

# MOVENTO runner system

The evolution of motion

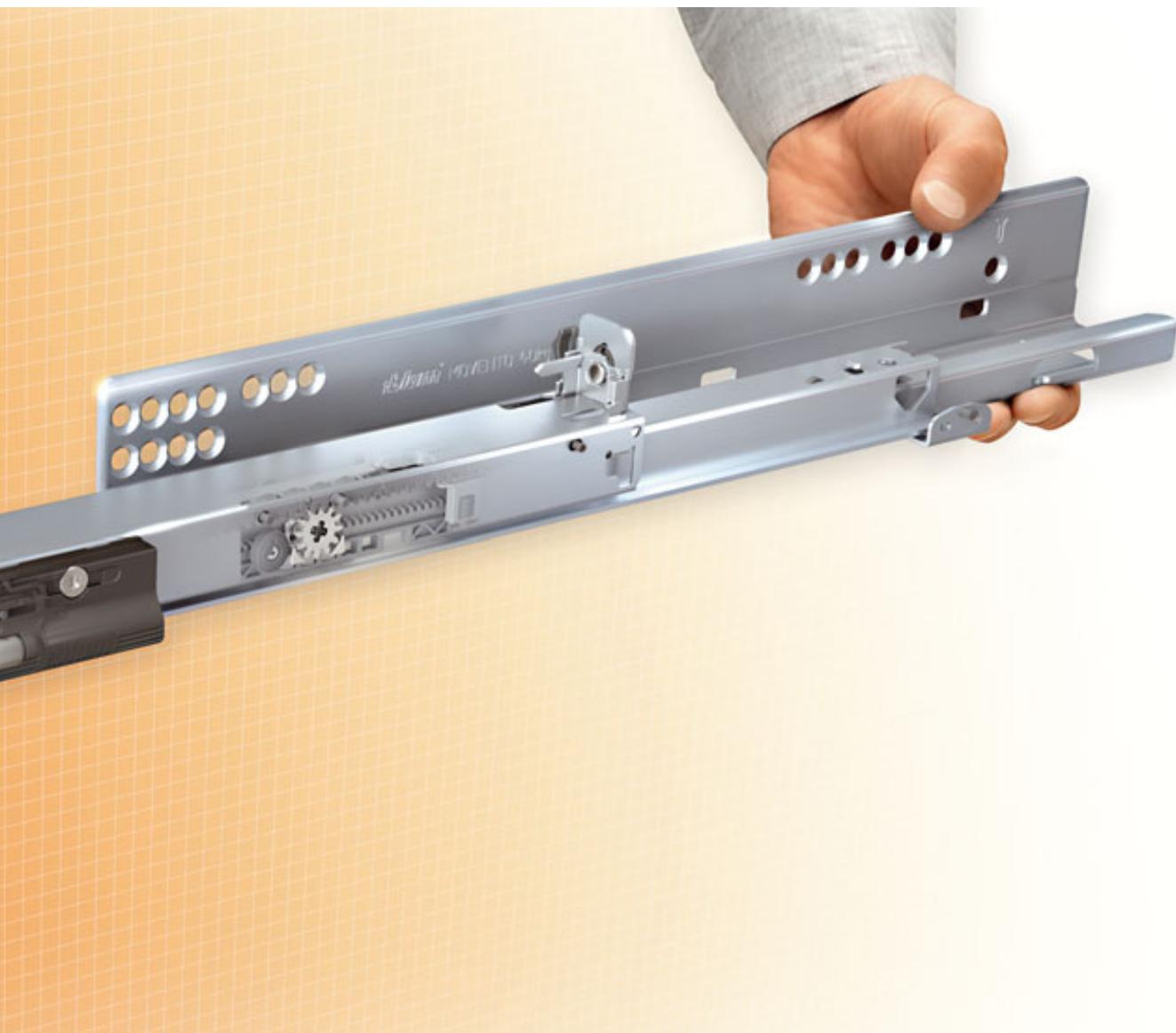
# MOVENTO – The evolution of motion



Perfecting motion – This motto has always been the driving force behind the development of our products. We have taken another step forward in this direction with our new runner system MOVENTO: it provides an even more precise runner movement, synchronised, smooth running action as well as new adjustment options.



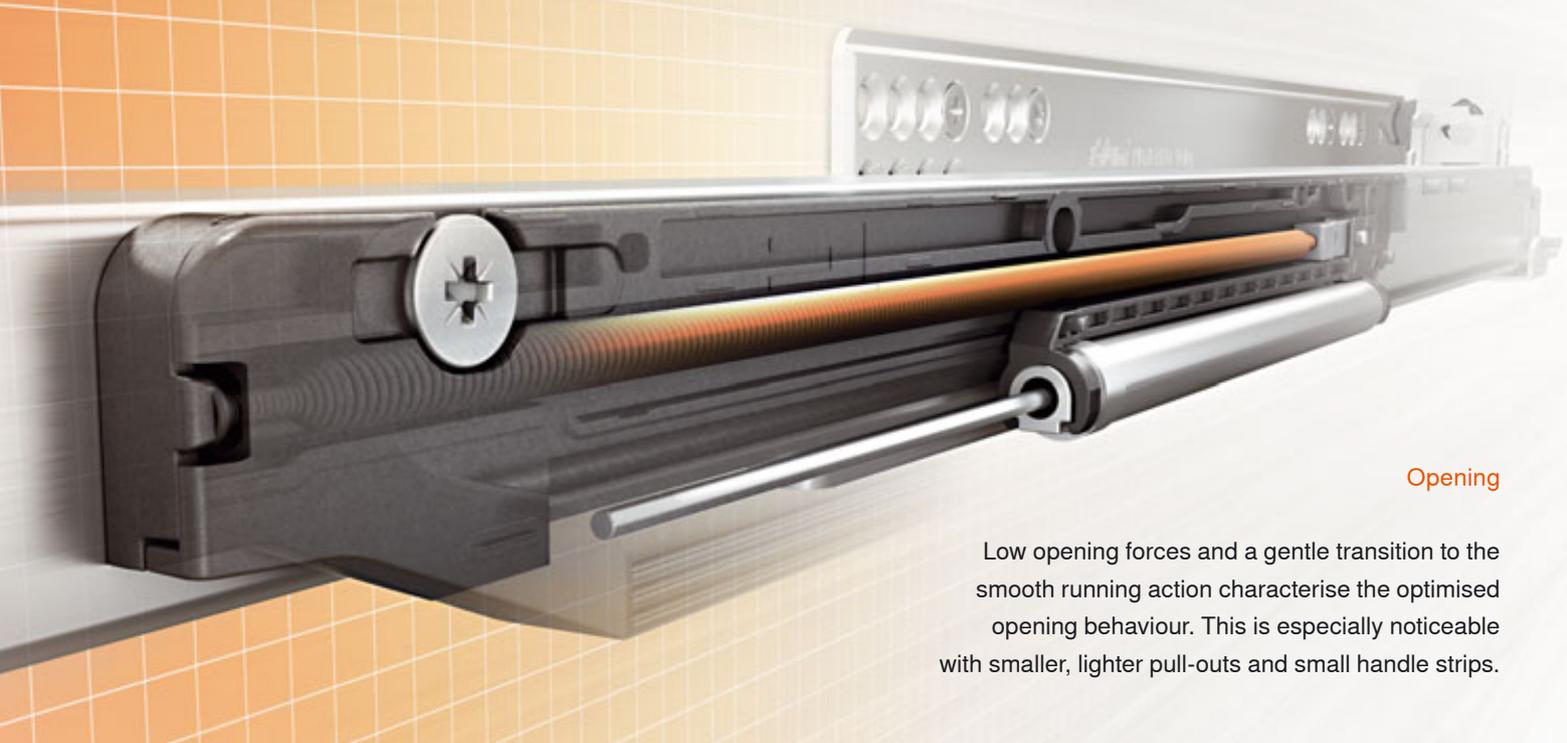
MOVENTO – The evolution of motion  
See for yourself at [www.blum.com](http://www.blum.com)



