MOVENTO – The sophisticated runner system

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Quality steel for your wooden design ideas

MOVENTO is a concealed runner system and the sophisticated solution for your wooden design ideas. The synchronised feather-light glide ensures an ultra-smooth running action. The 4-dimensional adjustment options provide you with a precise gap layout. What's more, the full extension excels in terms of high stability and load bearing capacity. MOVENTO can be used with all 4 motion technologies for soft and effortless opening and closing.

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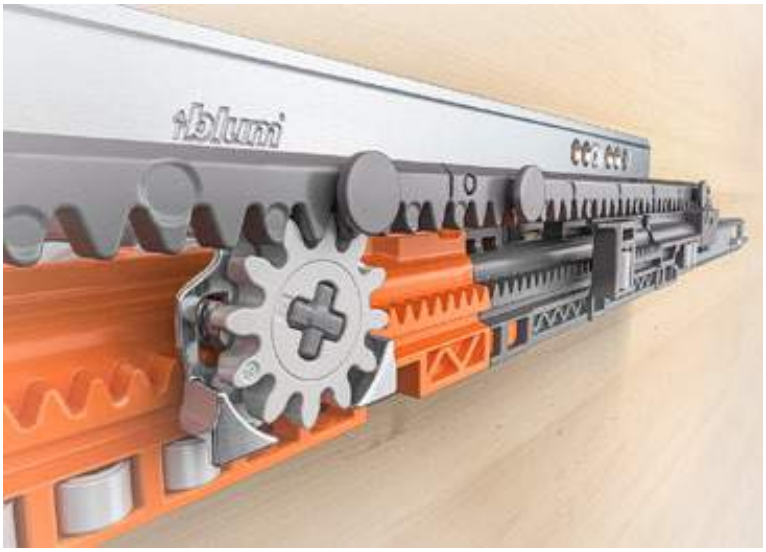
One runner system for all living areas

The MOVENTO runner system boasts an impressively wide range of applications and is suitable for use in all living areas. Its load bearing capacity of up to 70 kg and high stability make it the preferred solution for extremely wide and deep high fronted pull-outs. It makes real storage wonders out of cabinets in the kitchen, living room and hall.

MOVENTO in kitchens

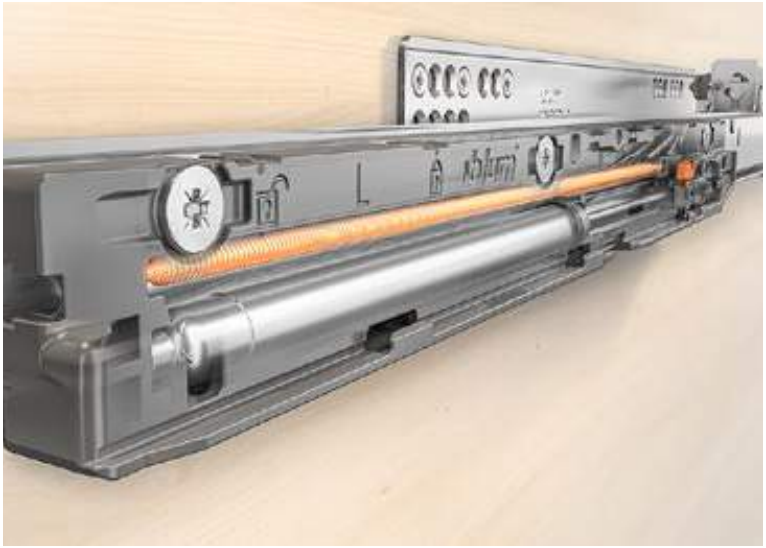
Your customers open and close drawers again and again during everyday kitchen use. The MOVENTO runner system can handle these demands easily. Its stability and load bearing capacity make it ideal for wide and high pull-outs with heavy items, such as pots or pans. The 4-dimensional front adjustment options guarantee a precise gap layout.

MOVENTO Properties



Synchronised feather-light glide for more peace and quiet – everything in perfect harmony

The synchronised feather-light glide is a special feature of the MOVENTO runner system. The runner components run smoothly and silently – for soft and effortless opening and closing. Low-friction cylindrical nylon rollers ensure an optimal weight distribution.



Innovative technology for greater quality of motion – simple, soft and effortless

Your customers will appreciate the enhanced ease of use of MOVENTO; when the drawer is opened, the runner profile immediately transitions to the feather-light glide. And thanks to the BLUMOTION soft-close mechanism, it closes again just as softly and effortlessly – even when heavy pull-outs receive a forceful push.

High stability for a greater load bearing capacity – more than a match for all requirements

MOVENTO boasts excellent stability and a high load bearing capacity. Thanks to its superb sag values, the runner system is ideal for applications near to the floor, too. This makes the full extension with 40 kg and 70 kg load bearing classes the first choice for all living areas, even when you are using wide, high and deep pull-outs.

Motion technologies for MOVENTO

MOVENTO can be implemented with all 4 motion technologies by Blum – you decide which one best meets your requirements. Adaptive soft-close BLUMOTION ensures that your wooden drawers close softly and effortlessly; they seem to open by themselves with the SERVO-DRIVE electrical opening support system. TIP-ON BLUMOTION combines a mechanical opening support system with a soft-close mechanism. Drawers open with a single touch thanks to TIP-ON.

