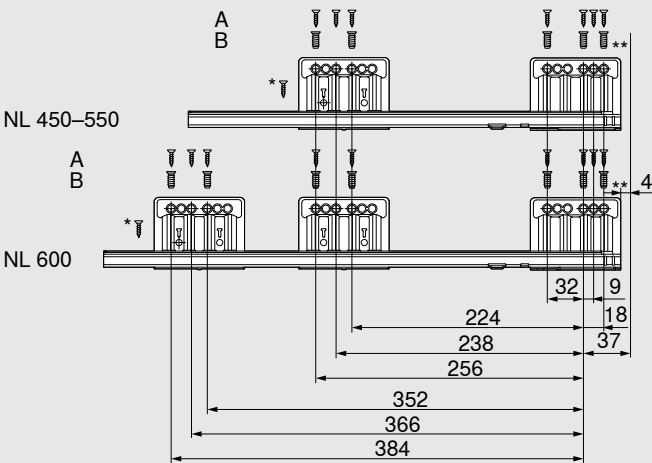
Nominal length NL (mm)



A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

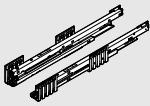
Cabinet profile screw position – 70 kg

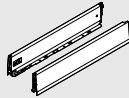
Nominal length NL (mm)

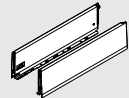


A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Ordering information

	Cabinet profile left/right		
	Nominal length NL (mm)	BLUMOTION*	
		40 kg	70 kg
	450	450.4501B	
	500	450.5001B	453.5001B
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION			

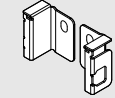
	Drawer side set			
	Height of drawer side (mm)	M	91	
	Nominal length NL (mm)	SW-M		
	450	470M4502S		
	500	470M5002S		
				470M5502S

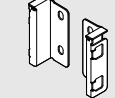
	Drawer side set			
	Height of drawer side (mm)	K	129	
	Nominal length NL (mm)	SW-M		
	450	470K4502S		
	500	470K5002S		
				470K5502S

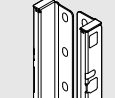
	External branding element		
	Require 2 per drawer		SW-M
			ABD.1000.BT

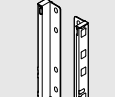
	Internal branding element		
	Require 2 per drawer		SW-M
			ZA4.5400.BT

Ordering information

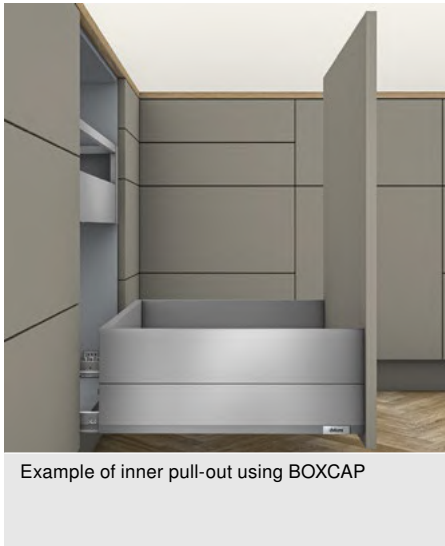
	Chipboard back fixings left/right		
	Height	Material	SW-M
	N	Steel	ZB4N000S

	Chipboard back fixings left/right		
	Height	Material	SW-M
	M	Steel	ZB4M000S

	Chipboard back fixings left/right		
	Height	Material	SW-M
	K	Steel	ZB4K000S

	Chipboard back fixings left/right		
	Height	Material	SW-M
	E	Steel	ZB4E000S

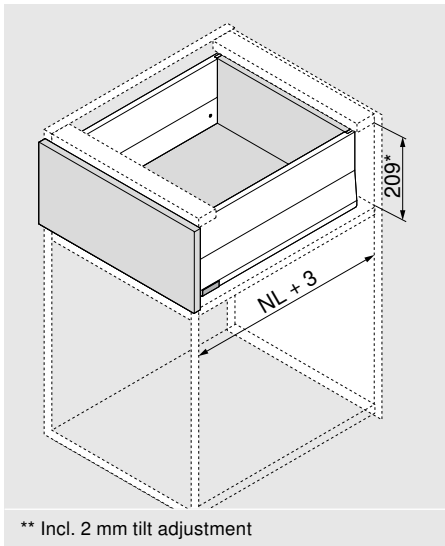
Product



Description

- Cabinet profile with forward-set hook for waste bin applications
- BLUMOTION cabinet profile for all applications with interface for TIP-ON BLUMOTION
- Can be combined with SERVO-DRIVE
- Can be combined with all high fronted pull-out options in height E

Space requirement

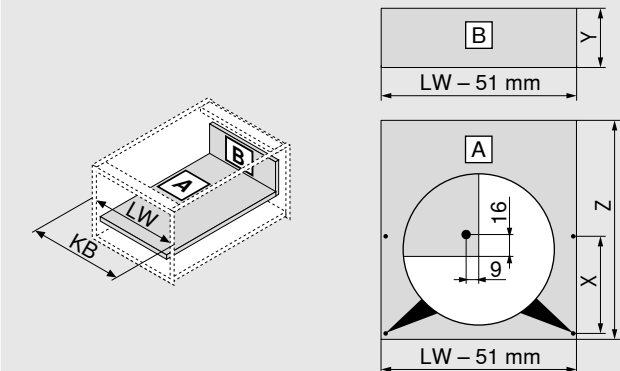


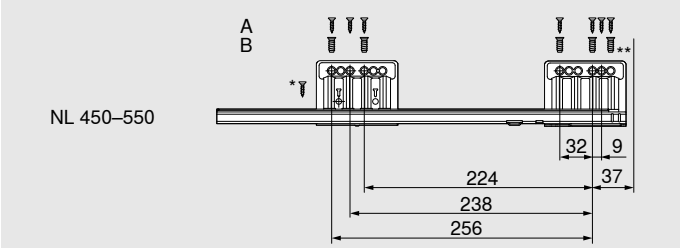
Ordering information

Application recommendation	
The cabinet profile with over extension for waste bin applications can be combined with any high fronted pull-out option in height E. Please see the relevant page for the components to be ordered. All components apart from the cabinet profile are needed.	
High fronted pull-out modular with gallery	28
High fronted pull-out modular with BOXCOVER	32
High fronted pull-out modular with BOXCAP	36

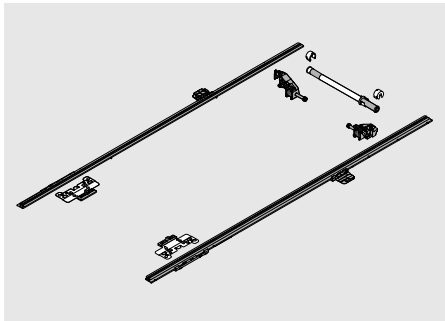
1	Cabinet profile left/right	
	Nominal length NL (mm)	BLUMOTION* 70 kg
	450 ¹	453.4501BZ
	500 ²	453.5001BZ
	550 ³	453.5501BZ
¹ Can be combined with NL 400 mm drawer side.		
² Can be combined with NL 450 mm drawer side.		
³ Can be combined with NL 500 mm drawer side.		
* Suitable for SERVO-DRIVE and TIP-ON BLUMOTION		

Planning

Cutting dimensions for 16 mm chipboard		
	Chipboard back	Y (mm)
	Height	184
	Base length	Z (mm)
	Chipboard back	NL - 26
Position of drawer base drill hole		
Pre-drilling possible when using a flat head screw	NL (mm)	X (mm)
	> 450	256
KB Cabinet width		
LW Internal cabinet width		
NL Nominal length		

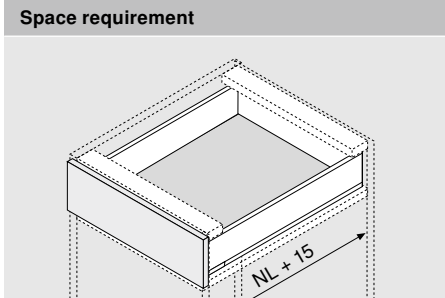
Cabinet profile screw position – 70 kg	
Nominal length NL (mm)	
	
A	Chipboard screw Ø 4 x 15 mm
B	System screws Ø 6 x 14.5 mm
*	For greater lateral stability Chipboard screw Ø 4 x 15 mm
**	For greater vertical stability Can be replaced with chipboard screw Ø 4 x 15 mm
Internal cabinet depth LT min. = NL + 3 mm	

Side stabiliser



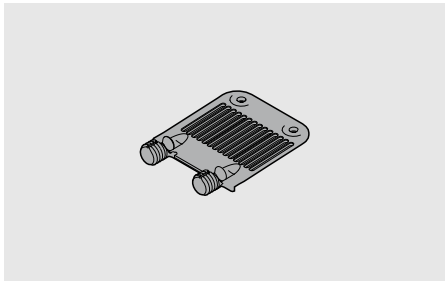
Description

- Additional stabilisation for extra wide pull-outs
- Recommendation: Cabinet width KB 900 up to 1400 mm
- Aluminium rod suitable for cabinet width KB 1400 mm, for cutting to size
- Suitable for use in combination with BLUMOTION, SERVO-DRIVE and TIP-ON BLUMOTION
- No additional space requirement at the bottom



Ordering information		
Nominal length NL (mm)		
270–400		ZS4.400MU
450–600		ZS4.650MU
Shaft cutting		
Internal cabinet width LW - 231 mm		
Gear rack cutting		
Nominal length NL + 10 mm		

Front/base stabiliser

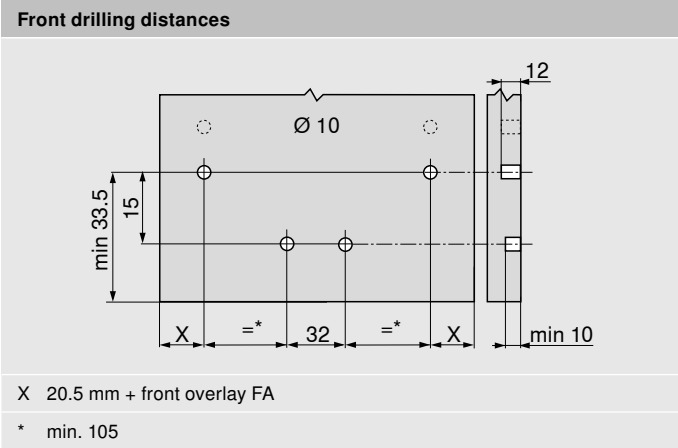
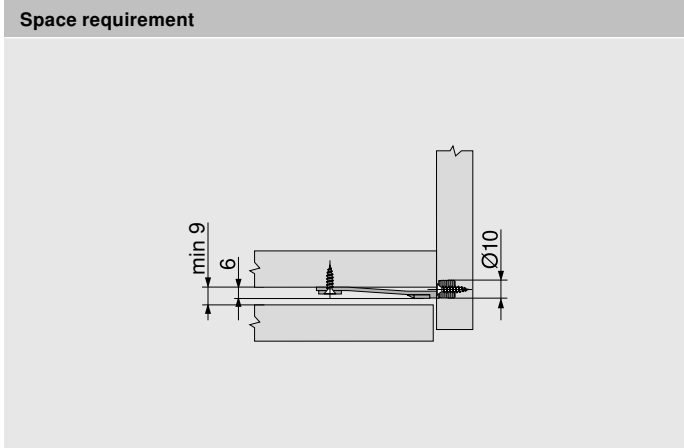


Description

- For supporting wide drawer bases

Ordering information

Front/base stabiliser	
Colour	Material
RAL 7037 dust grey	Nylon
	Z96.10E1
Recommendation:	
Cabinet width KB > 600 mm: 1 pc	



TORX screwdriver



Description

- TORX size 20 (T20)
- Blade length 35/100 mm
- Total length 100/210 mm
- Orange handle with Blum logo
- To make adjustments

Ordering information

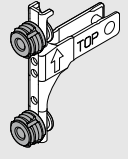
TORX screwdriver		
Total length (mm)	Blade length (mm)	
100	35	623.882.2
210	100	209.093.7

Product

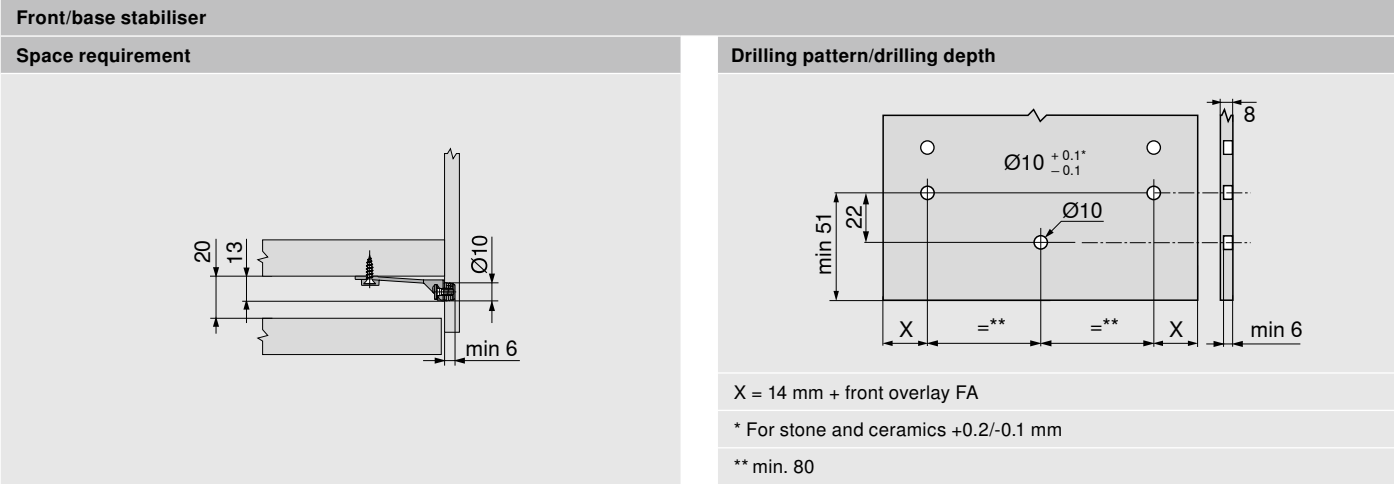


- EXPANDO T – pre-assembled fixing system
- Thin fronts of 8 mm or more
- Different front materials
- 3 different applications – lift systems | hinge systems | box systems

Ordering information

Front fixing bracket		
	Front fixing bracket	ZF4.10T2
	Front fixing bracket, top	ZF4.50T2

Front/base stabiliser			
	Colour	Material	
	RAL 7037 dust grey	Nylon	Z96.00T1
Recommendation:			
Cabinet width KB > 600 mm: 1 piece			
Cabinet width KB > 900 mm: 2 piece			
Front height FH > 380 mm: 1 piece			



EXPANDO T			
Area of application and assembly recommendation			
EXPANDO T is suitable for fixing Blum fittings to thin cabinet fronts of all types of materials in cabinet construction. Materials can be just 8 mm thick or more, provided they are sufficiently stable and strong.	Materials tested by Blum		Transverse tensile strength (N/mm²)
			Nm
	Chipboard		> 0.40
	MDF		> 0.60
	HDF		
	HPL		
	Mineral composites		
	Granite stone – Nero Assoluto		
	Artificial stone – quartz composite		
	Ceramic panels		
	Nm Minimum tightening torque		