## Content

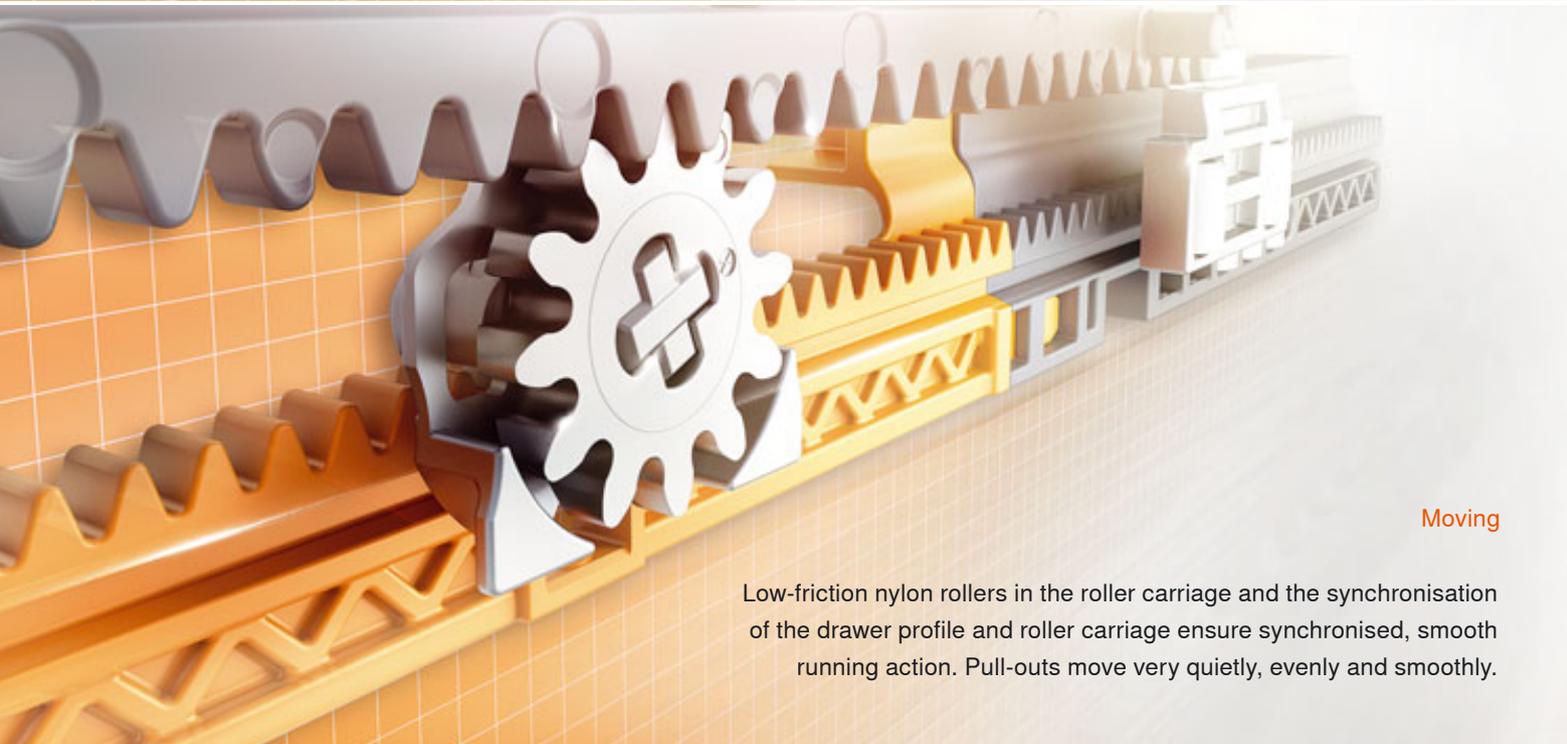
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### Opening

Low opening forces and a gentle transition to the smooth running action characterise the optimised opening behaviour. This is especially noticeable with smaller, lighter pull-outs and small handle strips.



### Moving

Low-friction nylon rollers in the roller carriage and the synchronisation of the drawer profile and roller carriage ensure synchronised, smooth running action. Pull-outs move very quietly, evenly and smoothly.



### Closing

Regardless of how large or heavy the pull-out or how much force is used for closing: Our proven BLUMOTION technology adapts and always ensures silent and effortless closing action.