BLUMOTION
by Blum

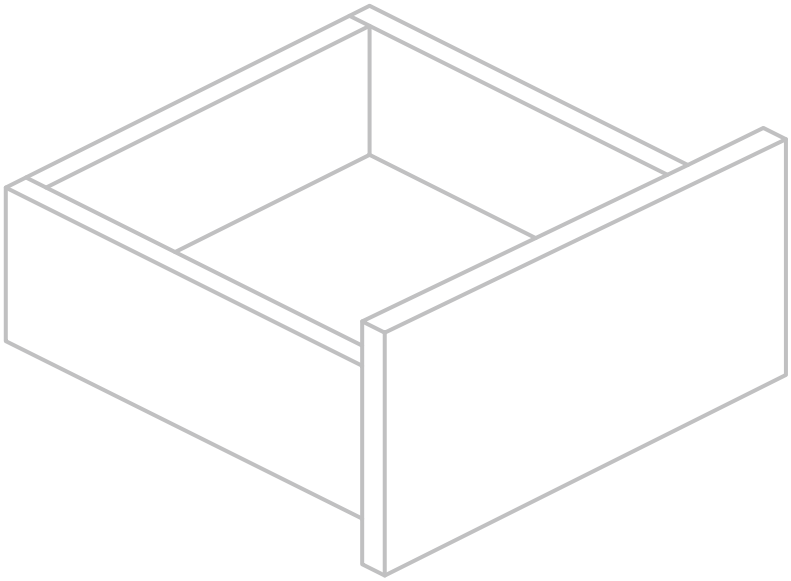
SERVO-DRIVE
by Blum

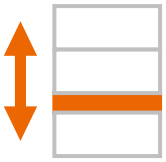
TIP-ON BLUMOTION
by Blum

TIP-ON
by Blum

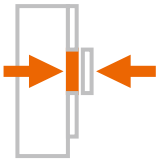
4 dimensions for greater precision

With MOVENTO, you can adjust the height, tilt and depth of the front and also modify it at the sides. And you can benefit from optional depth adjustment on furniture with inset fronts. There is no need to alter the drawer and you get a precise gap layout quickly, easily and without tools.

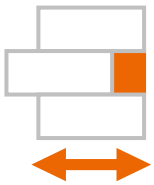




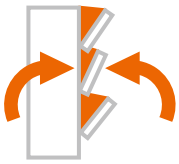
Height



Depth



Side

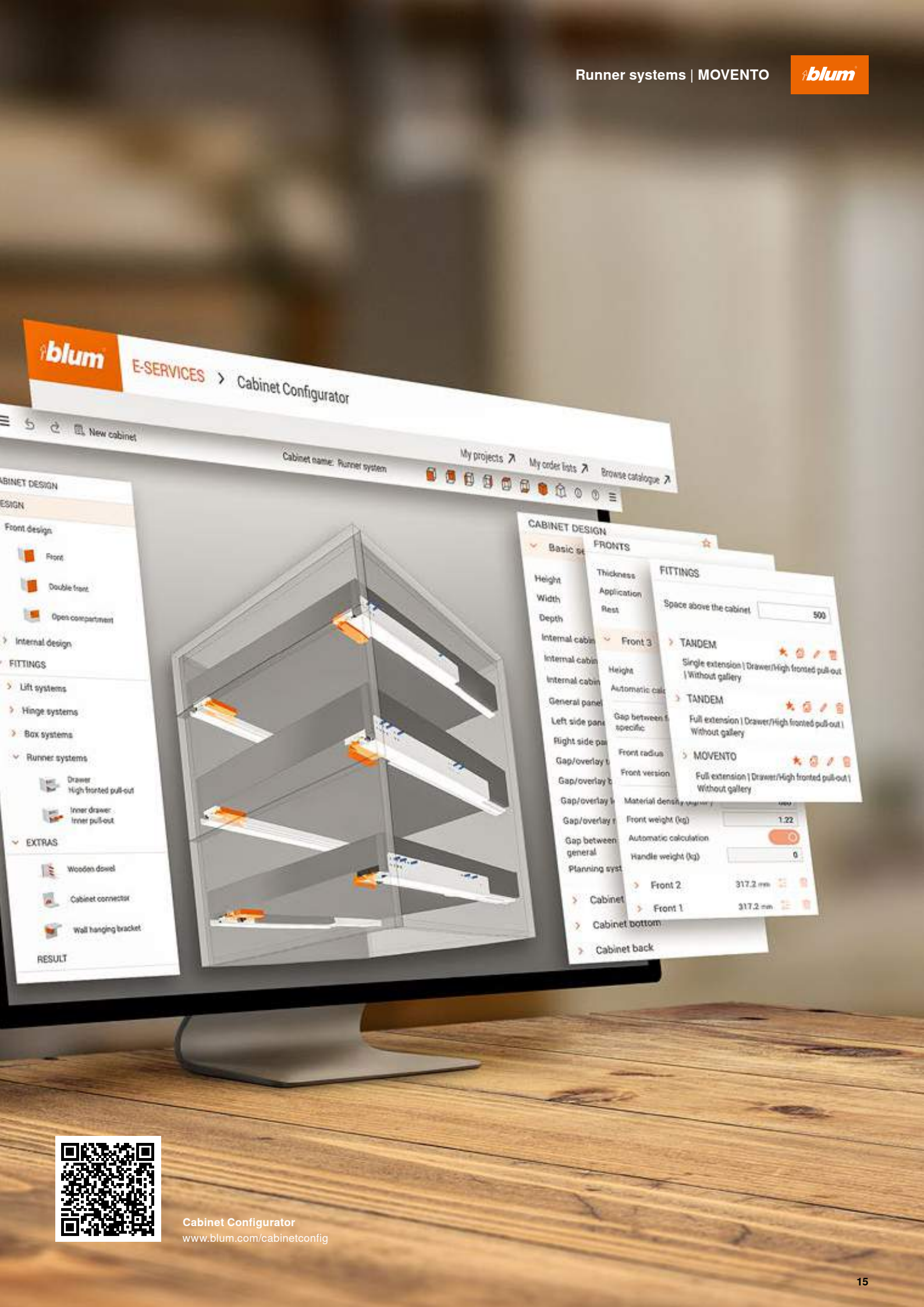


Tilt

Support every step of the way

For MOVENTO, we also offer services and assembly devices for all your day-to-day tasks. For instance, the MINIPRESS top drilling and insertion machine with EASYSTICK assists with all vertical and horizontal drilling operations. The drilling template for distance bumpers, the universal drilling template, the front gap template for MOVENTO and the gauge set and marking template all ensure that assembly is quick, easy and precise. Thanks to the EASY ASSEMBLY app, 4-dimensional adjustment of the front takes no time at all.

EASY ASSEMBLY app
www.blum.com/eaapp



Cabinet Configurator
www.blum.com/cabinetconfig

The right runner system for every requirement

Depending on your requirements, there are several different runner systems for your drawers. The versatile TANDEM runner system impresses with a broad range: choose from several types of extension and three motion technologies. The MOVENTO concealed runner system is the sophisticated solution to meet exacting requirements: it boasts a synchronised feather-light glide, 4-dimensional adjustment and is fully compatible with all four Blum motion technologies.