Liability disclaimer

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

BOXFIX plus



- Pneumatic assembly device for the efficient assembly of drawers and high fronted pull-outs
- Assembly type: Screws (or nails)
- Nominal length: 270–650 mm
- Cabinet width: 275–1200 mm
- Can be used for chipboard back and steel back

Ordering information	
BOXFIX plus	
	ZMM.2500

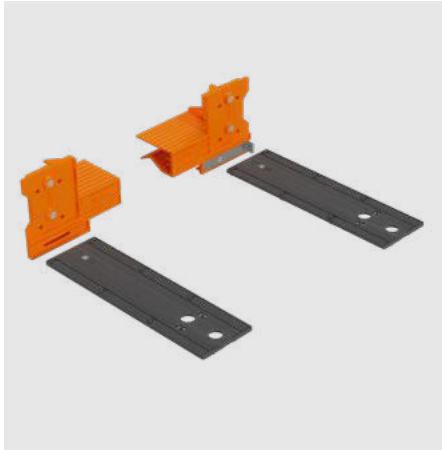
BOXFIX E-M



- Convenient device for fast assembly of MERIVOBX
- All MERIVOBX components are assembled seamlessly with great precision
- For all drawer side materials
- Assembly type: Screws
- Nominal length: 270–650 mm
- Cabinet width: 250–1200 mm
- Material: Nylon/steel

Ordering information	
BOXFIX E-M	
	ZMM.0400

Marking template for MERIVOBX



- Template for marking the fixing positions of front fixings
- Material: Nylon/steel

Ordering information	
Marking template for MERIVOBX	
	ZML.4010

MINIPRESS top



- Automatically calculates the exact drilling positions (combined with EASYSTICK)
- Ruler moves automatically (x-axis) for workpiece dimensions up to 2681 mm
- Vertical drilling unit (y-axis) moves automatically up to 350 mm
- Tool-free drill head clamping technology
- Optional horizontal drilling
- Quick change of drilling heads already equipped with drill bits

Ordering information	
MINIPRESS top with EASYSTICK	
	M70E2000

MINIPRESS P



- Makes it easy to drill fixing holes for MERIVOBX front fixing brackets, cabinet profiles, drawer bases and chipboard back fixings.

Ordering information	
MINIPRESS P	
	M53.1050*A2

EASYSTICK

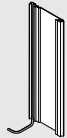
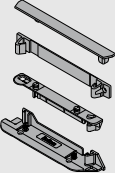
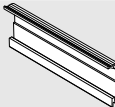
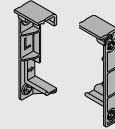
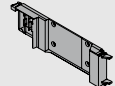
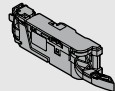


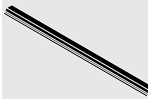
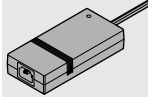
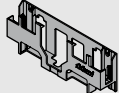
- EASYSTICK – the new, automatic and easy to set up ruler system for drilling and insertion machines from Blum
- Tool-free adjustment and digital determination of the fixing positions for MERIVOBX front fixing bracket and cabinet profiles
- Transfer of planned data from the Cabinet Configurator via USB stick directly onto EASYSTICK
- The barcode scanner allows you to retrieve and edit imported manufacturing and drilling data

Ordering information	
EASYSTICK	
Ruler	MZD.2000
Computer	MZD.5000

Components

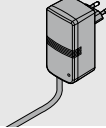
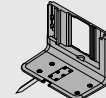
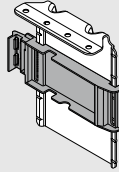
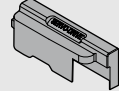
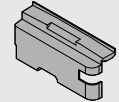
Overview

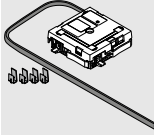
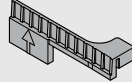
Blum distance bumper	
	The Blum distance bumper ensures the required trigger path of 2 mm.
Bracket profile	
	The drive units are attached to the bracket profile.
Bracket profile attachment and bracket profile cover cap	
	These components are used to attach the bracket profile to a horizontal and/or vertical 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.
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).

SERVO-DRIVE distribution cable for cutting to size	
	This cable is used to supply the power required by the cabinet units and/or drive units. The max. permitted operating voltage is 24 V. Colour black. 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 inserted onto the "open" ends of the cable.
24-watt 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-volt direct current. You must use a flex with a regular plug for the respective country depending on the installation location. The SERVO-DRIVE power supply unit can supply power to several drive units, with usually one power supply unit being required for the entire kitchen.
Flex	
	This cable supplies power to the 24-watt SERVO-DRIVE power supply unit. Country-specific plugs are available.
Power supply unit housing	
Base fixing	
	The "base fixing" power supply unit housing securely accommodates the power supply unit on the cabinet base panel.
Power supply unit housing	
Panel fixing	
	Use the "panel fixing" power supply unit housing if the SERVO-DRIVE power supply unit is to be attached to the wall or a vertical panel.

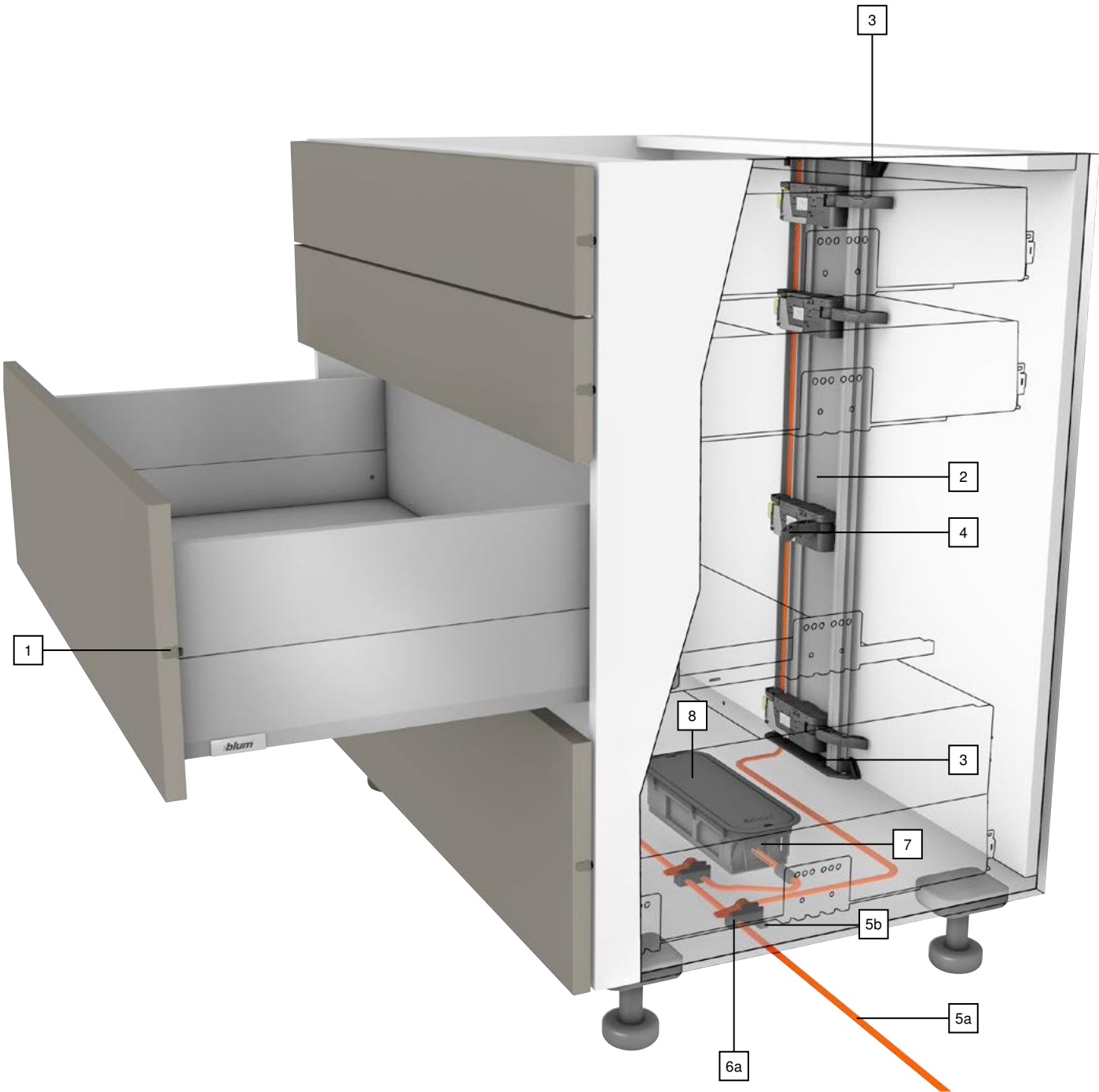
Components

Overview

12-watt SERVO-DRIVE plug-in power supply unit	
	The SERVO-DRIVE plug-in power supply unit supplies power to a single drive unit (individual applications).
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-mounted adapter for drive unit	
	The drive unit is fixed to the pre-mounted adapter on the upper attachment bracket.
Accessories	
Drip protection feature for attachment bracket 1 tier	
	The drip protection feature prevents water from penetrating the 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 drive unit. Suitable for applications with a horizontal bracket profile.

Accessories	
Cable holder	
	The cable holder allows you to route the distribution cable safely and neatly.
Front/base stabiliser	
	Stabilises wide drawer bases. Reinforces the connection between base and front.
Synchronisation cable	
	The synchronisation cable allows you to synchronise two or more interconnected drive units.
COMBOX	
	Prevents front collisions when using SERVO-DRIVE in corner applications. Compatible with drive units Z10A3000.02 onwards
Communication cable	
	Connects drive units that need to open simultaneously.
Assembly device	
	No pre-drilling, self-adhesive For positioning the SERVO-DRIVE uno unit.
Transport protection	
	Serves to protect the SERVO-DRIVE uno set during transportation. Remove before use.

Standard cabinet with horizontal and vertical cross members



Standard cabinet with horizontal and vertical cross members

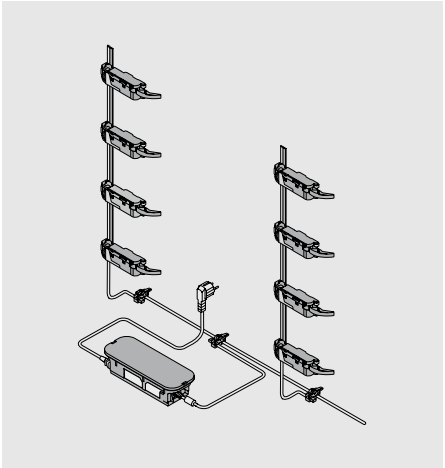
Product



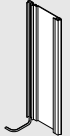
Description

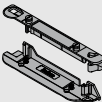
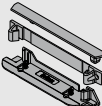
- Electrical opening support system in combination with BLUMOTION for soft and effortless closing
- With vertical bracket profile
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Tool-free assembly
- Simple cabling
- Shallow installation depth

Cabling



Ordering information

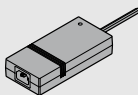
1	Blum distance bumper		
	Ø (mm)		
	5		993.0530
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For 70 kg MERIVOBX cabinet profile, use 4 pcs			
2	Bracket profile		
	Length (mm)	Cable	
	670	•	Z10T670AA
	750	•	Z10T750AA
	1170	—	Z10T1170A
Aluminium for cutting to size			
Cutting	Internal cabinet height LH - 10 mm		
•	With cable		
—	Without cable		

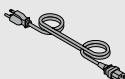
3	Bracket profile attachment top/bottom		
	Horizontal cross member		
	Colour	Material	
	R7037	Nylon	Z10D01E0.01
Alternative			
-	Bracket profile attachment bottom/back		
	Vertical cross member		
	Colour	Material	
	R7037	Nylon	Z10D01EA.01
Incl. bracket profile cover cap			
4	Drive unit		
	Colour	Material	
	R7037	Nylon	Z10A3000.03
	Includes pre-assembled lever extension		
5	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	S	8	Z10K800AE
	Consisting of:		
5a	1 x	SERVO-DRIVE distribution cable	
5b	5 x	Cable end protector	
Can be used as a distribution, bracket profile and communications cable			
For cutting to size			
Colour			
R7037	RAL 7037 dust grey		
S	Black		

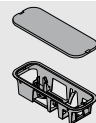
Standard cabinet with horizontal and vertical cross members

Ordering information

6		Connecting node and cable end protector		
	Colour	Material	Z10V100E.01	
	S	Nylon		
Consisting of:				
6a	1 x	Connecting node		
5b	2 x	Cable end protector		

7		24-watt SERVO-DRIVE power supply unit	
			D
		Z10NE030D	
		Includes operating and installation instructions	
		Without flex	
Language package			
D		EN, ES, FR, IT, PT	
Language descriptions as per ISO-639			

-	Flex		
		Market	
		AU	Z10M200K
Length 2 m, incl. plug			

8		Power supply unit housing		
		Base mounting		
		Colour	Material	
		R7037	Nylon	Z10NG000
Includes cover				
For 24-watt SERVO-DRIVE power supply unit				

Alternative

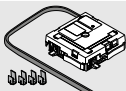
-		Power supply unit housing		
		Panel fixing		
		Colour	Material	
		WGR	Nylon	Z10NG120
For 24-watt SERVO-DRIVE power supply unit				

Accessories

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

-				Front/base stabiliser			
		Colour	Material				
		R7037	Nylon	Z96.10E1			

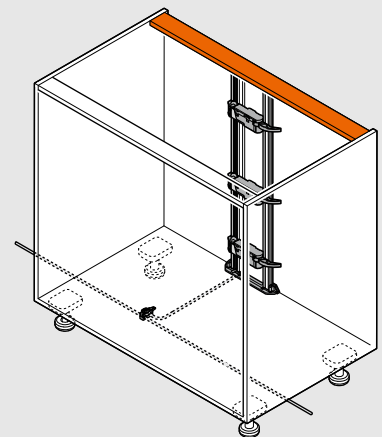
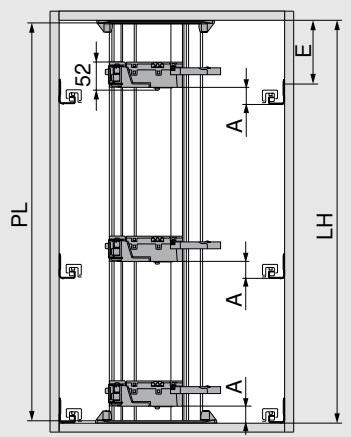
-		Synchronisation cable	
	Length (mm)		
	80		Z10K008S
	1200		Z10K120S
Connects two drive units that need to open simultaneously			

-	COMBOX set		
	Colour	Material	
	S	Nylon	Z10ZC00A
Prevents front collisions when using SERVO-DRIVE in corner applications			
Compatible with drive units Z10A3000.02 onwards			
Can be used in combination with Z10K300A			
Includes all assembly and cabling components			