# 4-dimensional adjustment

## New adjustment dimensions

With MOVENTO, the front can now be adjusted to the side and in the depth along with the height and tilt. Depth adjustment is optional for furniture with inset fronts. An exact gap design can be achieved quickly, easily and tool-free. In addition, no drawer modification is required.



MOVENTO – 4-dimensional adjustment  
See for yourself at [www.blum.com](http://www.blum.com)



Even narrow gaps can be precisely aligned: thanks to 4-dimensional adjustment



1 Side adjustment – carried out via the locking device, a correction to the side adjustment is carried out, if required, behind the runner.



2 Height adjustment



3 Tilt adjustment



4 Depth adjustment



# Carrying capacity and stability

More possibilities: Thanks to load bearing classes of 40 kg and 60 kg

MOVENTO is available in a 40 kg or 60 kg load bearing class. This opens up numerous possibilities for furniture design such as the use of extra-wide, high and deep pull-outs. This creates lots of storage space that can be filled with heavy items.

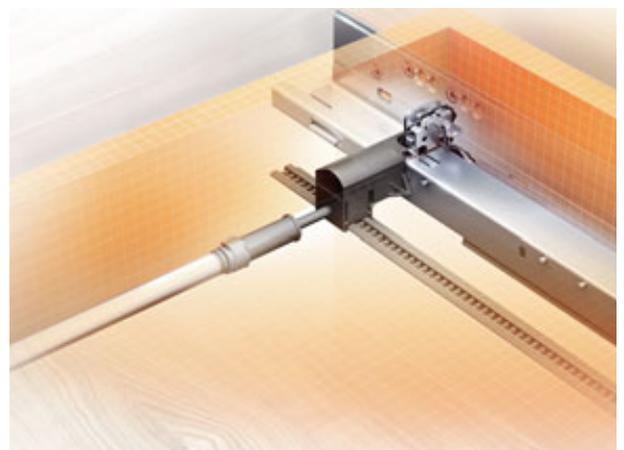


More possibilities: Thanks to high stability

The MOVENTO runner is characterised by high stability and excellent sag values. This is a real advantage for applications that are close to the floor. The optional side stabilisation, which is invisible to the furniture user, is ideal for wide pull-outs with short nominal lengths. No manufacturing changes are required for the cabinet or the drawer. The side stabilisation can be combined with the SERVO-DRIVE and TIP-ON opening support systems.



Side stabiliser for MOVENTO  
See for yourself at [www.blum.com](http://www.blum.com)



For a high degree of side stability: Our side stabilisation developed specially for wide pull-outs

# SERVO-DRIVE

## SERVO-DRIVE

inside

The MOVENTO runner with optional SERVO-DRIVE function

## BLUMOTION

inside

Our electrical opening support system SERVO-DRIVE is also an option for the MOVENTO runner with integrated BLUMOTION. It makes opening fascinatingly simple: A light touch is all that's required. This is especially practical for handle-less furniture.

In order to equip the entire kitchen with only one system, SERVO-DRIVE is also available for our AVENTOS lift systems. And whether it's pull-outs or lift systems: BLUMOTION provides silent and effortless closing action.



# TIP-ON

## The MOVENTO runner with optional TIP-ON function



MOVENTO is also available in a version with an integrated TIP-ON function. The integration of the TIP-ON mechanical opening support system ensures that there is no additional space required at the bottom or the back.

For opening, a light press on the handle-less front; for closing, a light push. A synchronisation option is also available (tool-free installation) for secure triggering even for extra-wide fronts. No additional assembly required for the drawer or cabinet.





# Applications



MOVENTO opens up numerous design options: e.g. frontals near to the floor, which can be realised thanks to the high stability and the excellent sag values.

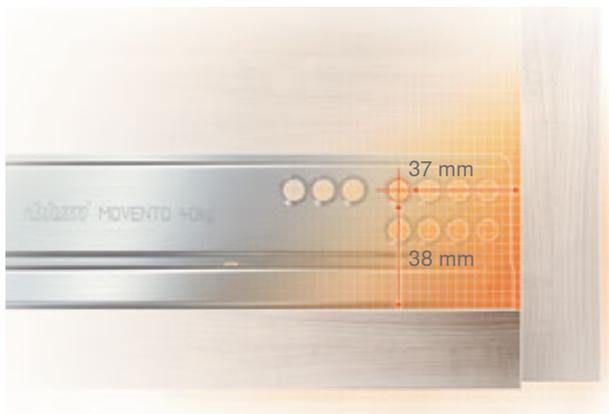


## MOVENTO for any living area

MOVENTO was designed specially for the high demands of everyday kitchen use, i.e. for heavy storage items, and frequent opening and closing. However, it is also a good match in any other living area, providing a carrying capacity up to 40 kg and 60 kg, high stability and good runner action.