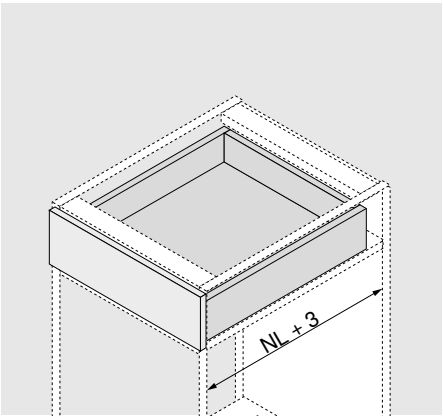
TANDEM
Full extension

TANDEM
Single extension

MOVENTO

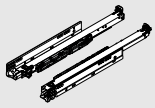
760H/766H – drawer/inner drawer

- Concealed full extension
- Includes integrated, switchable BLUMOTION S for soft and effortless closing, and can be combined with SERVO-DRIVE or TIP-ON BLUMOTION
- Or with integrated TIP-ON, the mechanical opening support system
- Synchronised feather-light glide
- BLUMATIC self-closing feature
- Tool-free side, height and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation



Ordering information

1 Runners left/right

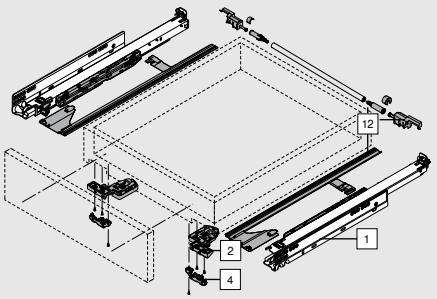


	BLUMOTION S*		TIP-ON	
NL (mm)	40 kg	70 kg	40 kg	70 kg
250**	760H2500S		760H2500T	
270	760H2700S		760H2700T	
300	760H3000S		760H3000T	
320	760H3200S		760H3200T	
350	760H3500S		760H3500T	
380	760H3800S		760H3800T	
400	760H4000S		760H4000T	
420	760H4200S		760H4200T	
450	760H4500S	766H4500S	760H4500T	766H4500T
480	760H4800S		760H4800T	
500	760H5000S	766H5000S	760H5000T	766H5000T
520	760H5200S	766H5200S	760H5200T	766H5200T
550	760H5500S	766H5500S	760H5500T	766H5500T
580		766H5800S		766H5800T
600	760H6000S	766H6000S	760H6000T	766H6000T
650		766H6500S		766H6500T
700***		766H7000S		766H7000T
750***		766H7500S		766H7500T

*Suitable for SERVO-DRIVE and TIP-ON BLUMOTION

**Cannot be used in combination with TIP-ON BLUMOTION

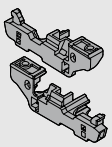
***Load bearing class: 60 kg



2 Locking device left/right

Material	Nylon/steel
Colour	Orange
Left/right must be ordered separately	**T51.7601**

4 Depth adjustment left/right (optional)



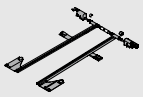
Material	Nylon
Colour	RAL 7037 dust grey
Left/right must be ordered separately	**298.7601**

Only for inset applications for MOVENTO with BLUMOTION.
Integrated SERVO-DRIVE bumper.

NL Nominal length

760H/766H – drawer/inner drawer

Accessories

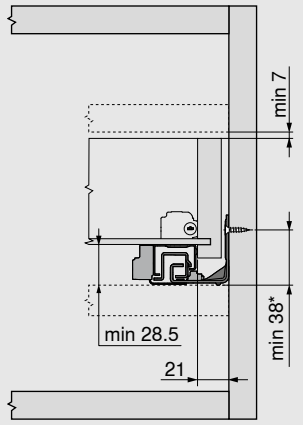
12	Side stabiliser set	
	For KB 1400 mm for cutting to size	
	For NL up to (mm)	
	400	ZS7M400MU
	600	ZS7M600MU
	750	ZS7M750MU
	Shaft cutting dimensions: Internal cabinet width (LW) – 315 mm	
	Gear rack cutting: NL + 10 mm	

NL Nominal length

760H/766H – drawer/inner drawer

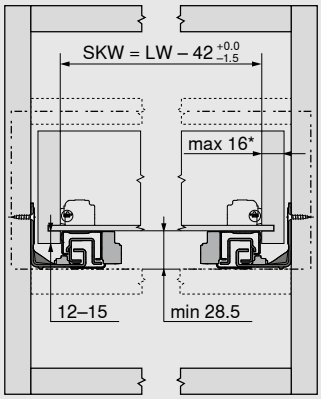
Planning

Space requirements in the cabinet



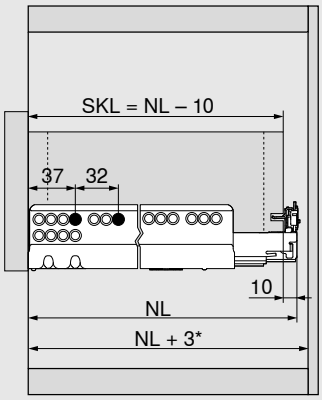
* + 1 mm for assembly of the runners prior to cabinet assembly