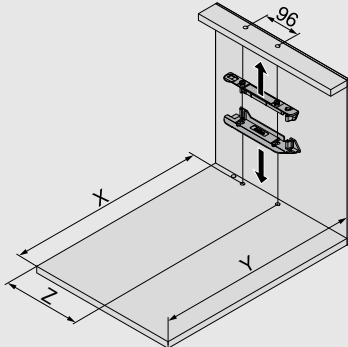
Colour	
R7037	RAL 7037 dust grey
S	Black
W	White
WGR	White grey

Standard cabinet – horizontal cross member

Planning

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 Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile	

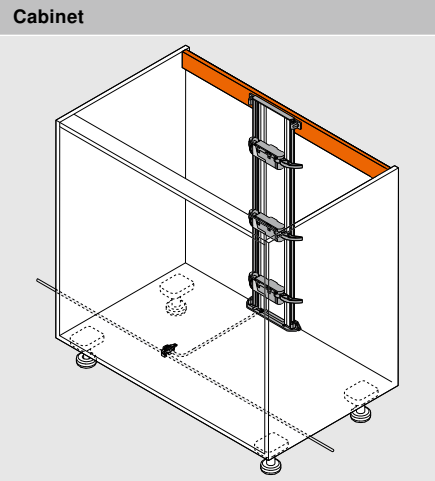
Drive unit position								
Back height	Internal cabinet width LW (mm)							
	242–266		267–286		287–316		≥ 317	
	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
N	–	–	28	32	28	32	28	32
M K E	–	–	45	54	45	54	45	54
A Distance between bottom edge of cabinet profile and bottom edge of drive unit								
E Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile								
– Not possible								

Drilling distances		
Cabinet base Cross member		
	X (mm)	NL + 19
	Y (mm)	NL + 33
	NL Nominal length	
	X Drilling position	
	Y Min. space requirement	
	Z Indent distance	
	This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:	

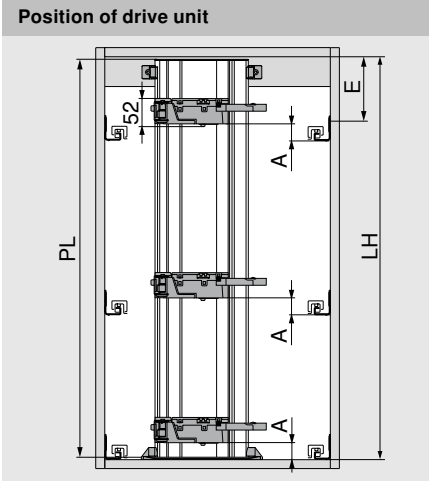
Back height	Internal cabinet width LW (mm)									
	242–266		267–286		287–316		317–386		≥ 387	
	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
N	–	–	174		174		174		LW/2	
M K E	–	–	174		174		174		LW/2	
H. Lever extension				LW Internal cabinet width						
Z Indent distance				– Not possible						
Required				Remove						

Standard cabinet – vertical cross member

Planning



Position of drive unit



PL = LH - 10 mm

Round down to the nearest tenth

LH Internal cabinet height

PL Bracket profile length

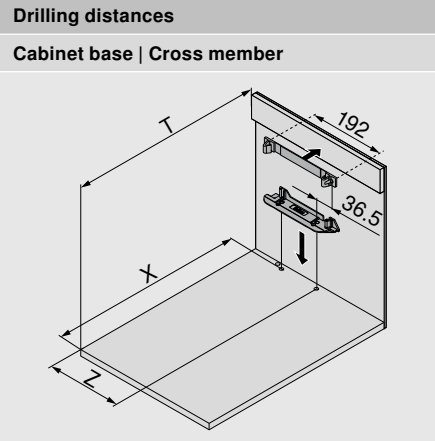
A Distance between bottom edge of cabinet profile and bottom edge of drive unit

E Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Drive unit position		Internal cabinet width LW (mm)							
		242–266		267–286		287–316		≥ 317	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
Back height									
N		–	–	28	32	28	32	28	32
M K E		–	–	45	54	45	54	45	54
A		Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E		Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile							
–		Not possible							

Drilling distances

Cabinet base | Cross member



X (mm)	NL + 19
T (mm)	NL + 34

NL Nominal length

T Position front edge – cross member

X Drilling position

Z Indent distance

This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:

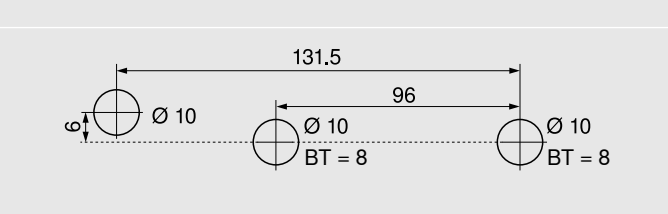
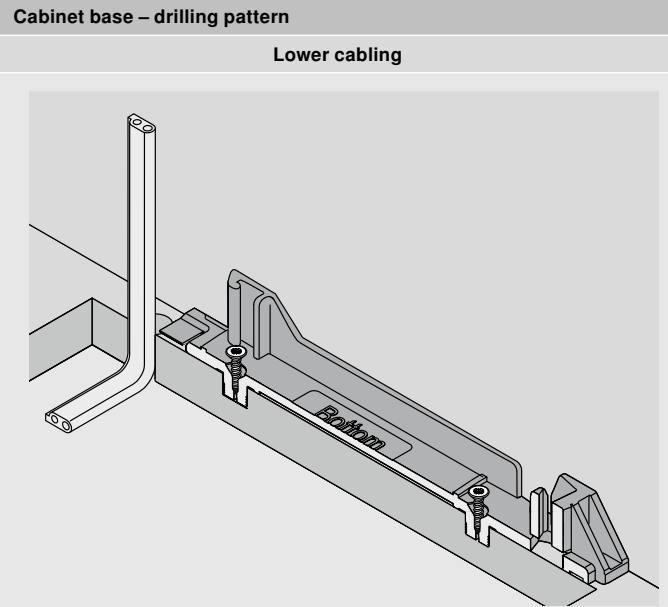
Back height		Internal cabinet width LW (mm)									
		242–266		267–286		287–316		317–386		≥ 387	
		Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
N		–	–	174		174		174		LW/2	
M K E		–	–	174		174		174		LW/2	
H. Lever extension					LW Internal cabinet width						
Z Indent distance					– Not possible						
Required					Remove						

Standard cabinet – horizontal/vertical cross member

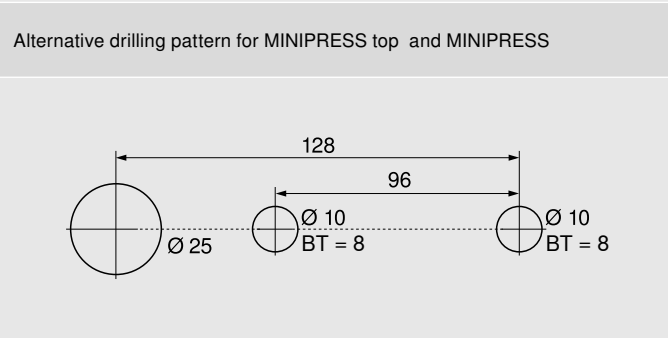
Planning

Cabinet base – drilling pattern

Lower cabling

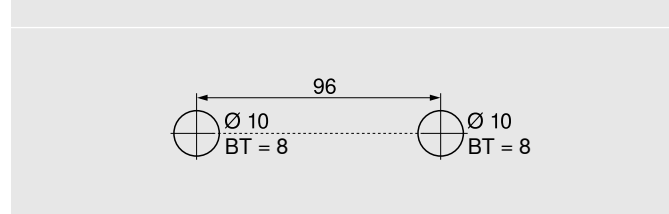
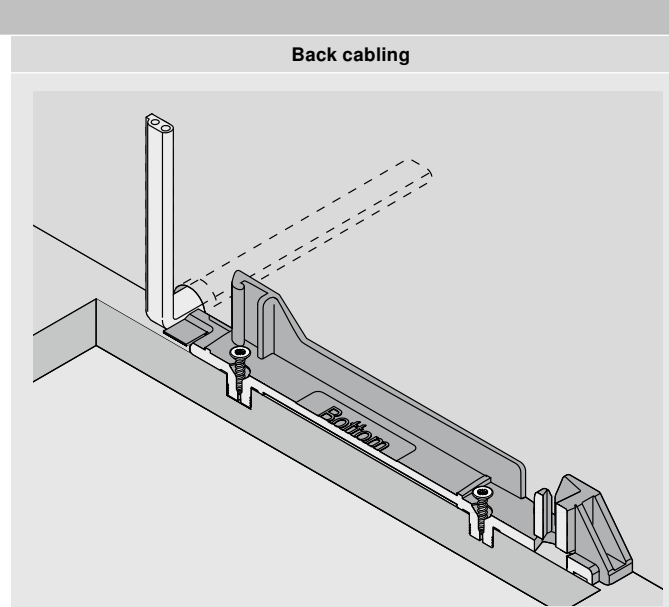


Alternative drilling pattern for MINIPRESS top and MINIPRESS



BT Drilling depth

Back cabling

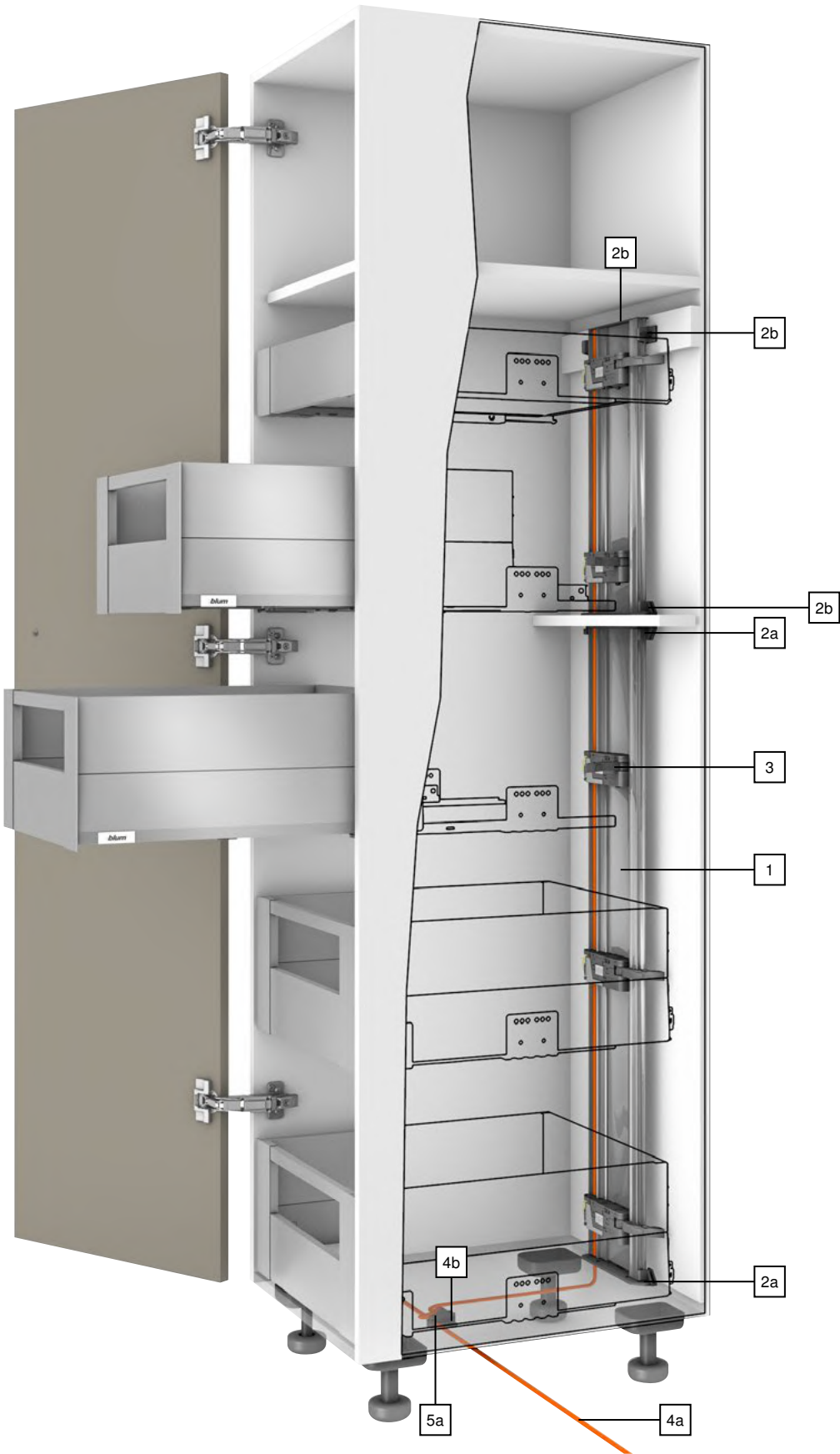


Front assembly

Blum distance bumper

See page

SPACE TOWER



SPACE TOWER

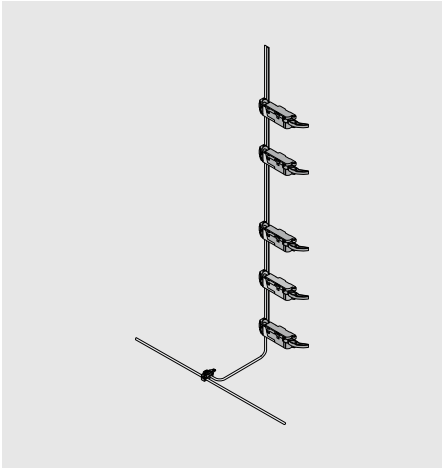
Product



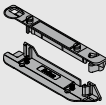
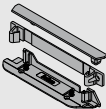
Description

- Electrical opening 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 assembly
- Simple cabling
- Shallow installation depth
- SERVO-DRIVE for MERIVOBX is only triggered by pulling for inset application pull-outs

Cabling



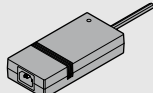
Ordering information

1	Bracket profile		
	Length (mm)	Cable	
	670	•	Z10T670AA
	750	•	Z10T750AA
	1170	—	Z10T1170A
Aluminium for cutting to size			
Cutting		Internal cabinet height LH - 10 mm	
•	With cable		
—	Without cable		
2a	Bracket profile attachment top/bottom		
	Horizontal cross member		
	Colour	Material	
	R7037	Nylon	Z10D01E0.01
Alternative 2a			
2b	Bracket profile attachment bottom/back		
	Vertical cross member		
	Colour	Material	
	R7037	Nylon	Z10D01EA.01
Incl. bracket profile cover cap			
3	Drive unit		
	Colour	Material	
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			

4	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	S	8	Z10K800AE
Consisting of:			
4a	1 x	SERVO-DRIVE distribution cable	
4b	5 x	Cable end protector	
Can be used as a distribution, bracket profile and communications cable			
For cutting to size			
5	Connecting node and cable end protector		
	Colour	Material	
	S	Nylon	Z10V100E.01
Consisting of:			
5a	1 x	Connecting node	
4b	2 x	Cable end protector	
Colour			
R7037	RAL 7037 dust grey		
S	Black		