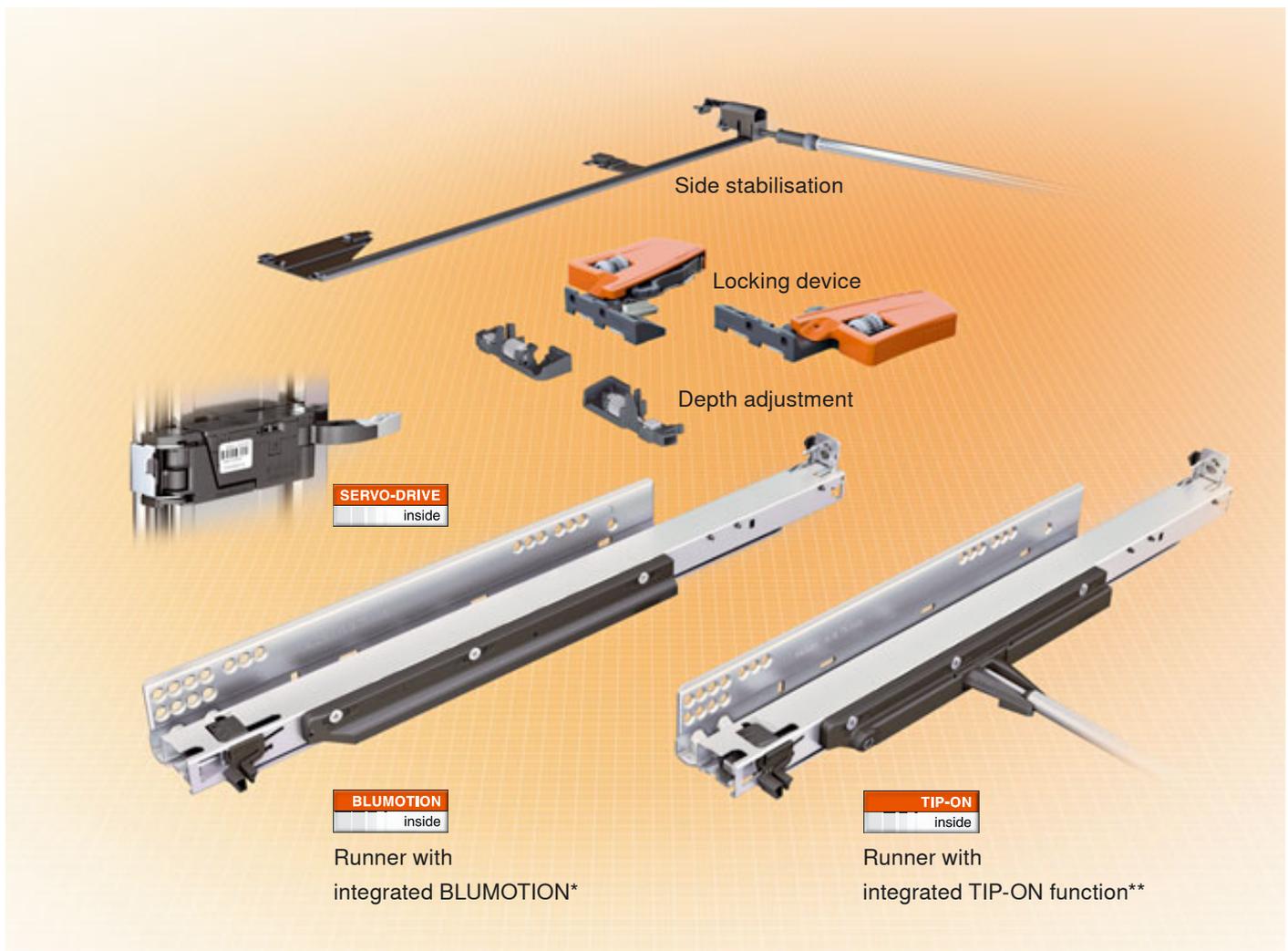
# Easy assembly



Our development goal: The same fixing position

MOVENTO offers an extensive programme with many options. Assembly is always uniform. Regardless of whether you are combining the runner with BLUMOTION, SERVO-DRIVE, TIP-ON or side stabilisation: The drilling pattern and fixing positions of the cabinet profile always remain the same.

## The possibilities with MOVENTO



\*Can be combined with SERVO-DRIVE and side stabilisation

\*\*Can be combined with side stabilisation

# Assembly devices



## Continue to use existing devices

Our existing assembly devices can also be used for MOVENTO. Our assembly templates, stops, drilling and insertion machines help ensure fast, simple and easy assembly.

# Order specification

| 1  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Runners left/right |           |                                     |        |
|--|--------------------------|-------------------------------------|--------------------|-----------|-------------------------------------|--------|
|  |                          |                                     |                    |           |                                     |        |
|  |                          | <input type="checkbox"/>            | BLUMOTION          |           | <input checked="" type="checkbox"/> | TIP-ON |
| NL   |                          | 40 kg                               |                    | 60 kg     |                                     |        |
| 250 mm   |                          | 760H2500B                           |                    | 760H2500T |                                     |        |
| 270 mm   |                          | 760H2700B                           |                    | 760H2700T |                                     |        |
| 300 mm   |                          | 760H3000B                           |                    | 760H3000T |                                     |        |
| 320 mm   |                          | 760H3200B                           |                    | 760H3200T |                                     |        |
| 350 mm   |                          | 760H3500B                           |                    | 760H3500T |                                     |        |
| 380 mm   |                          | 760H3800B                           |                    | 760H3800T |                                     |        |
| 400 mm   |                          | 760H4000B                           |                    | 760H4000T |                                     |        |
| 420 mm   |                          | 760H4200B                           |                    | 760H4200T |                                     |        |
| 450 mm   |                          | 760H4500B                           | 766H4500B          | 760H4500T | 766H4500T                           |        |
| 480 mm   |                          | 760H4800B                           |                    | 760H4800T |                                     |        |
| 500 mm   |                          | 760H5000B                           | 766H5000B          | 760H5000T | 766H5000T                           |        |
| 520 mm   |                          | 760H5200B                           | 766H5200B          | 760H5200T | 766H5200T                           |        |
| 550 mm   |                          | 760H5500B                           | 766H5500B          | 760H5500T | 766H5500T                           |        |
| 580 mm   |                          |                                     | 766H5800B          |           | 766H5800T                           |        |
| 600 mm   |                          | 760H6000B                           | 766H6000B          | 760H6000T | 766H6000T                           |        |
| 650 mm   |                          |                                     | 766H6500B          |           | 766H6500T                           |        |
| 700 mm   |                          |                                     | 766H7000B          |           | 766H7000T                           |        |
| 750 mm   |                          |                                     | 766H7500B          |           | 766H7500T                           |        |

| 1  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Runners left/right for base mounting |  |                                     |        |
|--|--------------------------|-------------------------------------|--------------------------------------|--|-------------------------------------|--------|
|  |                          |                                     |                                      |  |                                     |        |
|  |                          | <input type="checkbox"/>            | BLUMOTION                            |  | <input checked="" type="checkbox"/> | TIP-ON |
| NL   |                          | 40 kg                               |                                      |  |                                     |        |
| 350 mm   |                          | 760H3500BU                          |                                      |  |                                     |        |
| 400 mm   |                          | 760H4000BU                          |                                      |  |                                     |        |
| 450 mm   |                          | 760H4500BU                          |                                      |  |                                     |        |
| 500 mm   |                          | 760H5000BU                          |                                      |  |                                     |        |

| 2   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Locking device with side adjustment |          |  |
|---|--------------------------|-------------------------------------|-------------------------------------|----------|--|
|  |                          |                                     |                                     |          |  |
|   |                          | Nylon/Steel                         | Orange                              | T51.7601 |  |
|   |                          | Order left/right                    |                                     |          |  |