Drawer/inner drawer



* Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal drawer width

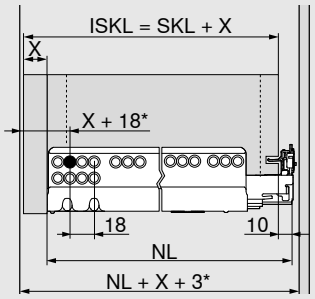
Drawer



* Additional +12 mm with side stabiliser

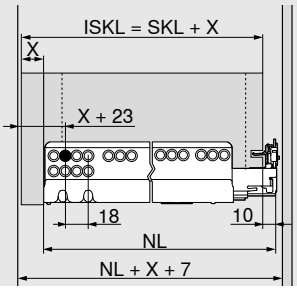
Inner drawer

with BLUMOTION S

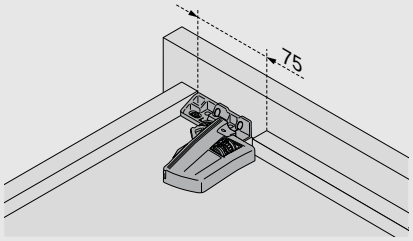


* Additional + 3 mm with depth adjustment

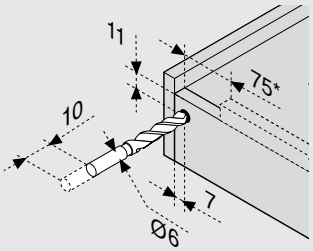
with TIP-ON



Drawer assembly



Use drilling template T65.1000.02

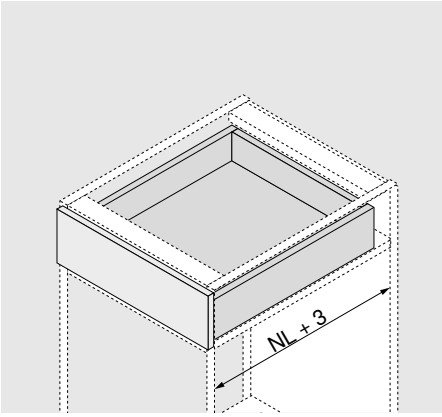


* TIP-ON BLUMOTION 125 mm

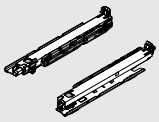
ISKL Inner drawer length
LW Internal cabinet width
NL Nominal length
SKL Drawer depth
SKW Internal drawer width
X Front thickness

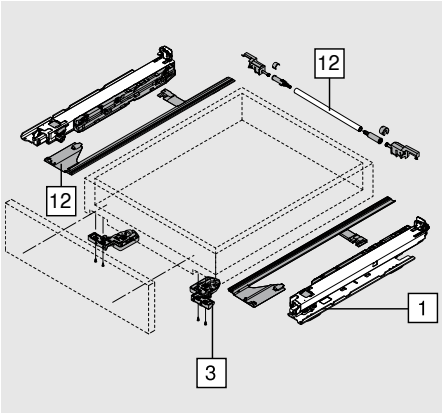
760H – drawer/inner drawer – base fixing

- Concealed full extension
- Includes integrated, switchable BLUMOTION S for soft and effortless closing, and can be combined with SERVO-DRIVE or TIP-ON BLUMOTION
- Synchronised feather-light glide
- BLUMATIC self-closing feature
- Tool-free side, height and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation
- For base fixing/fixed shelf fixing



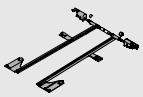
Ordering information

1	Left/right runners for base fixing	
		BLUMOTION S*
	NL (mm)	40 kg
	350	760H3500SU
	400	760H4000SU
	450	760H4500SU
	500	760H5000SU
	*Suitable for SERVO-DRIVE and TIP-ON BLUMOTION	



3	Locking device left/right		
	Material	Nylon/steel	
	Colour	Orange	
	Left/right must be ordered separately		T51.7601

Accessories

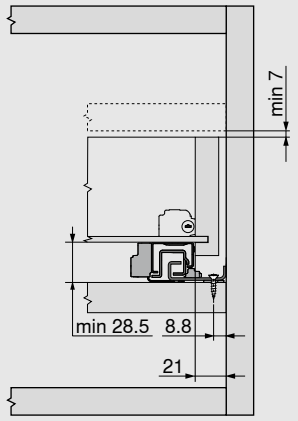
12	Side stabiliser set	
	For KB 1400 mm for cutting to size	
	For NL up to (mm)	
	400	ZS7M400MU
	600	ZS7M600MU
	750	ZS7M750MU
	Shaft cutting dimensions: Internal cabinet width (LW) – 315 mm	
	Gear rack cutting: NL + 10 mm	

NL Nominal length

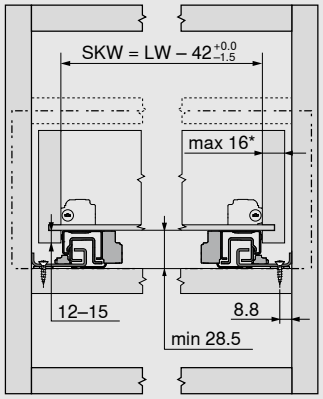
760H – drawer/inner drawer – base fixing

Planning

Space requirements in the cabinet

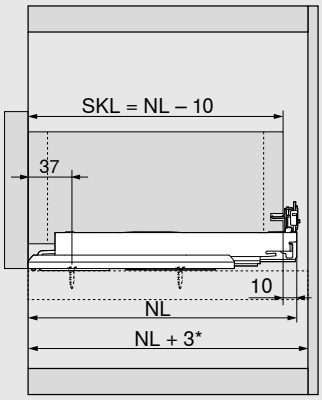


Drawer/ inner drawer



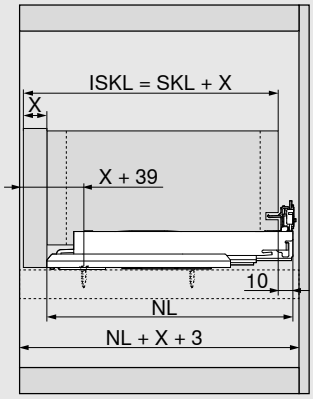
* Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal drawer width

Drawer

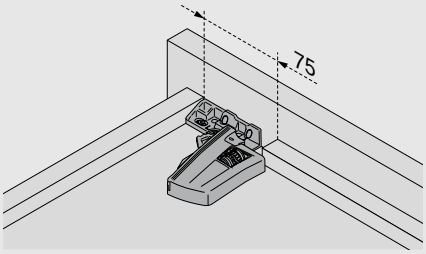


* Additional +12 mm with side stabiliser

Inner drawer



Drawer assembly



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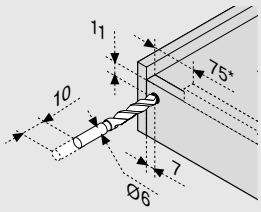
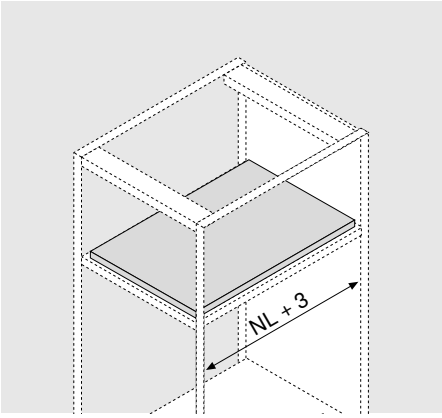


* TIP-ON BLUMOTION 125 mm

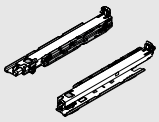
ISKL Inner drawer length
LW Internal cabinet width
NL Nominal length
SKL Drawer depth
SKW Internal drawer width
X Front thickness