SPACE TOWER

Ordering information

-		24-watt SERVO-DRIVE power supply unit	
		D	Z10NE030D
Includes operating and installation instructions			
Without flex			
Language package			
D	EN, ES, FR, IT, PT		
Language descriptions as per ISO-639			

-	Flex		
		Market	
		AU	Z10M200K
Length 2 m, incl. plug			

-	Power supply unit housing		
	Base mounting		
	Colour	Material	
	R7037	Nylon	Z10NG000
Includes cover			
For 24-watt SERVO-DRIVE power supply unit			

Alternative

-	Power supply unit housing		
	Panel fixing		
	Colour	Material	
	WGR	Nylon	Z10NG120
For 24-watt SERVO-DRIVE power supply unit			

Accessories

-	Cable holder		
	Colour	Material	
	W	Nylon	Z10K0009

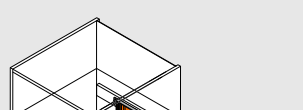
E.g. for fixing the SERVO-DRIVE distribution cable

Colour	
R7037	RAL 7037 dust grey
W	White
WGR	White grey

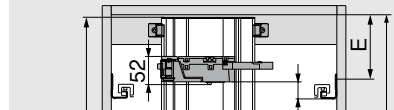
SPACE TOWER – top bracket profile

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 Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile	

Drive unit position								
Back height	Internal cabinet width LW (mm)							
	242–266		267–286		287–316		≥ 317	
	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
N	–	–	28	32	28	32	28	32
M K E	–	–	45	54	45	54	45	54
A	Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E	Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile							
–	Not possible							

Drilling distances

Cabinet base | Cross member

X (mm)	NL + 19
T (mm)	NL + 34

NL Nominal length
 T Position front edge – cross member
 X Drilling position
 Z Indent distance

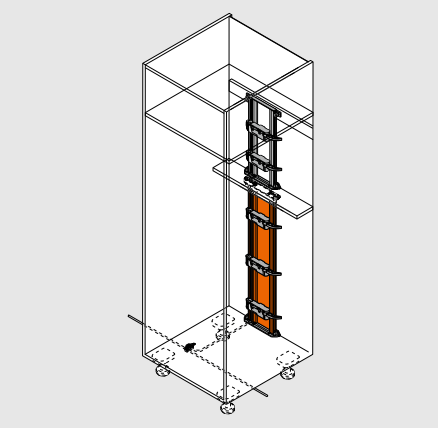
This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:

Back height	Internal cabinet width LW (mm)									
	242–266		267–286		287–316		317–386		≥ 387	
	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
N	–	–	174		174		174		LW/2	
M K E	–	–	174		174		174		LW/2	
H. Lever extension				LW Internal cabinet width						
Z Indent distance				– Not possible						
Required				Remove						

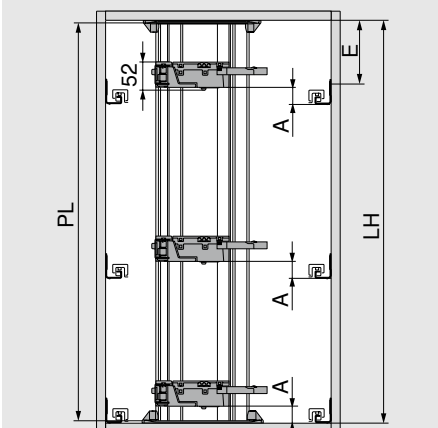
SPACE TOWER – bottom bracket profile

Planning

Cabinet



Position of drive unit



PL = LH - 10 mm

Round down to the nearest tenth

LH Internal cabinet height

PL Bracket profile length

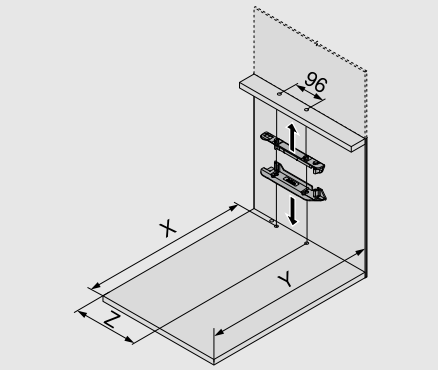
A Distance between bottom edge of cabinet profile and bottom edge of drive unit

E Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

Drive unit position		Internal cabinet width LW (mm)							
		242–266		267–286		287–316		≥ 317	
		A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)	A (mm)	E min. (mm)
Back height									
N		–	–	28	32	28	32	28	32
M K E		–	–	45	54	45	54	45	54
A		Distance between bottom edge of cabinet profile and bottom edge of drive unit							
E		Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile							
–		Not possible							

Drilling distances

Cabinet base | Cross member



X (mm)	NL + 19
Y (mm)	NL + 33
NL	Nominal length
X	Drilling position
Y	Min. space requirement
Z	Indent distance

This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:

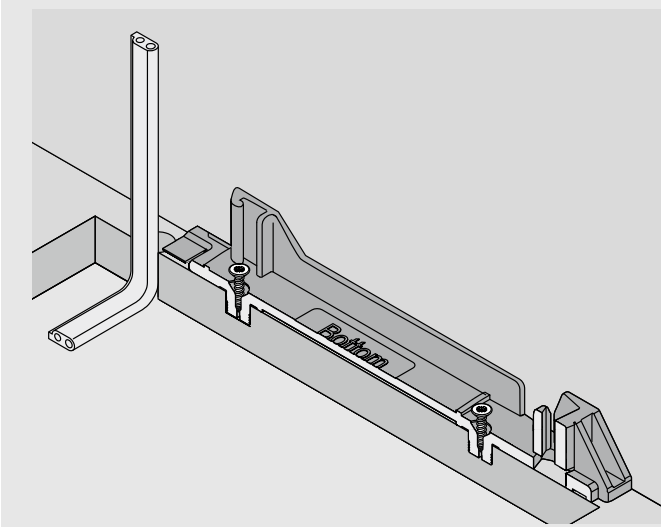
Back height		Internal cabinet width LW (mm)									
		242–266		267–286		287–316		317–386		≥ 387	
		Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
N		–	–	174		174		174		LW/2	
M K E		–	–	174		174		174		LW/2	
H. Lever extension					LW Internal cabinet width						
Z Indent distance					– Not possible						
Required					Remove						

SPACE TOWER – bottom/top bracket profile

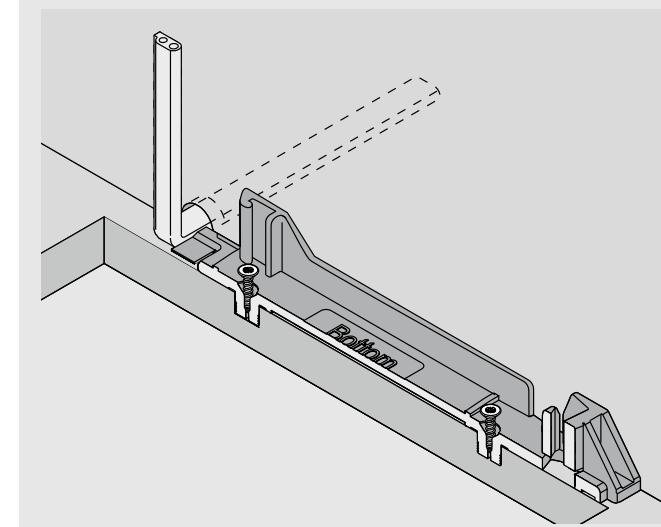
Planning

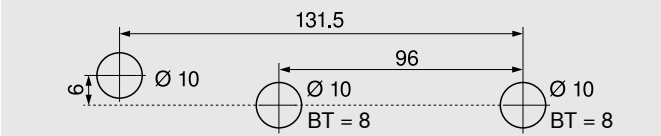
Cabinet base – drilling pattern

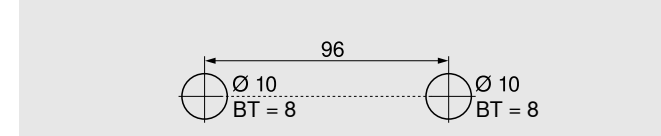
Lower cabling



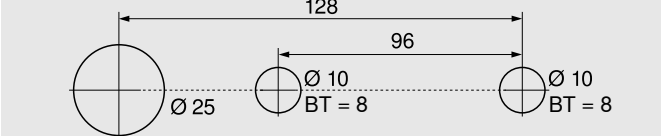
Back cabling







Alternative drilling pattern for MINIPRESS top and MINIPRESS



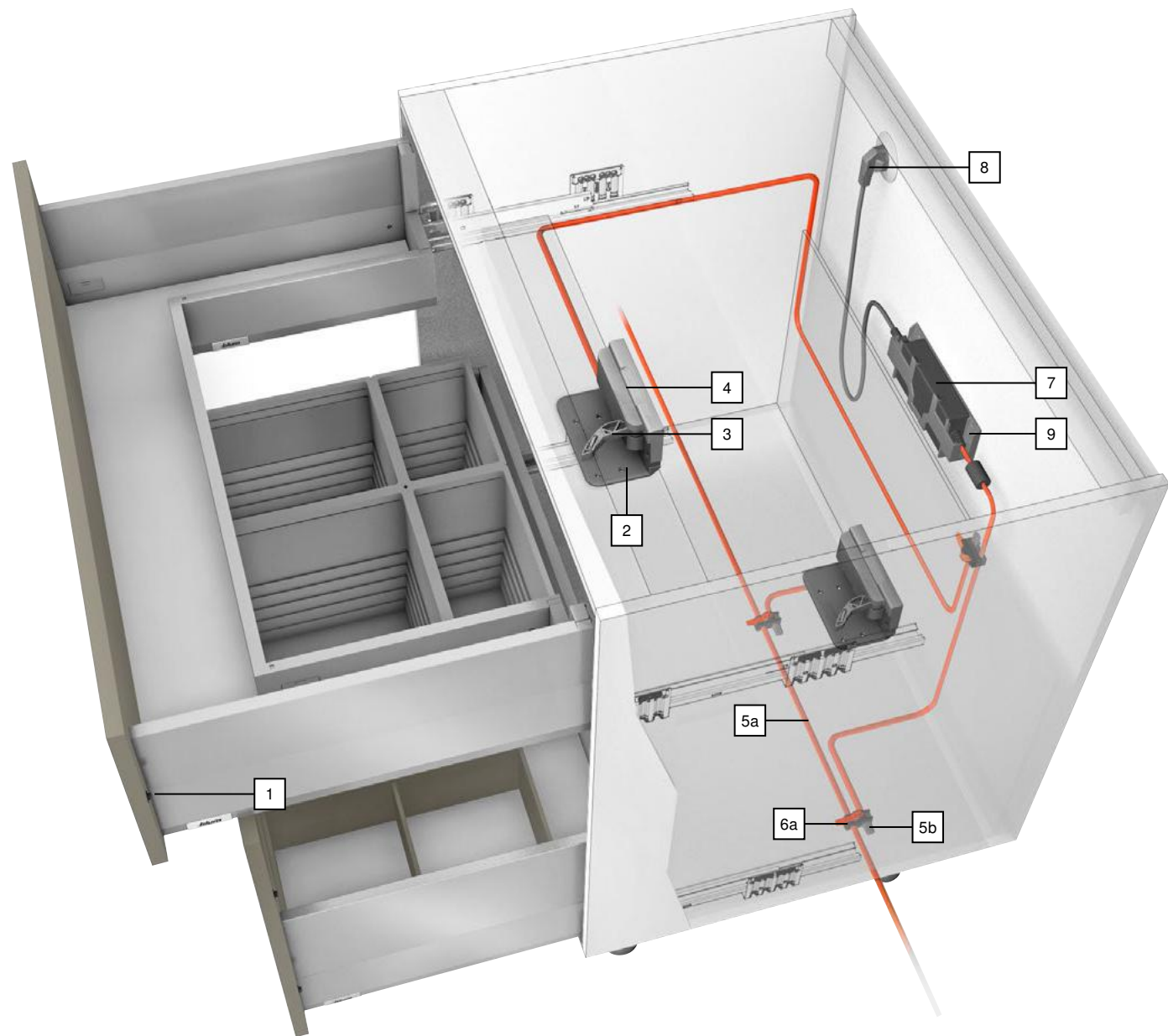
BT Drilling depth

Front assembly

Blum distance bumper

See page

Sink cabinet



Sink cabinet

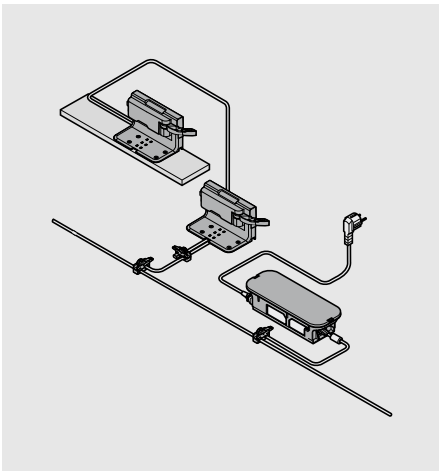
Product



Description

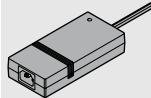
- Electrical opening support system in combination with BLUMOTION for soft and effortless closing
- With attachment bracket
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Quick assembly of pre-mounted parts

Cabling



Ordering information

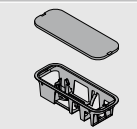
1	Blum distance bumper		
		Ø (mm)	
		5	993.0530
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For 70 kg MERIVOBX cabinet profile, use 4 pcs			
2	Attachment bracket 1 tier		
		Colour	Material
		R7037	Nylon
Z10D0311			
3	Drive unit		
		Colour	Material
		R7037	Nylon
Z10A3000.03			
Includes pre-assembled lever extension			
4	Drip protection feature		
		Colour	Material
		R7037	Nylon
Z10D0316			
5	SERVO-DRIVE distribution cable and cable end protector		
		Colour	Length (m)
		S	8
Z10K800AE			
Consisting of:			
5a	1 x	SERVO-DRIVE distribution cable	
5b	5 x	Cable end protector	
Can be used as a distribution, bracket profile and communications cable			
For cutting to size			

6		Connecting node and cable end protector	
		Colour	Material
		S	Nylon
		Z10V100E.01	
Consisting of:			
6a	1 x	Connecting node	
5b	2 x	Cable end protector	
7		24-watt SERVO-DRIVE power supply unit	
		D	Z10NE030D
Includes operating and installation instructions			
Without flex			
Language package			
D	EN, ES, FR, IT, PT		
Language descriptions as per ISO-639			
Colour			
R7037	RAL 7037 dust grey		
S	Black		

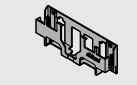
Sink cabinet

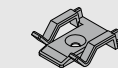
Ordering information

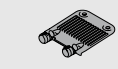
8	Flex		
		Market	
		AU	Z10M200K
Length 2 m, incl. plug			

-	Power supply unit housing		
	Base mounting		
	Colour	Material	
	R7037	Nylon	Z10NG000
Includes cover			
For 24-watt SERVO-DRIVE power supply unit			

Alternative

9	Power supply unit housing		
	Panel fixing		
	Colour	Material	
	WGR	Nylon	Z10NG120
For 24-watt SERVO-DRIVE power supply unit			