BLUMOTION

TIP-ON

KB Cabinet width

LW Inner cabinet width

NL Nominal length

| 3   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Depth adjustment left/right (optional) |          |  |
|---|--------------------------|-------------------------------------|--|----------|--|
|  |                          |                                     |  |          |  |
|   |                          | Nylon                               | RAL 7037 dust grey                     | 298.7600 |  |
|   |                          | For MOVENTO with BLUMOTION          |  |          |  |
|   |                          | Only for inset application          |  |          |  |
|   |                          | SERVO-DRIVE bumper included         |  |          |  |
|   |                          | Suitable for T51.7601               |  |          |  |

| 4a  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | TIP-ON synchronisation pinion set (optional) |          |  |
|---|-------------------------------------|--------------------------|--|----------|--|
|  |                                     |                          |  |          |  |
|   |                                     | Nylon                    | RAL 7037 dust grey                           | T57.7400 |  |

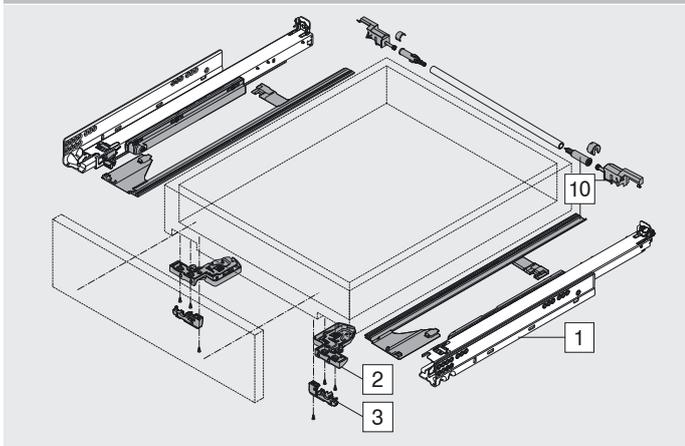
| 4b  | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                     | TIP-ON synchronisation linkage (optional) |           |  |
|---|-------------------------------------|--|---|-----------|--|
|  |                                     |  |   |           |  |
|   |                                     | Aluminium  |   | ZST.1137W |  |
|   |                                     | For cutting to size, 1.137 mm, for cabinet width KB 1.400 mm |   |           |  |
|   |                                     | Cutting  | Inner cabinet width LW - 229 mm           |           |  |

| 10  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Side stabilisation set          |           |  |
|---|--------------------------|-------------------------------------|---------------------------------|-----------|--|
|  |                          |                                     |                                 |           |  |
|   |                          | For KB 1.400 mm for cutting to size |                                 |           |  |
|   |                          | For NL up to 400 mm                 |                                 | ZS7.400MU |  |
|   |                          | For NL up to 600 mm                 |                                 | ZS7.600MU |  |
|   |                          | For NL up to 750 mm                 |                                 | ZS7.750MU |  |
|   |                          | Cutting                             | Inner cabinet width LW - 295 mm |           |  |

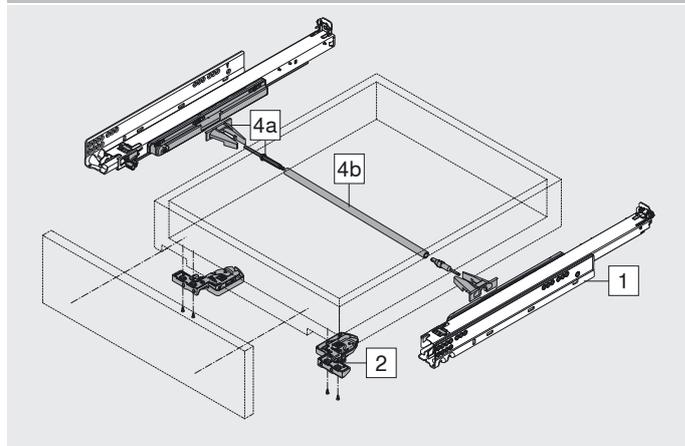
|   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Longside gallery rail with back fixing left/right |               |  |
|---|--------------------------|-------------------------------------|---|---------------|--|
|  |                          |                                     |   |               |  |
| NL  |                          |                                     |   | Chrome plated |  |
| 400 mm  |                          |                                     |   | ZRE.363A.ID   |  |
| 450 mm  |                          |                                     |   | ZRE.413A.ID   |  |
| 480 mm  |                          |                                     |   | ZRE.443A.ID   |  |
| 500 mm  |                          |                                     |   | ZRE.463A.ID   |  |
| 520 mm  |                          |                                     |   | ZRE.483A.ID   |  |
| 550 mm  |                          |                                     |   | ZRE.513A.ID   |  |
| 600 mm  |                          |                                     |   | ZRE.563A.ID   |  |
| 650 mm  |                          |                                     |   | ZRE.613A.ID   |  |