760H – pull-out shelf – base fixing

- Concealed full extension
- Includes integrated, switchable BLUMOTION S for soft and effortless closing, and can be combined with SERVO-DRIVE or TIP-ON BLUMOTION
- Synchronised feather-light glide
- BLUMATIC self-closing feature
- Tool-free side, height and tilt adjustment
- Optional tool-free depth adjustment
- Built-in width and depth tolerance compensation
- For base fixing/fixed shelf fixing
- Cannot be combined with pull-out shelf lock



Ordering information

1	Left/right runners for base fixing	
		BLUMOTION S*
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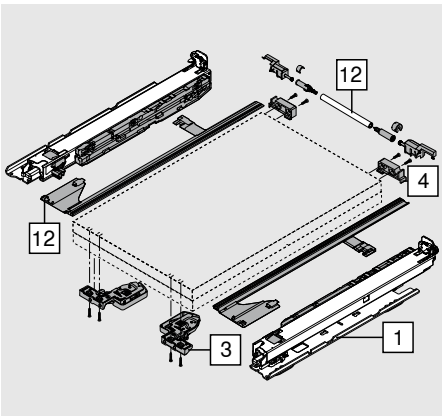
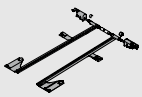
	*Suitable for SERVO-DRIVE and TIP-ON BLUMOTION	



3	Locking device left/right		
	Material	Nylon/steel	
	Colour	Orange	
	Left/right must be ordered separately		T51.7601

4	Back fixing bracket		
	Material	Nylon	
	Colour	Natural	
			T51.7000.01

Accessories

12	Side stabiliser set	
	For KB 1400 mm for cutting to size	
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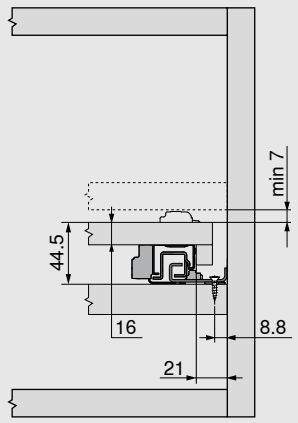
	600	ZS7M600MU
	750	ZS7M750MU
	Shaft cutting dimensions: Internal cabinet width (LW) – 315 mm	
	Gear rack cutting: NL + 10 mm	

NL Nominal length

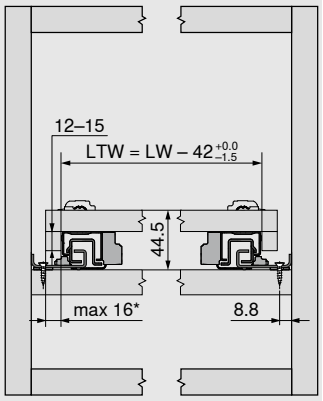
760H – pull-out shelf – base fixing

Planning

Space requirements in the cabinet

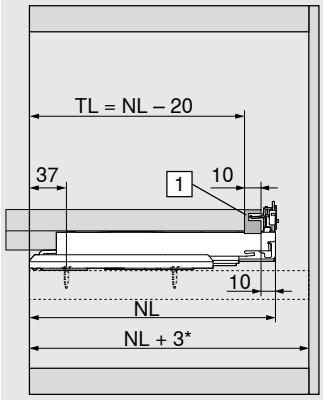


Pull-out shelf



* Limited side adjustment for a side panel thickness of 16 mm on the pull-out shelf, but with full tolerance utilisation of the internal pull-out shelf width

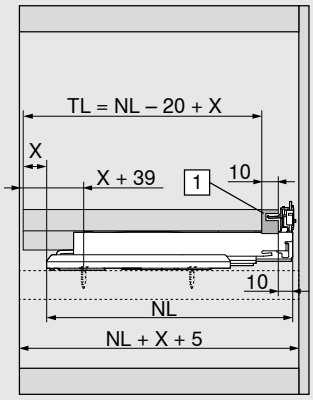
Pull-out shelf



1) Back fixing bracket T51.7000.01

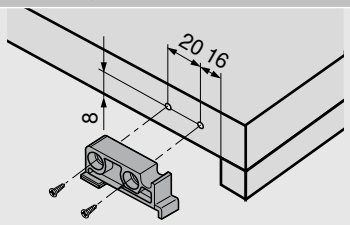
* Additional +12 mm with side stabiliser

Inset pull-out shelf

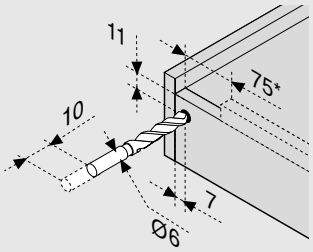


1) Back fixing bracket T51.7000.01

Pull-out shelf assembly



Back fixing bracket assembly

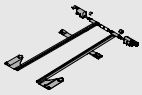


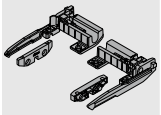
* TIP-ON BLUMOTION 125 mm

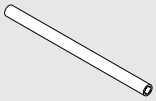
LTW Internal pull-out shelf width
LW Internal cabinet width
NL Nominal length
TL Pull-out shelf length
X pull-out shelf front piece thickness

Accessories

	Back fixing bracket	
	Material	Nylon
	Colour	Natural
		T51.7000.01

	Side stabiliser set	
	For KB 1400 mm for cutting to size	
	For NL up to (mm)	
	400	**ZS7M400MU**
	600	**ZS7M600MU**
	750	**ZS7M750MU**
	Shaft cutting dimensions: Internal cabinet width (LW) – 315 mm	
	Gear rack cutting: NL + 10 mm	

	Pull-out shelf lock (set)	
	**Material**	Nylon
	Colour	Orion grey matt
	Consisting of: 2x locking unit* 2x latching element 1x installation instructions	
		295H5700
	Fixing with chipboard screws Ø 3.5 x 15 mm, part no. 609.1500 or system screws, part no. 661.1450.HG	
	*Fixing only possible with chipboard screws	

	Pull-out shelf lock – synchronisation shaft		
	**Material**	Aluminium	
	Colour	Natural	
	For cutting to size		**ZST.1089W**
		Optional	**ZST.1160W**
	Suitable for cabinet width up to KB 1200 mm		
	Cutting dimensions: LW – 87 ± 1 mm		
	Pull-out shelf lock can be released with one hand thanks to synchronisation		