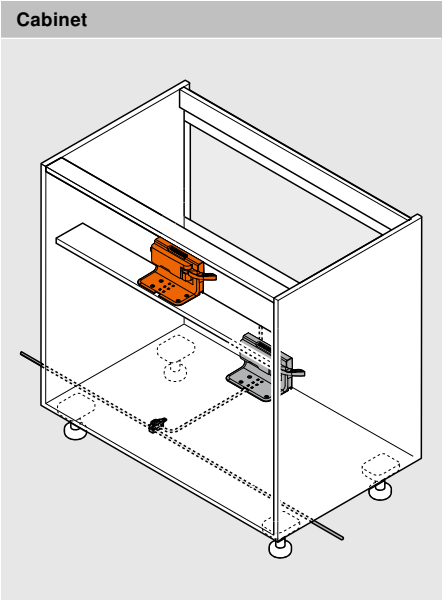
Accessories			
-	Cable holder		
	Colour	Material	
	W	Nylon	Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			

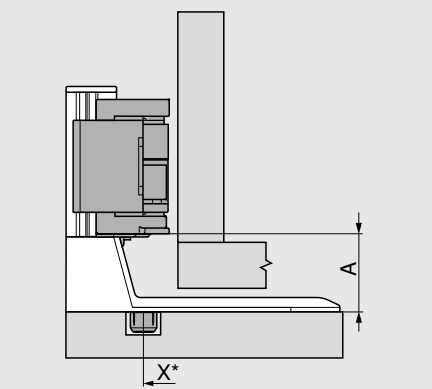
-	Front/base stabiliser		
	Colour	Material	
	R7037	Nylon	Z96.10E1

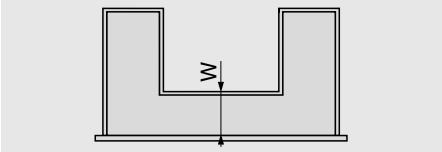
Colour	
R7037	RAL 7037 dust grey
W	White
WGR	White grey

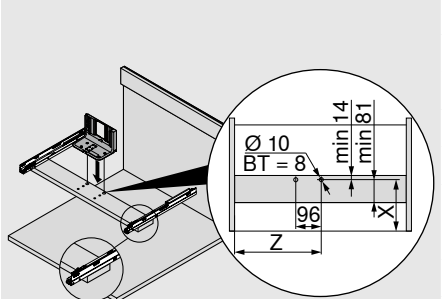
Sink cabinet – cross member – attachment bracket 1 tier

Planning



Position of drive unit		
	X	Drilling position
	A	Distance between bottom edge of attachment bracket and bottom edge of drive unit
	*	Measured from cabinet front edge
Drawer back	Back height	A (mm)
Centre piece	N	28
	M K E	45

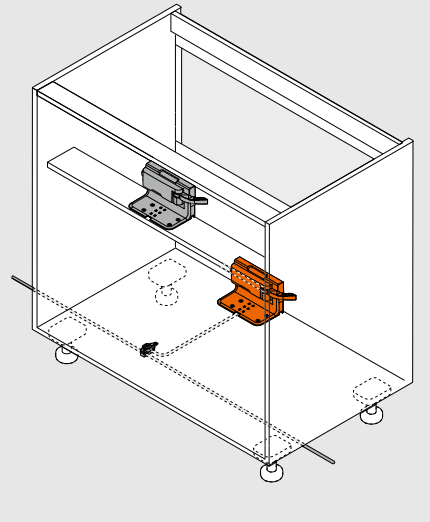
Recommendation	
	W Distance between front edge of drawer base and centre piece
	For effective use of storage space, we recommend: NL of outer drawer sides - NL of inner drawer sides = min. 150 mm

Drilling distances			
Cross member			
		Internal cabinet width LW (mm)	
		≥ 387	
		External nominal length NL (mm)	
		450–600	
Drawer back	Back height	X (mm)	Z (mm)
Centre piece	N M K E	W + 27	LW / 2
BT Drilling depth			
X Drilling position			
Z Indent distance			

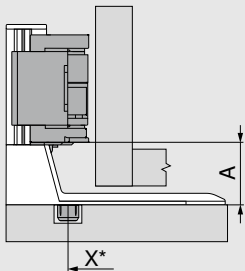
Sink cabinet – cabinet base – attachment bracket 1 tier

Planning

Cabinet



Position of drive unit



X Drilling position

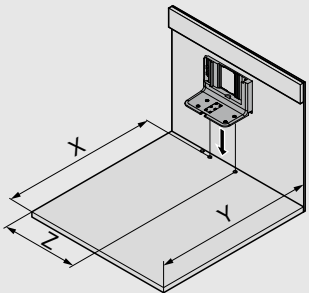
A Distance between bottom edge of attachment bracket and bottom edge of drive unit

* Measured from cabinet front edge

	LW (mm)
	≥ 387
Back height	A (mm)
N	28
M K E	45
LW Internal cabinet width	

Drilling distances

Cabinet bottom panel



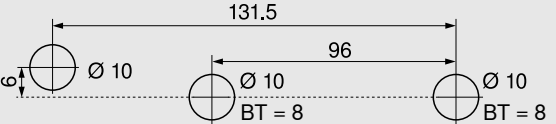
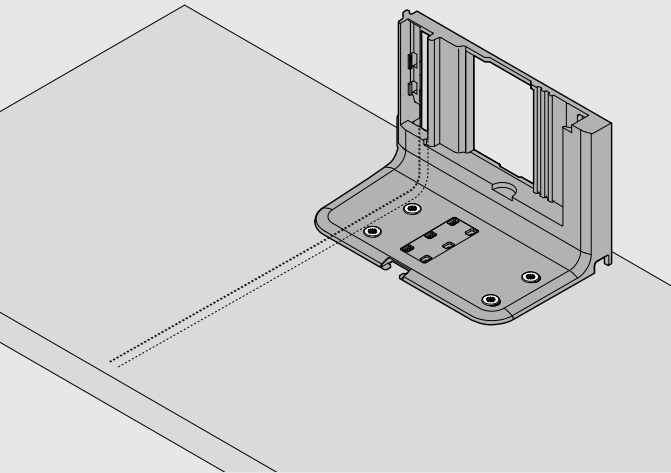
		Cabinet profile with over extension
X (mm)	NL + 19	NL - 31
Y (mm)	NL + 35	NL + 3
Z (mm)	LW / 2	LW / 2
LW	Internal cabinet width	
NL	Nominal length	
X	Drilling position	
Y	Min. space requirement	
Z	Indent distance	

Sink cabinet – cabinet base – attachment bracket 1 tier

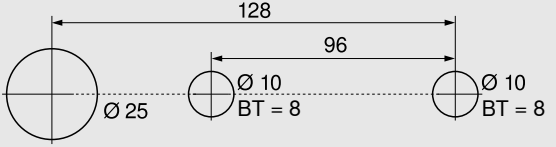
Planning

Cabinet base – drilling pattern

Lower cabling



Alternative drilling pattern for MINIPRESS top and MINIPRESS



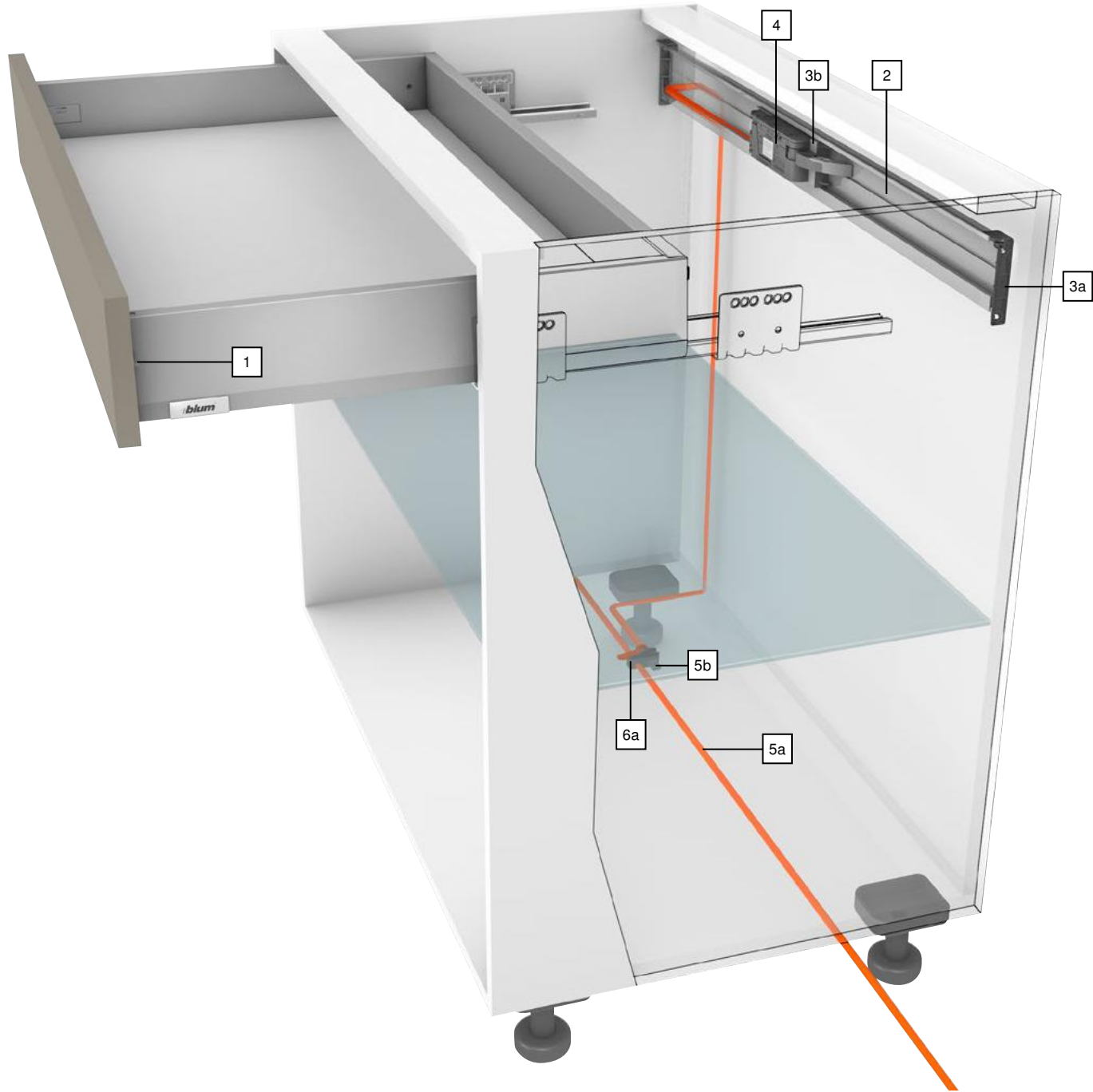
BT Drilling depth

Front assembly

Blum distance bumper

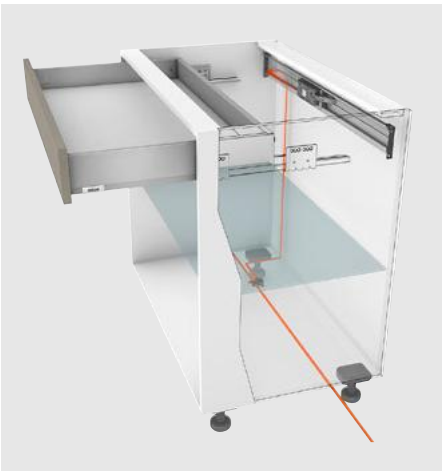
See page	95
----------	----

Cabinet with single pull-out – horizontal bracket profile



Cabinet with single pull-out – horizontal bracket profile

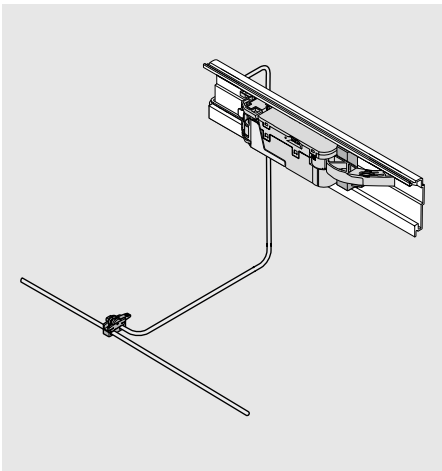
Product



Description

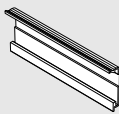
- Electrical opening support system in combination with BLUMOTION for soft and effortless closing
- With horizontal bracket profile
- No fixed connection between the drive unit and pull-out
- Pull-outs need not be modified
- Quick assembly of pre-mounted parts

Cabling

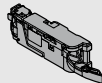


Ordering information

1	Blum distance bumper		
	Ø (mm)		
	5		993.0530
Up to front height 300 mm, use 2 pcs			
From front height 300 mm, use 4 pcs			
For 70 kg MERIVOBX cabinet profile, use 4 pcs			

2	Horizontal bracket profile		
	Length (mm)		
	1143		Z10T1143B
For cabinet width KB 275–1200 mm			
Aluminium for cutting to size			
Cutting	Internal cabinet width LW - 19 mm		

3		Horizontal bracket profile attachment		
		Colour	Material	
		R7037	Nylon	Z10D5210
Consisting of:				
3a	1 x	Bracket profile attachment left/right		
3b	1 x	Bracket profile adapter for drive unit		
Chipboard screws and system screws can be used				

4	Drive unit		
	Colour	Material	
	R7037	Nylon	Z10A3000.03
Includes pre-assembled lever extension			

5	SERVO-DRIVE distribution cable and cable end protector		
	Colour	Length (m)	
	S	8	Z10K800AE

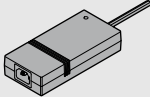
Consisting of:		
5a	1 x	SERVO-DRIVE distribution cable
5b	5 x	Cable end protector
Can be used as a distribution, bracket profile and communications cable		
For cutting to size		

6	Connecting node and cable end protector		
	Colour	Material	
	S	Nylon	Z10V100E.01
Consisting of:			
6a	1 x	Connecting node	
5b	2 x	Cable end protector	

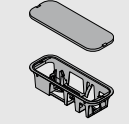
Colour			
R7037	RAL 7037 dust grey		
S	Black		

Cabinet with single pull-out – horizontal bracket profile

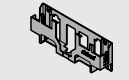
Ordering information

-		24-watt SERVO-DRIVE power supply unit	
		D	Z10NE030D
Includes operating and installation instructions			
Without flex			
Language package			
D	EN, ES, FR, IT, PT		
Language descriptions as per ISO-639			

-	Flex		
		Market	
		AU	Z10M200K
Length 2 m, incl. plug			
Without plug			

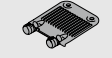
Power supply unit housing			
	Base mounting		
	Colour	Material	
	R7037	Nylon	Z10NG000
Includes cover			
For 24-watt SERVO-DRIVE power supply unit			

Alternative

Power supply unit housing			
	Panel fixing		
	Colour	Material	
	WGR	Nylon	Z10NG120
For 24-watt SERVO-DRIVE power supply unit			