# Planning information

## MOVENTO with BLUMOTION



## MOVENTO with TIP-ON

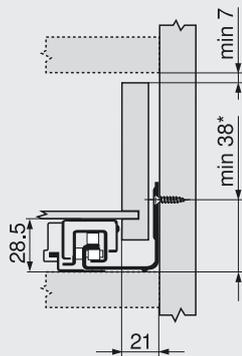


## Drawer/Inner drawer – 760H/766H



### Space requirements in cabinet

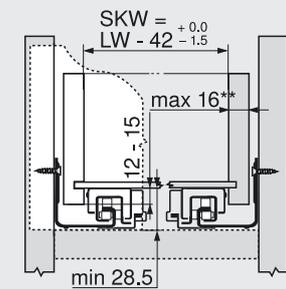
\* See cabinet manufacturing



### Drawer/Inner drawer

SKW Internal drawer width

LW Inner cabinet width

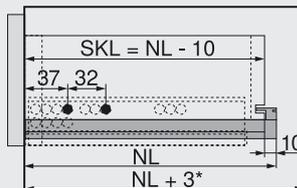


### Drawer

SKL Drawer length

NL Nominal length

\* + an extra 12 mm with side stabiliser



### Inner drawer

ISKL Inner drawer length

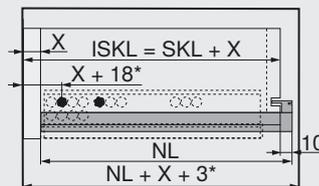
SKL Drawer length

NL Nominal length

X Front thickness

\* + an extra 4 mm with TIP-ON

\*\* + an extra 3 mm with depth adjustment

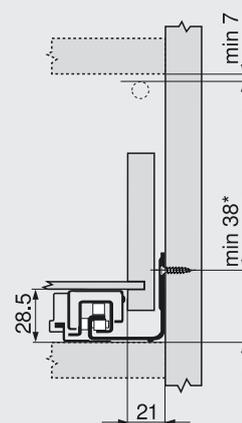


## High fronted pull-out with gallery – 760H/766H

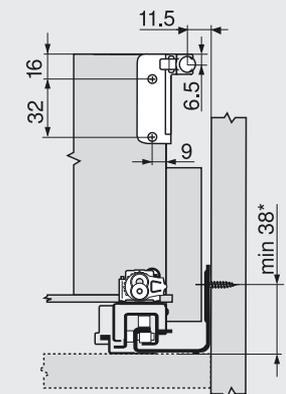


### Space requirements in cabinet

\* See cabinet manufacturing



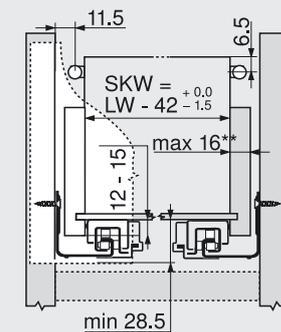
\* See cabinet manufacturing



### High fronted pull-out

SKW Internal drawer width

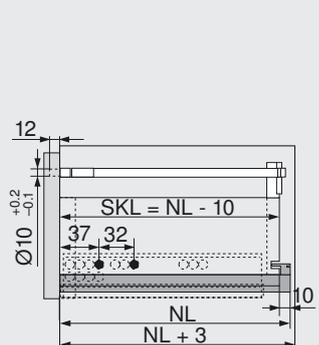
LW Inner cabinet width



### High fronted pull-out

SKL Drawer length

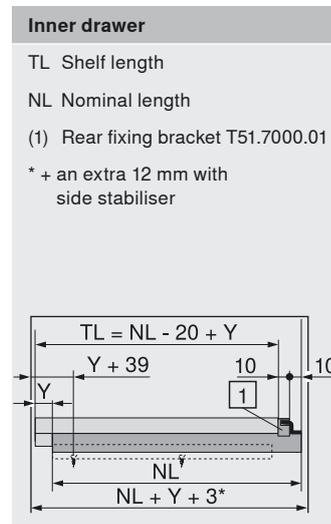
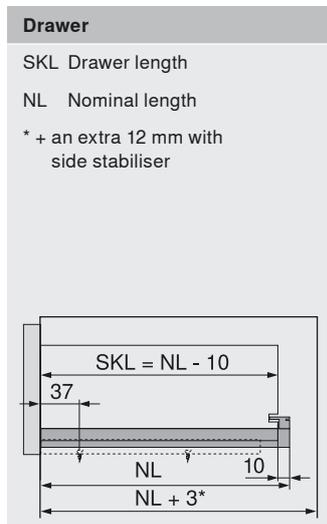
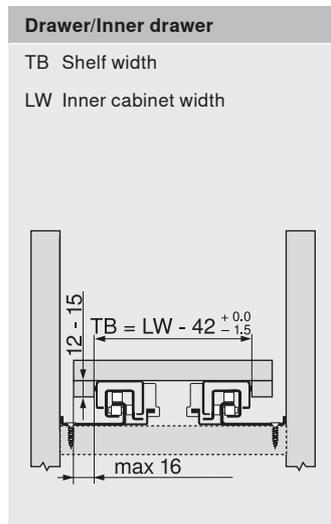
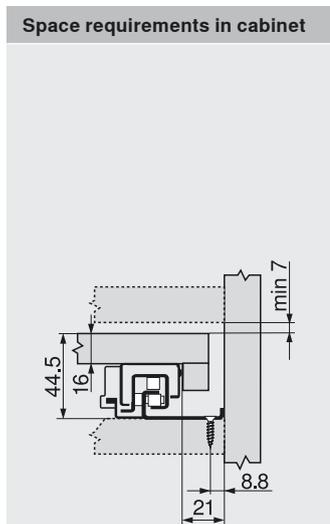
NL Nominal length



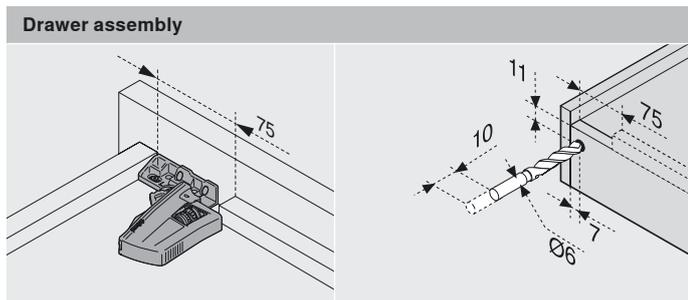
\*\* Limited side adjustment for a drawer side panel thickness of 16 mm, but with full tolerance utilisation of the internal width of the drawer.