KB Cabinet width
LW Internal cabinet width
NL Nominal length

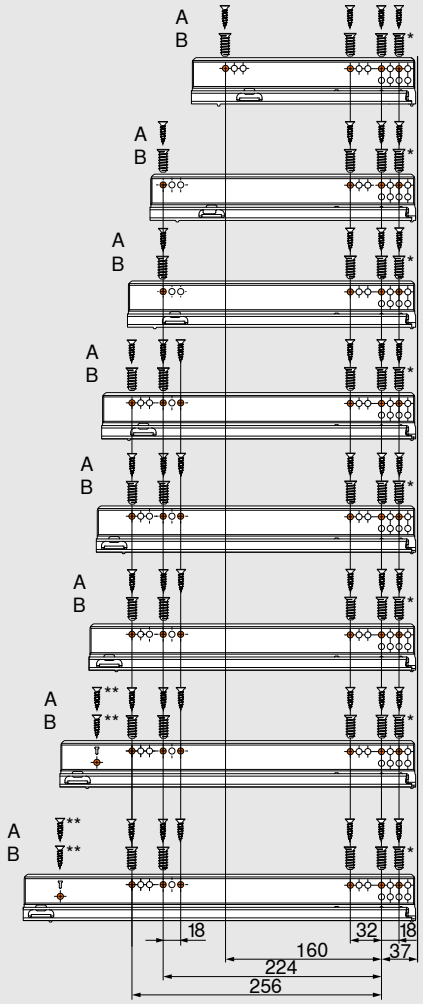
You can find further information on the pull-out shelf lock in EP-476 Pull-out shelf lock

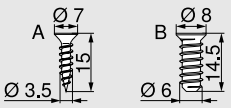
Attachment of runners – BLUMOTION S and TIP-ON

Runner 760H – 40 kg

NL (mm)

NL 250–270
NL 300–320
NL 350
NL 380–480
NL 500
NL 520
NL 550
NL 600





A	Chipboard screw Ø 3.5 x 15 mm part no. 609.1500
B	System screw Ø 6 x 14.5 mm part no. 661.1450.HG

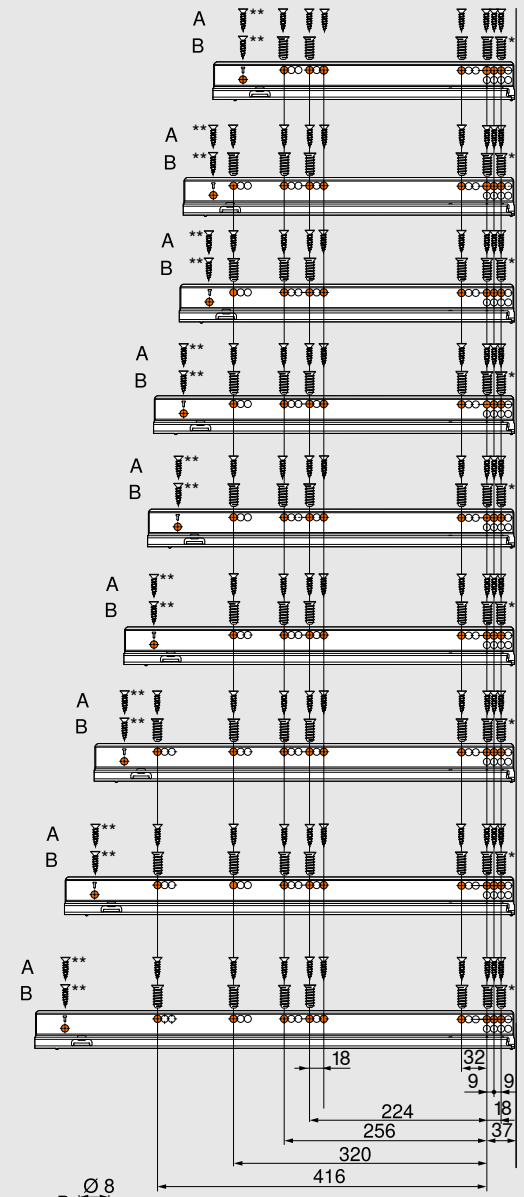
*Can be replaced with chipboard screw Ø 4 x 15 mm

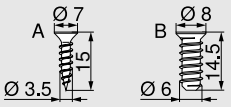
**Rearmost fixing position ensures optimal stability.

Runner 766H – 60/70 kg

NL (mm)

NL 450
NL 500
NL 520
NL 550
NL 580
NL 600
NL 650
NL 700
NL 750





A	Chipboard screw Ø 3.5 x 15 mm part no. 609.1500
B	System screw Ø 6 x 14.5 mm part no. 661.1450.HG

*Can be replaced with chipboard screw Ø 4 x 15 mm

**Rearmost fixing position ensures optimal stability.

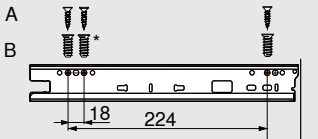
NL Nominal length

Attachment of runners – base fixing

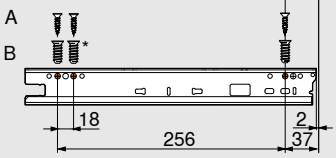
Runner – 760H – 40 kg

NL (mm)

NL 350–450



NL 500



A Chipboard screw Ø 3.5 x 15 mm part no. 609.1500

B System screw Ø 6 x 14.5 mm part no. 661.1450.HG

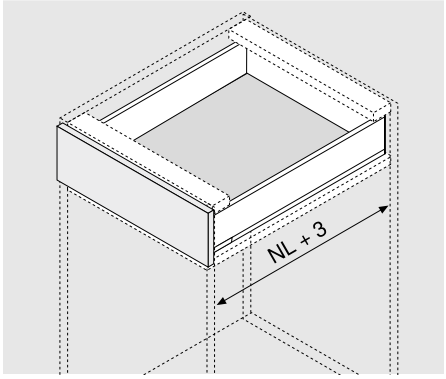
*Can be replaced with chipboard screw Ø 4 x 15 mm