Accessories

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

-	Front/base stabiliser		
	Colour	Material	
	R7037	Nylon	Z96.10E1

-	COMBOX set		
	Colour	Material	
	S	Nylon	Z10ZC00A

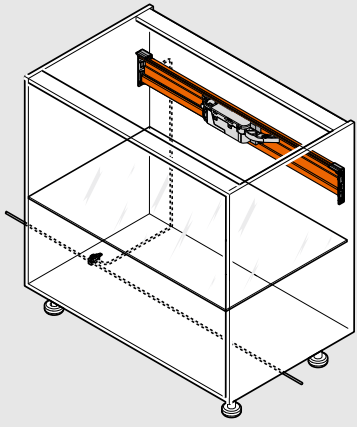
Prevents front collisions when using SERVO-DRIVE in corner applications			
Compatible with drive units Z10A3000.02 onwards			
Can be used in combination with Z10K300A			
Includes all assembly and cabling components			

Colour	
R7037	RAL 7037 dust grey
S	Black
W	White
WGR	White grey

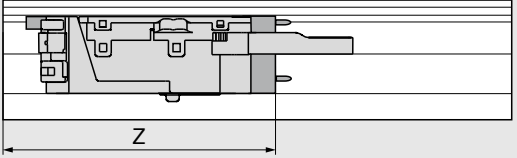
Cabinet with single pull-out – horizontal bracket profile

Planning

Cabinet



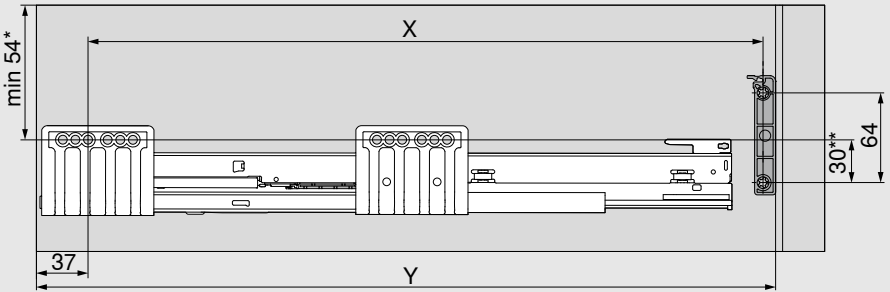
Position of drive unit



Z Indent distance

Drilling distances

Cabinet base | Cross member



X (mm)	NL - 9
Y (mm)	NL + 37
NL	Nominal length
X	Drilling position
Y	Min. space requirement

This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:

* Back height

N	32 mm
---	-------

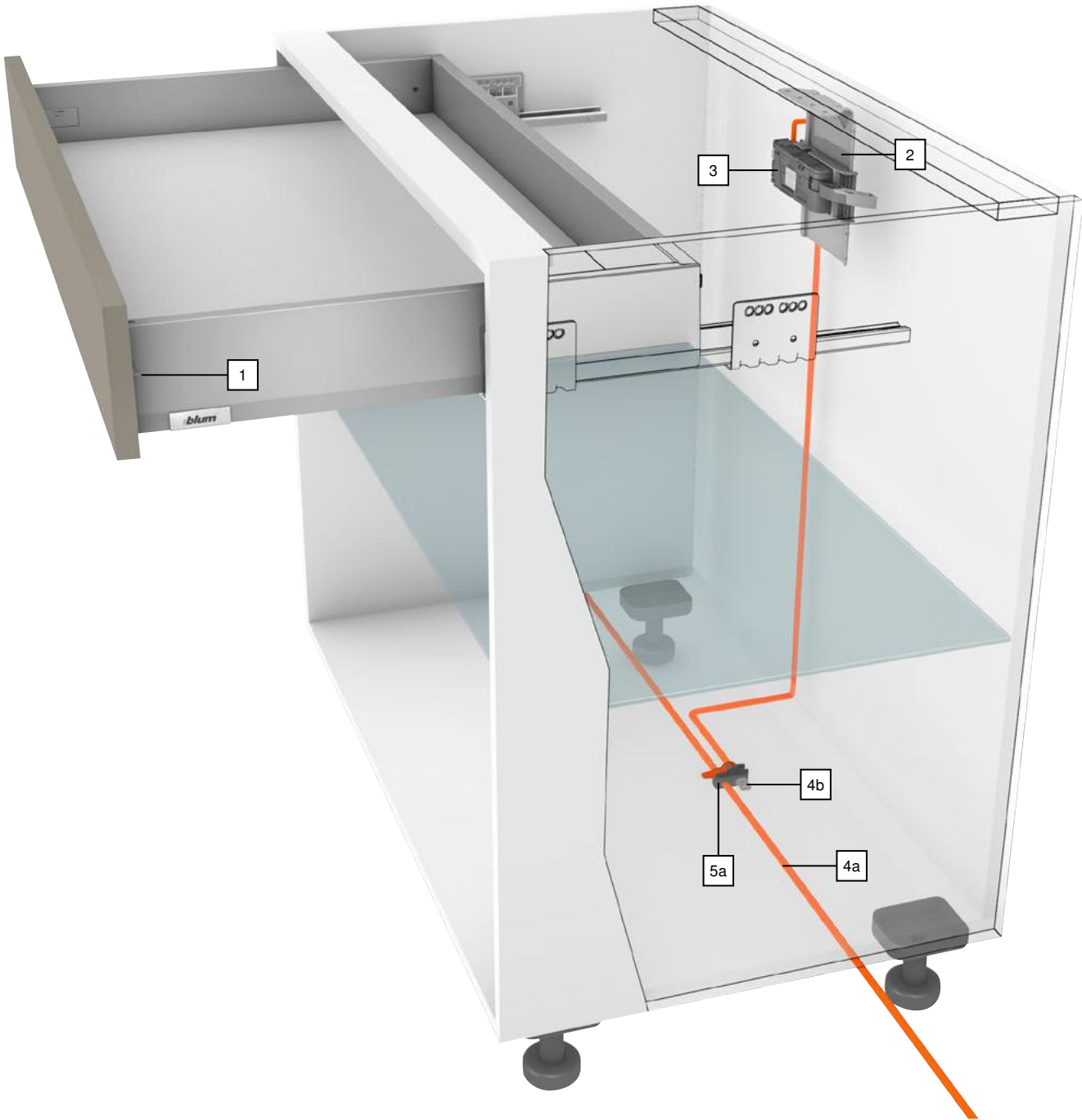
** Back height

N	45 mm
---	-------

	Internal cabinet width LW (mm)									
	242–266		267–286		287–316		317–386		≥ 387	
	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
Back height										
N	–	–	177		177		177		LW/2	
M K E	–	–	177		177		177		LW/2	
H.	Lever extension				LW Internal cabinet width					
Z	Indent distance				– Not possible					
	Required				Remove					

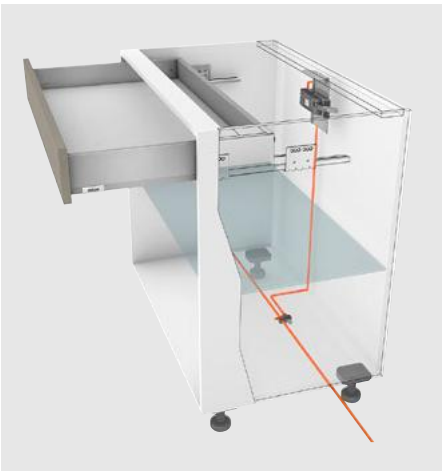
Front assembly										
Blum distance bumper										
See page										95

Cabinet with single pull-out – upper attachment bracket



Cabinet with single pull-out – upper attachment bracket

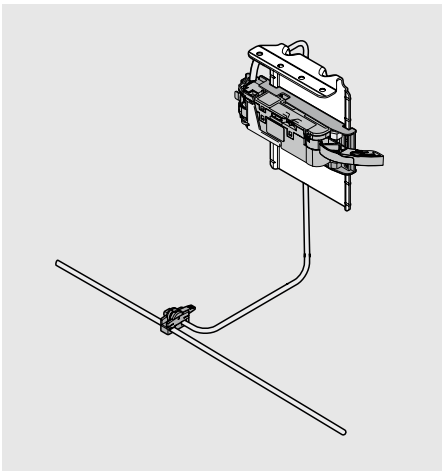
Product



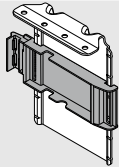
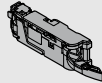
Description

- Electrical opening 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 assembly of pre-mounted parts

Cabling



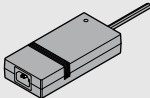
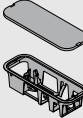
Ordering information

1	Blum distance bumper		
		Ø (mm)	
		5	993.0530
	Up to front height 300 mm, use 2 pcs		
	From front height 300 mm, use 4 pcs		
	For 70 kg MERIVOBX cabinet profile, use 4 pcs		
2	Upper attachment bracket		
		Colour	Material
		R7037/ZN	Steel
	Includes pre-mounted adapter for drive unit		
3	Drive unit		
		Colour	Material
		R7037	Nylon
	Includes pre-assembled lever extension		

4		SERVO-DRIVE distribution cable and cable end protector	
		Colour	Length (m)
		S	8
			Z10K800AE
Consisting of:			
4a	1 x	SERVO-DRIVE distribution cable	
4b	5 x	Cable end protector	
Can be used as a distribution, bracket profile and communications cable			
For cutting to size			
5		Connecting node and cable end protector	
		Colour	Material
		S	Nylon
			Z10V100E.01
Consisting of:			
5a	1 x	Connecting node	
4b	2 x	Cable end protector	
Colour			
R7037	RAL 7037 dust grey		
S	Black		
ZN	Zinc plated		

Cabinet with single pull-out – upper attachment bracket

Ordering information

-		24-watt SERVO-DRIVE power supply unit	
		D	Z10NE030D
Includes operating and installation instructions			
Without flex			
Language package			
D	EN, ES, FR, IT, PT		
Language descriptions as per ISO-639			
-		Flex	
		Market	
		AU	Z10M200K
Length 2 m, incl. plug			
Without plug			
-		Power supply unit housing	
	Base mounting		
	Colour	Material	
	R7037	Nylon	Z10NG000
Includes cover			
For 24-watt SERVO-DRIVE power supply unit			
Alternative			
-		Power supply unit housing	
	Panel fixing		
	Colour	Material	
	WGR	Nylon	Z10NG120
For 24-watt SERVO-DRIVE power supply unit			

Accessories			
	Cable holder		
	Colour	Material	
	W	Nylon	Z10K0009
E.g. for fixing the SERVO-DRIVE distribution cable			
Front/base stabiliser			
			
	Colour	Material	
	R7037	Nylon	Z96.10E1
COMBOX set			
			
	Colour	Material	
	S	Nylon	Z10ZC00A
Prevents front collisions when using SERVO-DRIVE in corner applications			
Compatible with drive units Z10A3000.02 onwards			
Can be used in combination with Z10K300A			
Includes all assembly and cabling components			
Colour			
R7037	RAL 7037 dust grey		
S	Black		
W	White		
WGR	White grey		

Cabinet with single pull-out – upper attachment bracket

Planning

X Drilling position

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

E Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile

The cross member must be connected to the worktop area for increased stability

Drive unit position

		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)
Back height													
N		–	–	–	28	50	139	28	50	139	28	50	139
M K E		–	–	–	45	67	157	45	67	157	45	67	157
A Distance between bottom edge of cabinet profile and bottom edge of drive unit													
E Minimum distance between the bottom edge of the cabinet top panel and the fixing position of the cabinet profile													
– Not possible													

Drilling distances

Cross member

X (mm) NL - 1

Y (mm) NL + 34

NL Nominal length

X Drilling position

Y Min. space requirement

Z Indent distance

This bracket profile assembly position ensures that both inset pull-outs and pull-outs with overlay fronts can be opened by pushing or pulling. For this application, the following general dimensions apply:

		Internal cabinet width LW (mm)									
		242–266		267–286		287–316		317–386		≥ 387	
		Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.	Z (mm)	H.
Back height											
N		–	–	174		174		174		LW/2	
M K E		–	–	174		174		174		LW/2	
H. Lever extension					LW Internal cabinet width						
Z Indent distance					– Not possible						
Required					Remove						

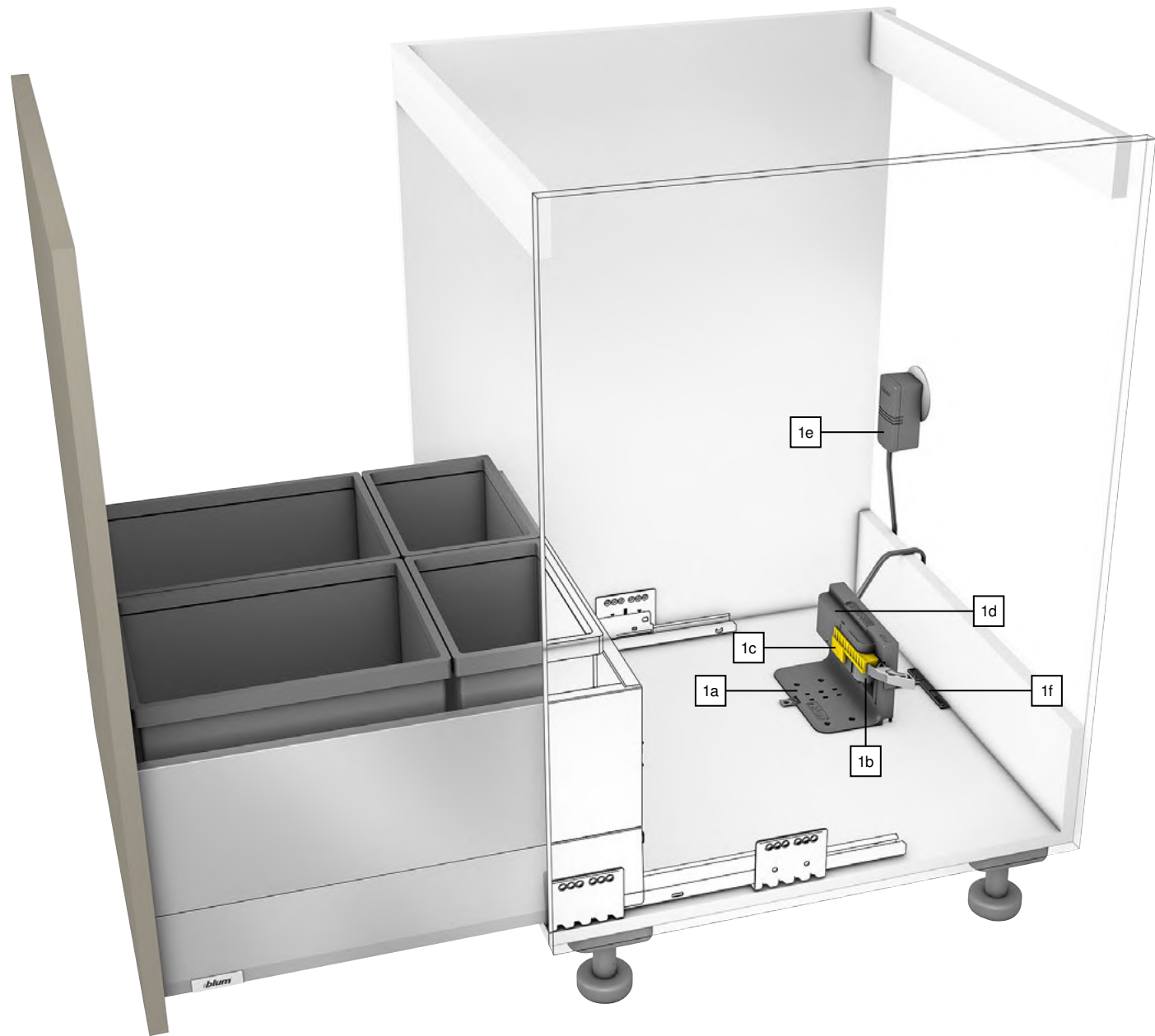
Front assembly

Blum distance bumper

See page

95

Bottom mount waste bin solution



Bottom mount waste bin solution

Product



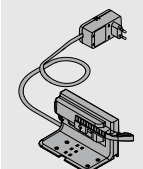
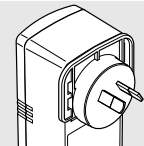
Description