# Planning information

## Pull-out shelf – base mounting – 760H

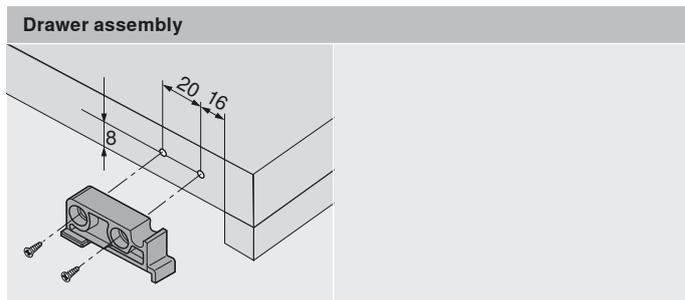


## For all applications



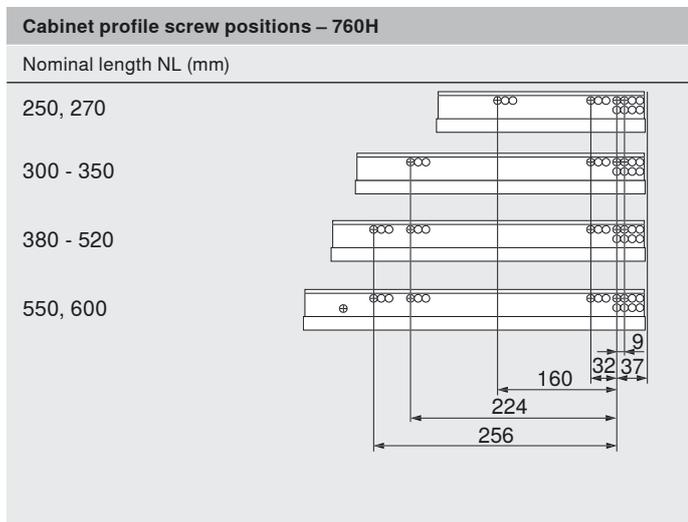
Use drilling template T65.1000.02

## Pull-out shelf

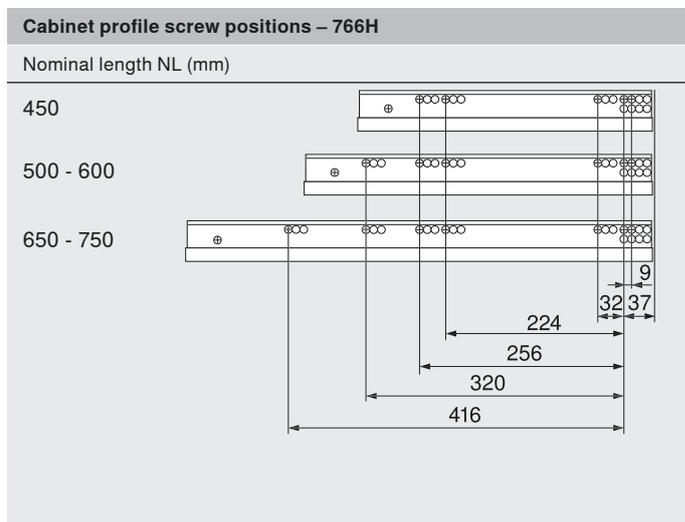


Assembly rear fixing bracket

## Cabinet profiles – 760H/766H



Min. internal cabinet depth = nominal length + 3 mm

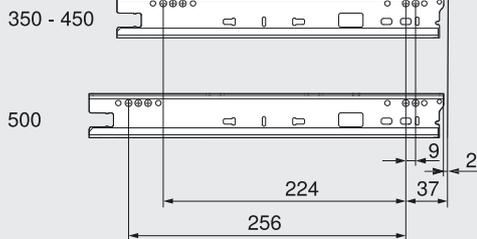


Min. internal cabinet depth = nominal length + 3 mm

## Cabinet profiles – 760H/766H

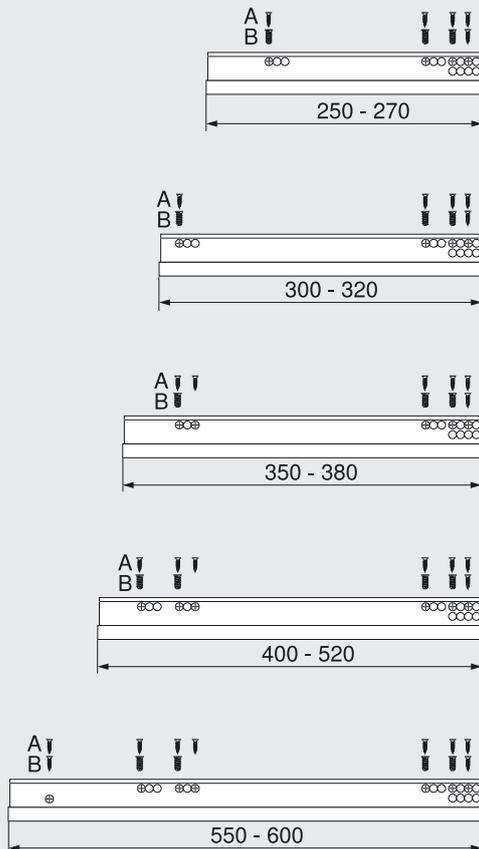
### Cabinet profile screw positions – base mounting – 760H

Nominal length NL (mm)