NL Nominal length

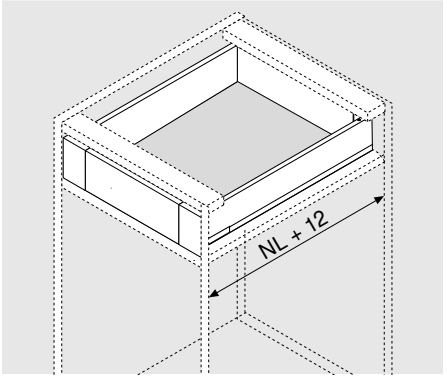
TIP-ON BLUMOTION

- TIP-ON mechanical opening support system combined with BLUMOTION for soft and effortless closing
- Dynamic carrying capacity of 40 kg and 70 kg
- Synchronised feather-light glide
- Small minimum front gap of just 2.5 mm
- Extensive trigger range
- Synchronisation with internal cabinet width of 265 mm or more
- 4-dimensional front adjustment option

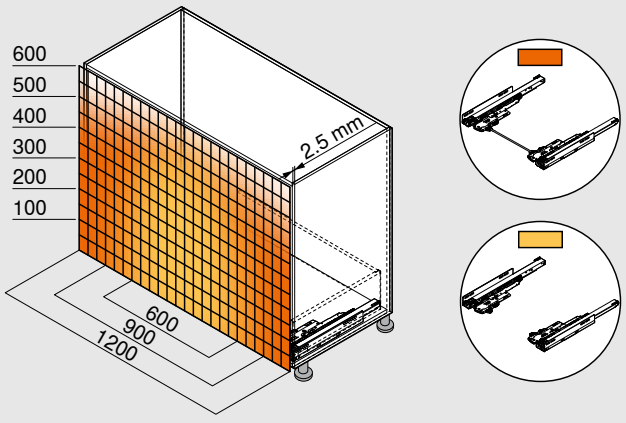
Drawer/high fronted pull-out



Inner drawer/pull-out



TIP-ON BLUMOTION synchronisation



Example for 760H, nominal length NL 500 mm, four sided drawer, with and without synchronisation

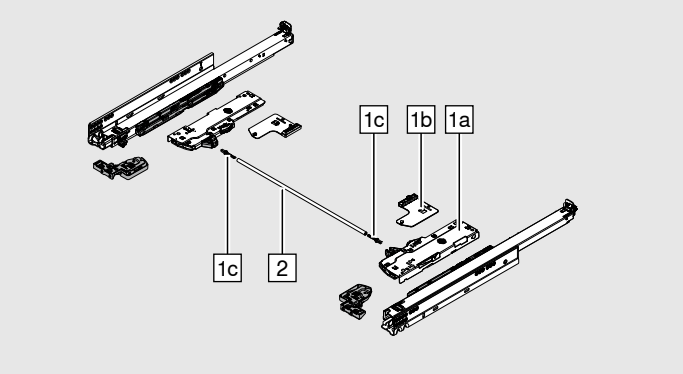
An extensive trigger range is achieved even with a small minimum front gap of 2.5 mm. To achieve optimal function and to extend the trigger range, we recommend using a synchronisation linkage.

With synchronisation

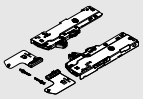
Without synchronisation

LW Internal cabinet width
NL Nominal length

TIP-ON BLUMOTION



Make the right calculations for your TIP-ON BLUMOTION unit using the product configurator: **www.blum.com/configurator**

1	TIP-ON BLUMOTION set			
	**Consisting of:** **1a** | 2 x TIP-ON BLUMOTION unit **1b** | 2 x TIP-ON BLUMOTION latch **1c** | 2 x synchronisation adapter			
	NL (mm)	**Unit**	**Weight (kg)***	
	270–320	S0	≤ 10	**T60L7040**
		S1	> 10–20	**T60L7140**
	350–750	L1**	≤ 20	**T60L7340**
		L3	15–40	**T60L7540**
		L5***	35–70	**T60L7570**

2	TIP-ON BLUMOTION synchronisation linkage	
	Possible for LW ≥ 314 mm	
	Suitable for LW up to 1370 mm	
		T60.1125W
	Shaft cutting: LW - 267 mm	

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

For short LWs (alternative to 2)

	TIP-ON BLUMOTION one-part synchronisation	
	Symmetrical	
	LW 265–313 mm	**T60.300D**
	Cutting: LW - 241 mm	

Accessories

TIP-ON BLUMOTION synchronisation adapter		
	Symmetrical	
	When used with **2**, two pieces required each time	
	LW ≥ 314 mm	**T60.000D**

TIP-ON BLUMOTION front gap template		
	For adjusting the front gap to 2.5 mm on both sides	
		65.5631
	Use of the front gap template is recommended!	

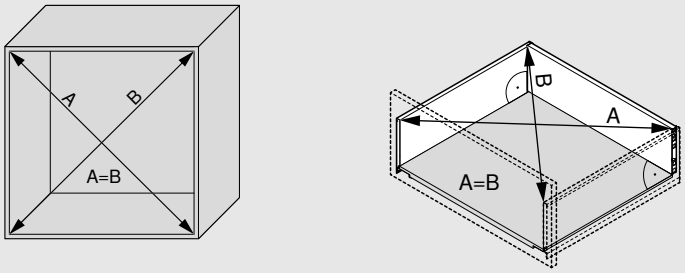
LW Internal cabinet width
NL Nominal length

* Recommended weight ranges (total weight of pull-out) for optimum opening and closing function
** Can only be combined with 40 kg runner (760H)
*** Can only be combined with 60/70 kg runner (766H)

TIP-ON BLUMOTION

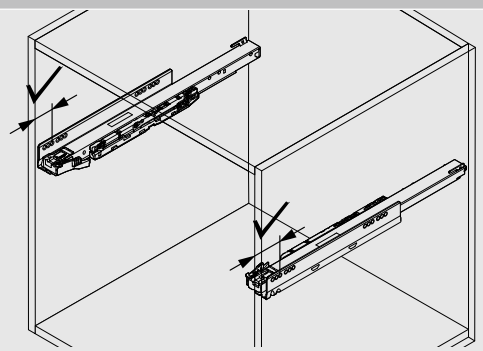
Planning

Furniture construction



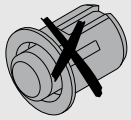
Precise manufacturing is required to ensure a front gap of at least 2.5 mm. This means that the construction must adhere to the dimensions and angles planned.

Depth position



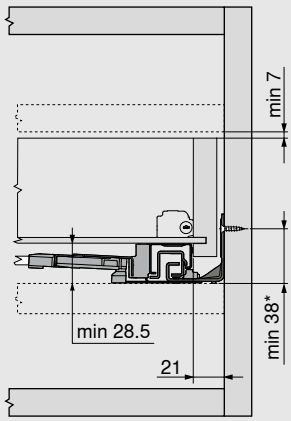
Ensure that both runners are positioned at the correct depth.