- Electrical opening support system in combination with BLUMOTION for soft and effortless closing
- Suitable for individual 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
- Simple and quick assembly of pre-mounted parts

Space requirement



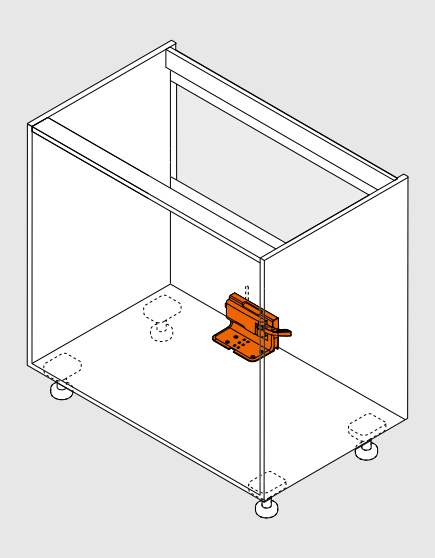
Ordering information

SERVO-DRIVE uno set			
	Power adapter	Language package	
	K	D	Z10NA30KD
Power adapter			
K			
See the Information chapter of the Blum catalogue for a detailed market list.			
Language package			
D	EN, ES, FR, IT, PT		
Other combinations available upon request			
Pre-mounted set			
Consisting of:			
-	2 x	Blum distance bumper	
1a	1 x	Attachment bracket 1 tier	
1b	1 x	Drive unit	
1c	1 x	Transport protection	
1d	1 x	Drip protection feature	
1e	1 x	12-watt SERVO-DRIVE plug-in power supply unit	
1f	1 x	Assembly device	
-	7 x	Screws for Blum distance bumper and attachment bracket	
-	1 x	Installation instructions	
-	1 x	Operating instructions	

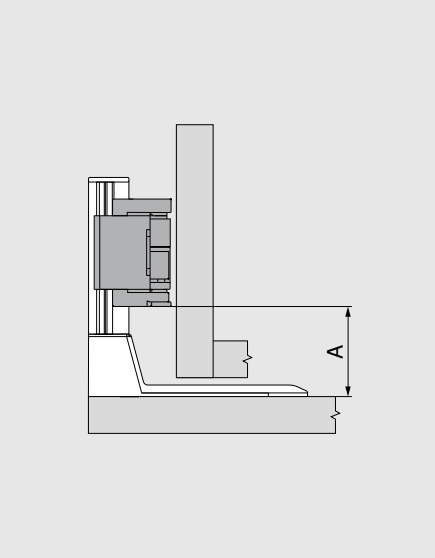
Bottom mount waste bin solution

Planning

Cabinet



Position of drive unit

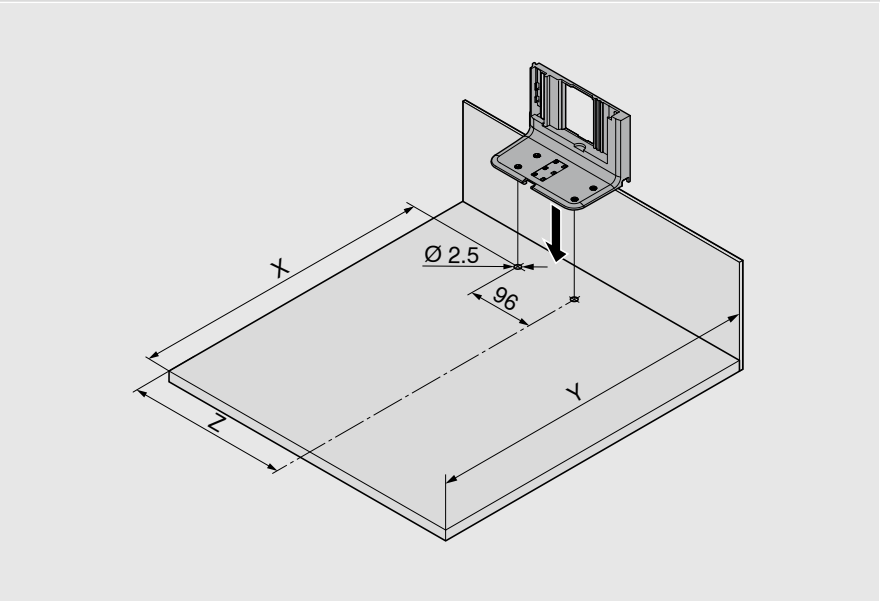


Internal cabinet width LW (mm)	
≥ 387	
A min. (mm)	A max. (mm)
28	45

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

Drilling distances

Cabinet base



Internal cabinet width LW (mm)		
≥ 387		
X (mm)	Y (mm)	Z (mm)
NL - 45	NL + 35	LW / 2

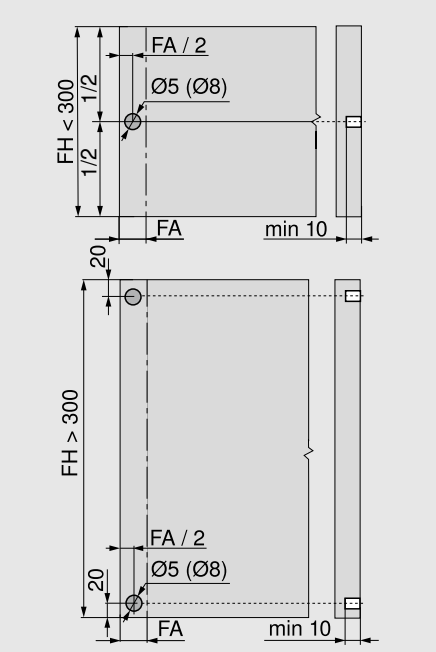
Cabinet profile with over extension		
X (mm)	Y (mm)	Z (mm)
NL - 95	NL + 3	LW / 2

NL Nominal length
X Drilling position
Y Min. space requirement
Z Indent distance

Information about SERVO-DRIVE

Front assembly

Blum distance bumper



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

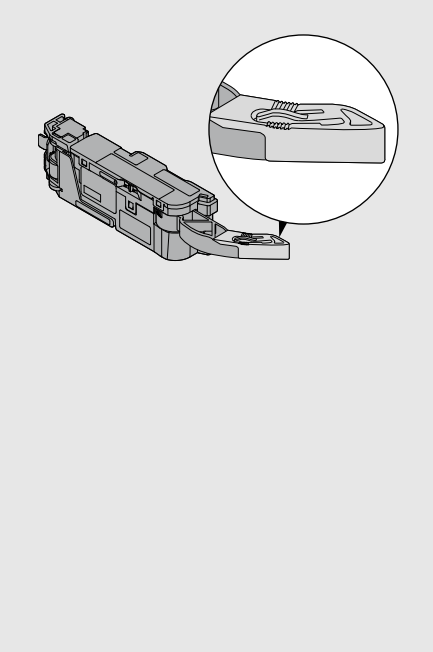
When using a 70 kg MERIVOBX cabinet profile, install 4 Blum distance bumpers

For optimal triggering with front heights FH > 300 mm Use front/base stabiliser

FA	Front overlay
FH	Front height

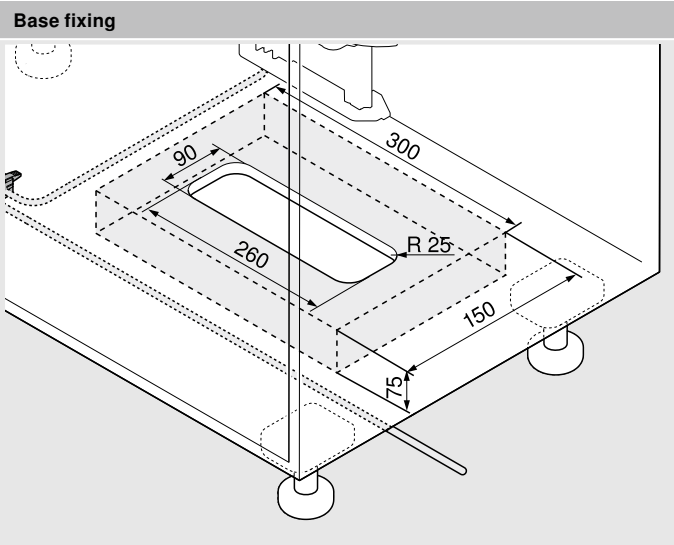
Drive unit

Lever extension

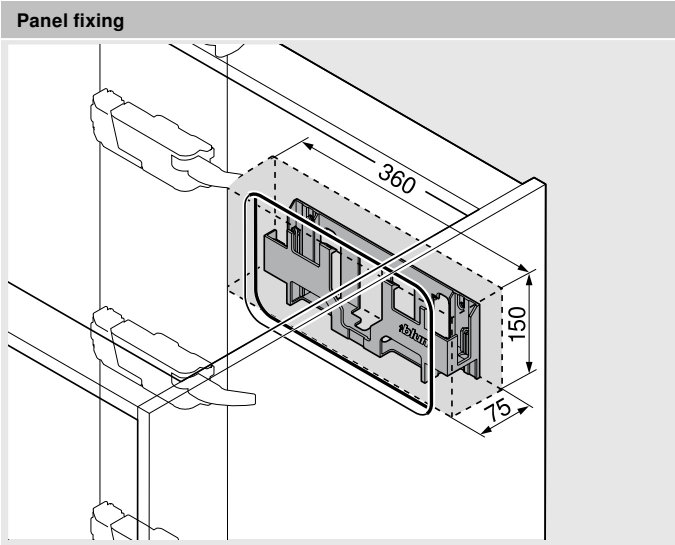


Space requirement and safety distance for power supply unit housing

Base fixing



Panel fixing



Attention

 Maintain a 30 mm safety distance from the bottom edge (base fixing) and/or front edge (panel fixing) and side edges of the power supply unit housing to the neighbouring elements! Air must be able to circulate, otherwise the SERVO-DRIVE power supply unit could overheat!

Assembly, adjustment and removal



www.blum.com/servodrive1

Product



Description

- TIP-ON mechanical opening support system combined with BLUMOTION for soft and effortless closing
- Small minimum front gap of just 2.5 mm
- Extensive trigger range
- Optional synchronisation from internal cabinet width LW 243 mm – we generally recommend synchronisation in all cases
- 4-dimensional front adjustment option

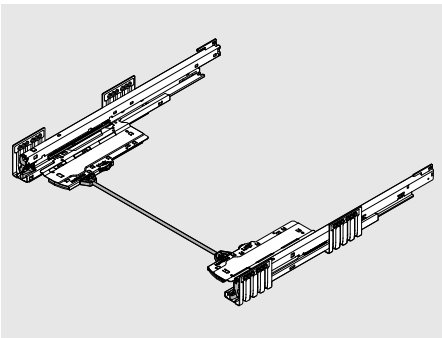
Ordering information

1	TIP-ON BLUMOTION set
The TIP-ON BLUMOTION unit is available in varying strengths to suit different weight ranges and nominal lengths. Each version has a different colour to make them easy to distinguish. The latch can be universally used for all TIP-ON BLUMOTION units.	

NL (mm)	Unit		Cabinet profile (kg)	Weight (kg)	
270–300	S0	White	40	≤ 10	T60H4040
270–300	S1	Light grey	40	> 10–20	T60H4140
350–600	L1	Light grey	40	² ≤ 20	T60H4340
350–600	L3	Dust grey	40	² 15–40	T60H4540
450–600	L5	Black	70	³ 35–70	T60H4570

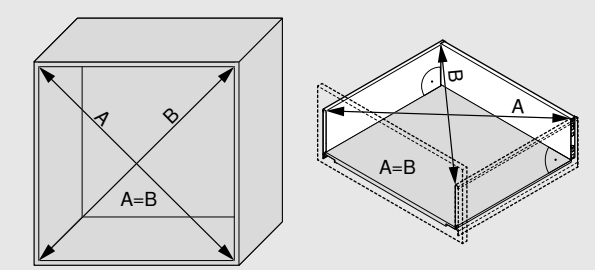
Consisting of:		
1a	1 x	TIP-ON BLUMOTION unit left/right
1b	1 x	TIP-ON BLUMOTION latch symmetrical
1c	2 x	TIP-ON BLUMOTION synchronisation adapter
		Internal cabinet width LW ≥ 297 mm
1	Recommended weight ranges (total weight of the pull-out) for an optimum opening and closing function	
2	Can only be combined with a 40 kg cabinet profile	
3	Recommendation: Only use in combination with a 70 kg cabinet profile	
Make the right calculations for your TIP-ON BLUMOTION unit using the Product Configurator: www.blum.com/configurator		

Internal cabinet width LW ≥ 297 mm		
2	TIP-ON BLUMOTION synchronisation linkage	
	Version	Colour
	Round	Grey
T60.1125W		
In combination with 1c 2 x T60.000D		
Suitable up to internal cabinet width LW 1370 mm		
Note		
To optimise the function and increase the trigger range, we generally recommend using synchronisation.		
Cutting	Internal cabinet width LW - 250 mm	



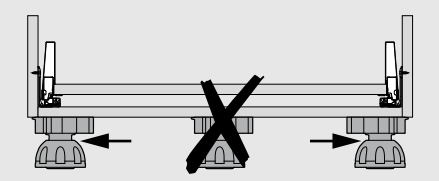
- TIP-ON BLUMOTION for MERIVOBX uses the same standard installation dimensions as MERIVOBX
- The following diagrams show a drawer with height M

Furniture construction

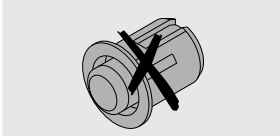


Precise manufacturing is required to ensure a front gap of at least 2.5 mm. This means that the construction must adhere to the dimensions and angles planned.