Front assembly



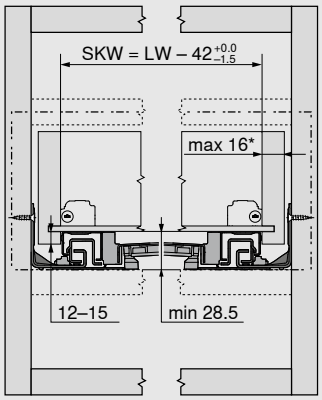
Bumpers must not be installed for TIP-ON BLUMOTION!

Space requirements in the cabinet



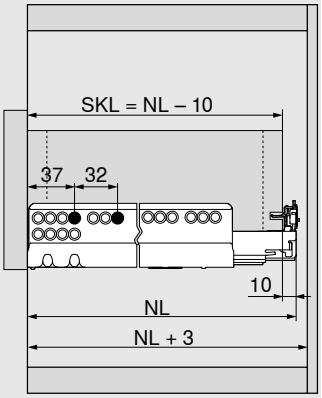
* + 1 mm for assembly of the runners prior to cabinet assembly

Drawer/ inner drawer

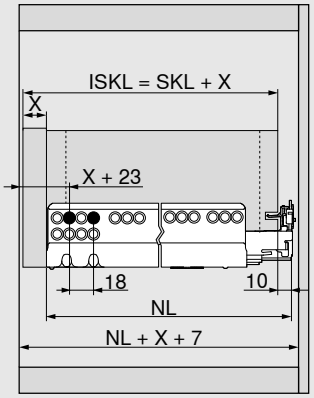


* Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal drawer width

Drawer

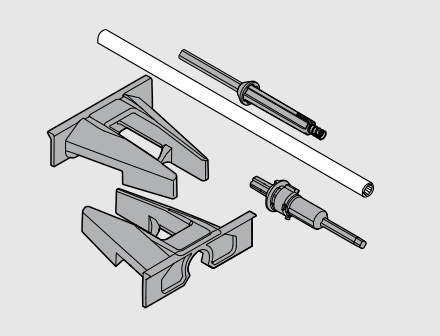


Inner drawer

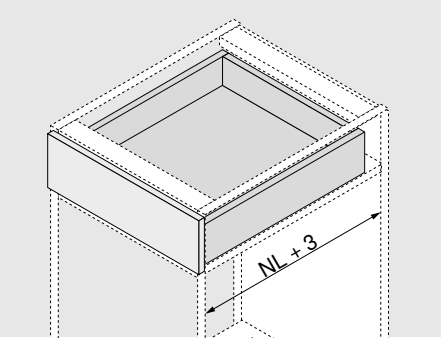


ISKL Inner drawer length
LW Internal cabinet width
NL Nominal length
SKL Drawer depth
SKW Internal drawer width
X Front thickness

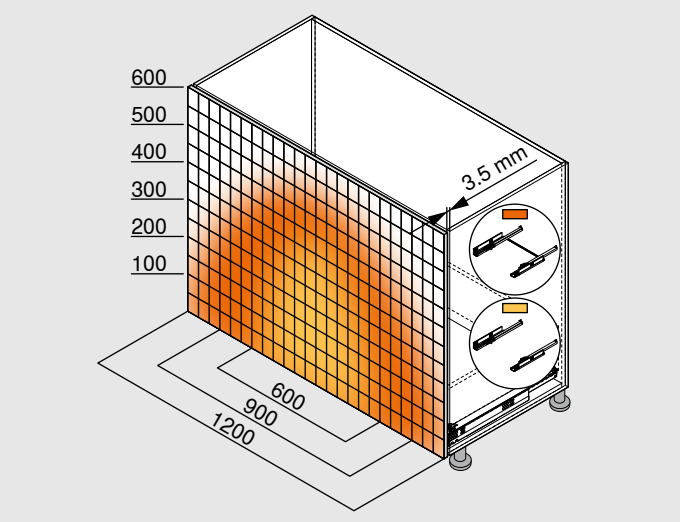
TIP-ON synchronisation

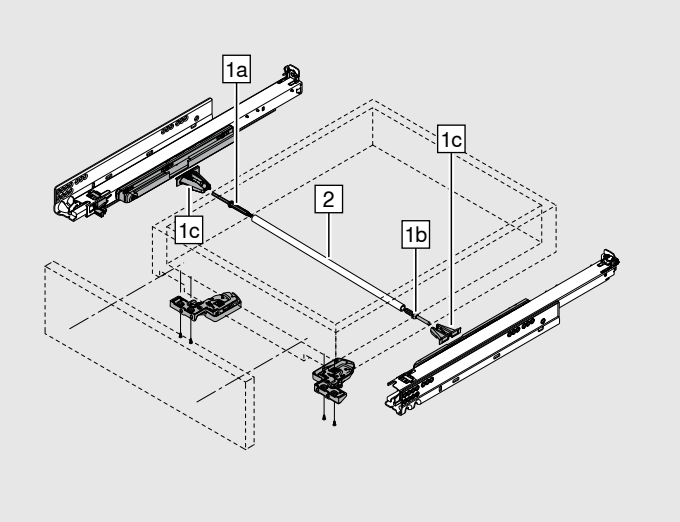


- Synchronisation for secure opening and closing for MOVENTO with TIP-ON
- To enlarge the trigger range on the pull-out front
- Recommended for cabinet widths of 600 mm or more
- Front gap 3.5 mm

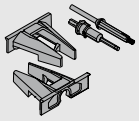


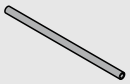
TIP-ON synchronisation





Order specification

1	TIP-ON synchronisation pinion set		
	**Consisting of:** **1a** | 1 x locking device **1b** | 1 x overload locking device **1c** | 2 x attachments		
	Colour	RAL 7037 dust grey	
	Version	Round	
			T57.7400.01

2	TIP-ON synchronisation linkage		
	**Material**	Aluminium	
	Version	Round	
	For cutting to size, 1160 mm		**ZST.1160W**
	Shaft cutting: LW - 249 mm		

LW Internal cabinet width
NL Nominal length
KB Cabinet width

Assembly, adjustment and removal
www.blum.com/movento1

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