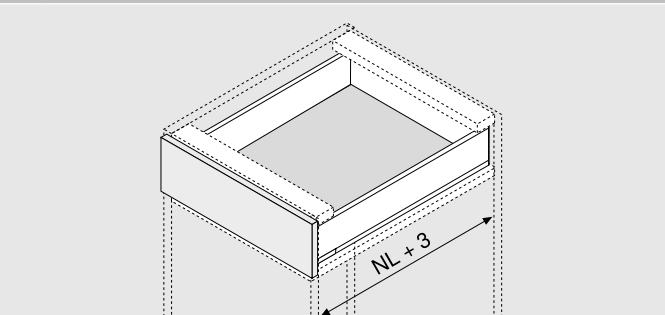
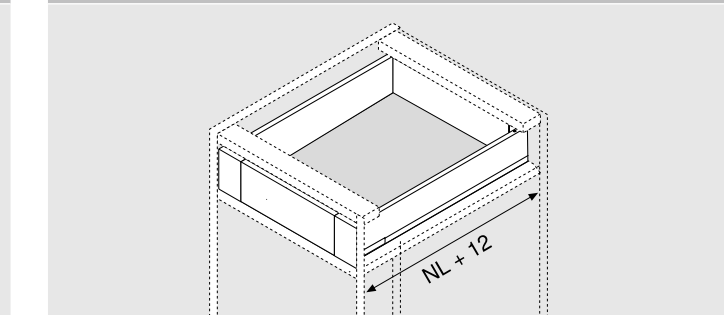
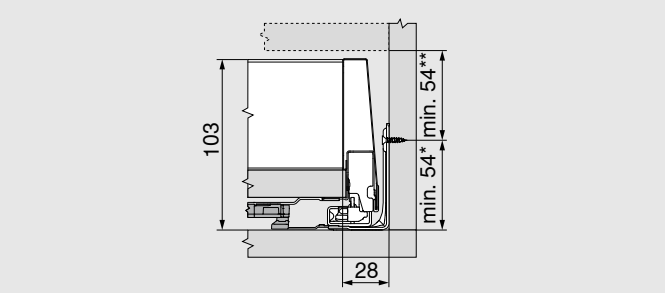
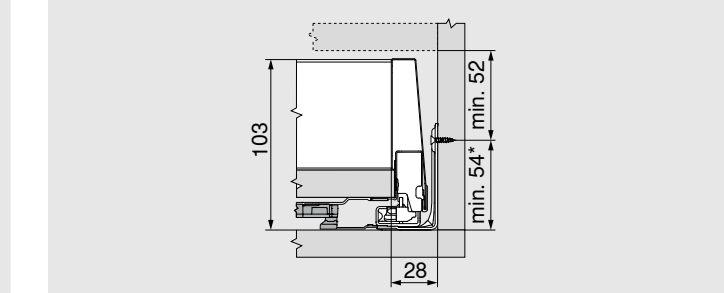
Plinth leg



Front assembly

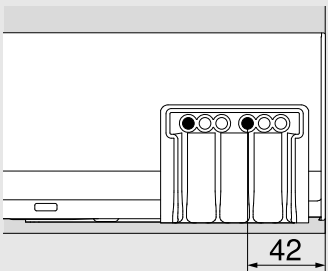


Bumpers must not be installed for TIP-ON BLUMOTION!

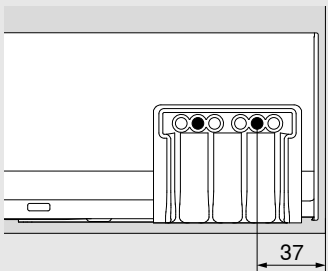
Space requirements in the cabinet	
Drawer/high fronted pull-out	Inner drawer/inner pull-out
	
	
* + 1 mm if cabinet profiles are installed before cabinet is assembled	
** Incl. 2 mm tilt adjustment	
Latch (Z17.0M06) and latch housing (ZIF.7002) cannot be used in combination with TIP-ON BLUMOTION	
NL Nominal length	

Planning

Screw position – inner drawer | inner pull-out

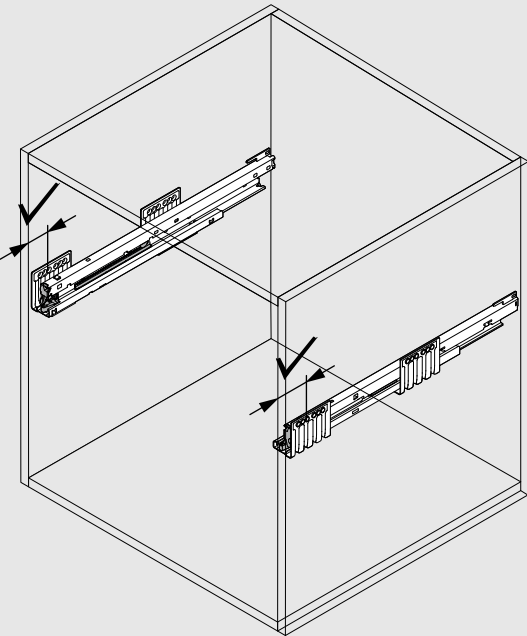


Variant 1



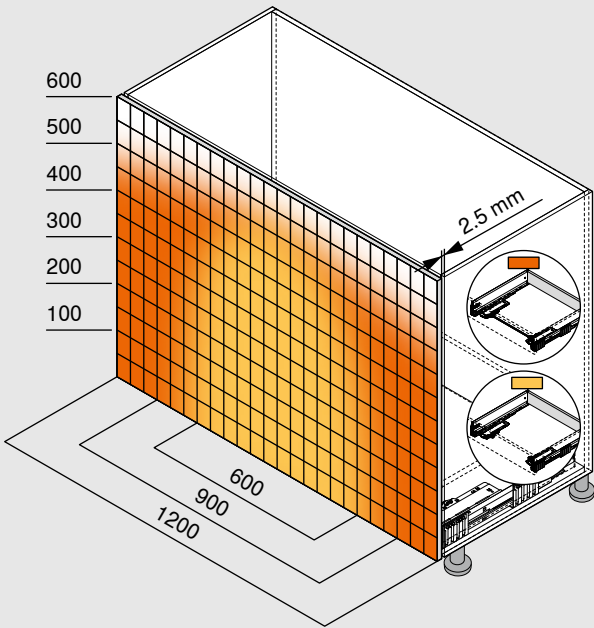
Variant 2

Depth position



Ensure that both cabinet profiles are positioned at the correct depth.

Trigger range



Trigger range

- With synchronisation
- Without synchronisation

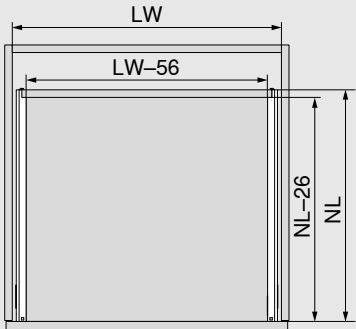
Minimum front gap (mm) 2.5

To optimise the function and increase the trigger range, we generally recommend using synchronisation.

Example of height E, nominal length NL 500 mm

Cutting dimensions

Cutting dimensions of cutlery insert/non-slip mat

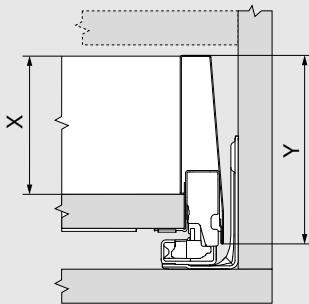


Length

Nominal length NL of drawer side - 26 mm

Width

Internal cabinet width LW - 56 mm



Height X of inner drawer side	Height Y of outer drawer side
Height N - 44.5 mm	Height N - 68.5 mm
Height M - 67 mm	Height M - 91 mm
Height K - 105 mm	Height K - 129 mm
Height E - 168 mm	Height E - 192 mm

Assembly, adjustment and removal



www.blum.com/tobmvx

Material and colour

Steel design



More information
on AMBIA-LINE

[www.blum.com/
ambialine](http://www.blum.com/ambialine)

Colours



Cutlery insert

Steel design



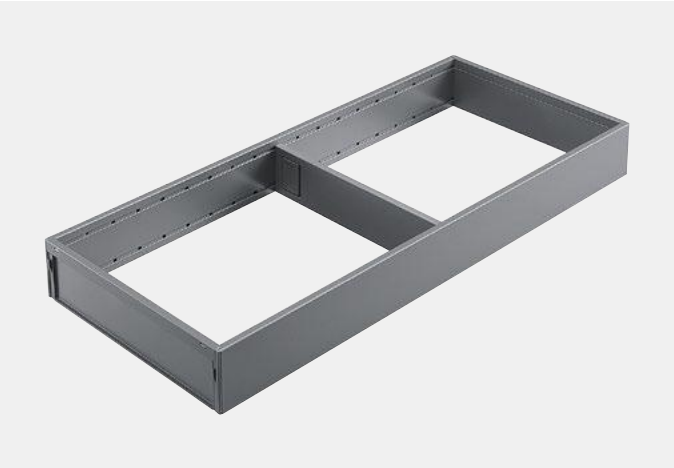
- Containers with a soft touch coating
- Resistant, noise-reducing surface
- Can be positioned as desired and provides a secure hold
- Suitable for MERIVOBX drawers height M and K
- Can be used for nominal lengths of 450 to 600 mm
- Frame height 50 mm
- Material: Steel, powder-coated

Ordering information

Cutlery insert					
	Nominal length (mm)	Width (mm)	SW-M / OG-M	IG-M	OG-M
	450	300	ZC7S450BS3		
	500	300	ZC7S500BS3		
	550	300	ZC7S550BS3		
	600	300	ZC7S600BS3		

Drawer frame

Steel design



- Elegant, slim design
- Can be positioned as desired and provides a secure hold
- Adjustable cross dividers that can be adapted to the items stored, tool-free adjustment in the hole pattern
- Optional film/foil dispenser and knife holder
- Suitable for MERIVOBX drawers height M and K
- Can be used for nominal lengths of 270 to 600 mm
- Frame height 50 mm
- Material: Steel, powder-coated

Ordering information

Drawer frame for nominal lengths of 270 mm or more					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	270–400	242	ZC7S300RSU		
Incl. magnet for connection to the drawer side or steel back					

Adapter profile for connection to chipboard back (optional)					
	Height	Width (mm)	SW-M	IG-M	OG-M
	M	242	ZC7A0U0M		
	K	242	ZC7A0U0K		
Recommended from nominal length 350 mm					

Drawer frame					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	450	100	ZC7S450RS1		
	500	100	ZC7S500RS1		
	550	100	ZC7S550RS1		
	600	100	ZC7S600RS1		
	450	200	ZC7S450RS2		
	500	200	ZC7S500RS2		
	550	200	ZC7S550RS2		
	600	200	ZC7S600RS2		

Cross divider					
	Height (mm)	Width (mm)	SW-M	IG-M	OG-M
	50	100	ZC7Q010SS		
	50	200	ZC7Q020SS		
	50	242	ZC7Q0U0SS		

Frame for high fronted pull-outs

Steel design



- Elegant, slim design
- Can be positioned as desired and provides a secure hold
- Adjustable cross dividers that can be adapted to the items stored, tool-free adjustment in the hole pattern
- Spice holder available as an option
- Suitable for MERIVOBX high fronted pull-out and inner pull-out, height E
- Can be used for nominal lengths of 270 to 600 mm
- Frame height 110 mm
- Material: Steel, powder-coated

Ordering information

Frame for high fronted pull-outs					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	270–600	242	ZC7F300RSU		
	400–600	218	ZC7F400RSP		

Adapter profile for connection to chipboard back (optional)					
	Height	Width (mm)	SW-M	IG-M	OG-M
	E	242	ZC7A0U0C		
	E	218	ZC7A0P0C		
	Recommended from nominal length 350 mm				

Cross divider					
	Height (mm)	Width (mm)	SW-M	IG-M	OG-M
	110	242	ZC7Q0U0FS		
	110	218	ZC7Q0P0FS		

AMBIA-LINE cross gallery

Steel design



- Cross gallery made from aluminium for cutting to size
- Can be positioned as desired and provides a secure hold
- Suitable for MERIVOBX high fronted pull-out and inner pull-out, height E

Ordering information

Cross gallery for cutting to size				
	Length (mm)	SW-M	IG-M	OG-M
	1059	ZR4.1059U		
	Suitable for cabinet width KB up to 1200 mm			
For cutting to size				
Cutting:		Internal cabinet width LW - 111 mm		
Attachments				
		SW-M	IG-M	OG-M
	Gallery, gallery with design element, BOXCAP, E drawer side	ZC4U10E0		
	Design element BOXCOVER	ZC4U11E0		
Lateral divider				
	Length (mm)	SW-M	IG-M	OG-M
	84	ZC4U10F0		

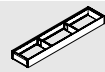
Bottle set

Steel design



- Bottle set for combination with drawer frame, for nominal lengths of 450 mm or greater, steel design
- Can be positioned as desired and provides a secure hold
- Suitable for MERIVOBX high fronted pull-out, height E
- Installation height 140 mm (drawer frame with bottle set)
- Material: Steel, powder-coated

Ordering information

Bottle set					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	from 450	100	ZC7B0100S		
	450 or more	200	ZC7B0200S		
Not suitable for inner pull-outs.					
Narrow drawer frame					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	450	100	ZC7S450RS1		
	500	100	ZC7S500RS1		
	550	100	ZC7S550RS1		
	600	100	ZC7S600RS1		
Wide drawer frame					
	Nominal length (mm)	Width (mm)	SW-M	IG-M	OG-M
	450	200	ZC7S450RS2		
	500	200	ZC7S500RS2		
	550	200	ZC7S550RS2		
	600	200	ZC7S600RS2		

Kitchen accessories



The attractive AMBIA-LINE kitchen accessories combine elegant design with well-conceived functionality. Holders for knives, plates and spices and a film/foil dispenser help to keep the kitchen tidy. Everything runs like clockwork because you have clear visibility of utensils in the pull-out and everything is immediately to hand.



Kitchen accessories

Assembly, adjustment
and removal

[www.blum.com/
ambialine-accessories](http://www.blum.com/ambialine-accessories)

Ordering information

Knife holder			
	Length (mm)	Width (mm)	OG-M
	409	187	ZC7M0200
For 9 knives			
For drawer height M and height K			
Nominal length 450 mm or more			
Foil/film dispenser			
	Length (mm)	Width (mm)	
	409	187	OG-M
	Dual dispenser, cling film and aluminium foil, with film/foil		ZC7C0000
	Dual dispenser, cling film and aluminium foil, without film/foil		ZC7C0001
For drawer height M and height K			
Nominal length 450 mm or more			
Spice holder			
	Length (mm)	Width (mm)	OG-M
	356	205	ZC7G0P0I
For high fronted pull-out, height E			
Plate holder			
	Plate Ø (mm)	Height of storage items	OG-M
	186–322	Up to 12 plates	ZC7T0350
For high fronted pull-out, height E			



-  **Houzz** PRO:
Blum Australia
-  **Instagram:**
@blumaustralia, #blumaustralia
-  **Facebook:**
facebook.com/blumaustralia
-  **Android App on Google Play:**
Easy Assembly App
-  **Available on the App Store:**
Easy Assembly App
-  **Tag Us:**
#blumaustralia

**Blum Showrooms
Sydney (Head Office)**

10 Blackbird Close
Len Waters Estate NSW 2170
Ph: 02 9612 5400

Adelaide

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

Brisbane

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

Melbourne

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

Perth

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

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



ISO 9001
Certified Quality
System



ISO 14001
Certified Environmental
System



ISO 50001
Certified Energy
System