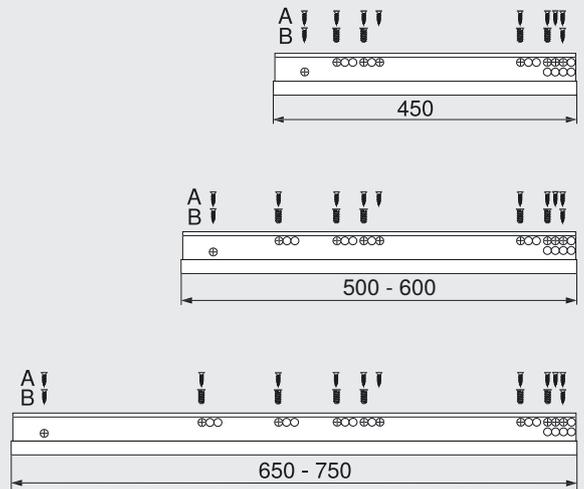


Min. internal cabinet depth = nominal length + 3 mm

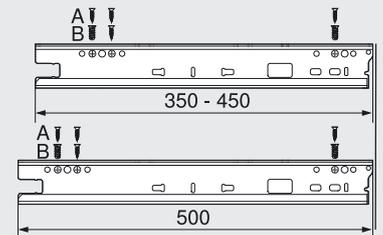
### Cabinet profile – 760H



### Cabinet profile – 766H



### Cabinet profile – base mounting – 760H



### Fixing onto cabinet

A chipboard screw  $\varnothing 3.5 \times 15$  mm

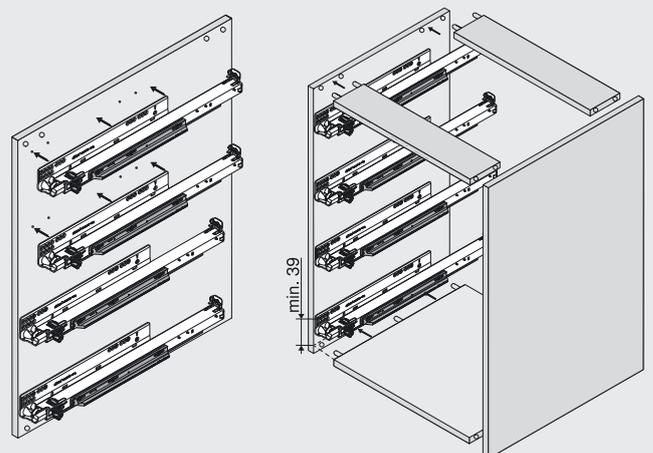
609.1500

B system screw

661.1450.HG

Back fixing position ensures optimal stability

### Cabinet manufacturing

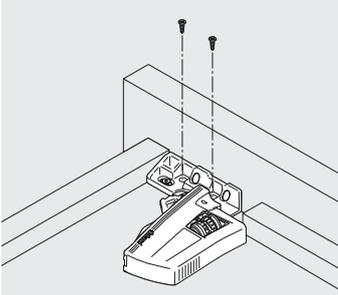


### Note

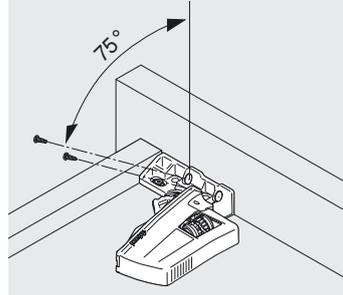
If runners are installed before cabinet is assembled, the height runner fixing position should be increased by at least 1mm (to min 39mm) to allow for tolerances in assembly.

# Assembly, removal and adjustment

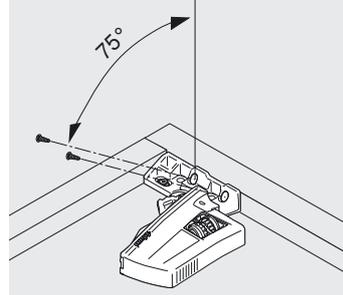
## Locking device



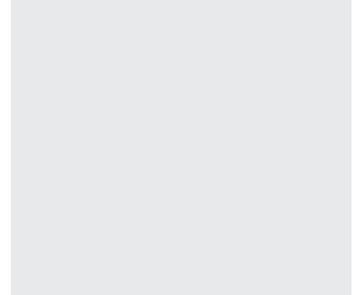
Four sided drawer



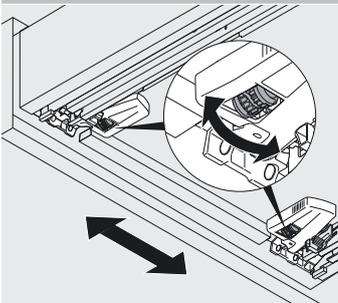
Three sided drawer



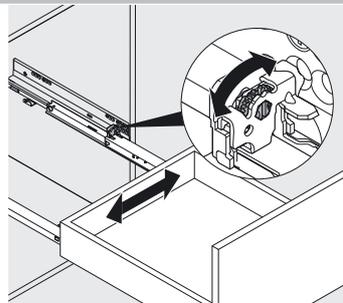
Inner drawer



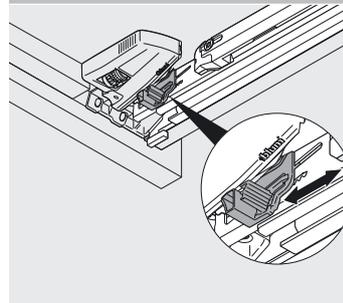
## Adjustment



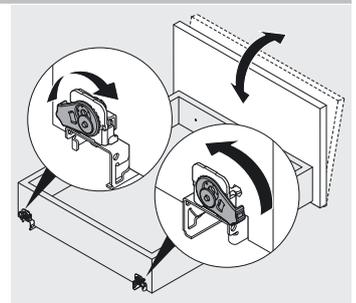
Side adjustment on both sides via the locking device +/- 1.5 mm\*



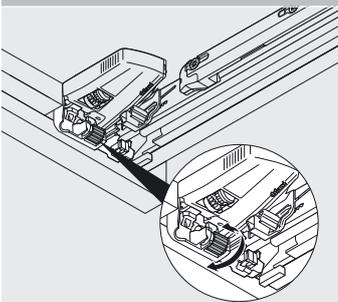
Balance side adjustment via the right, back runner



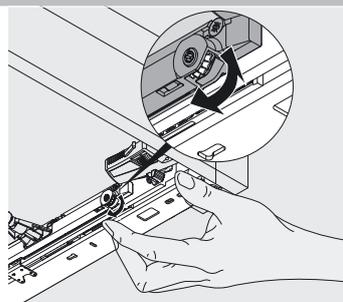
Height adjustment: + 3 mm



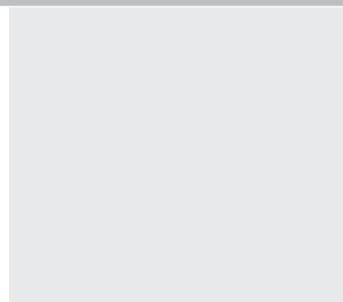
Tilt adjustment



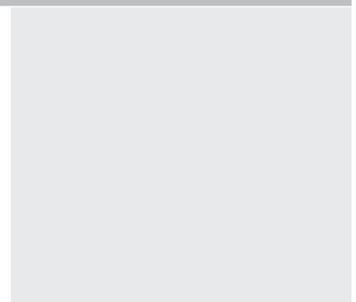
Depth adjustment +/- 2 mm  
MOVENTO with BLUMOTION



Depth adjustment +2/-1 mm  
MOVENTO with TIP-ON

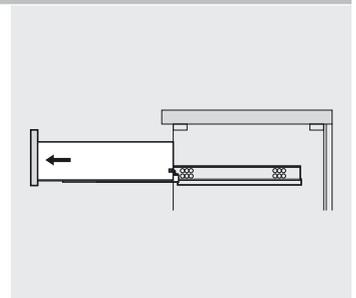
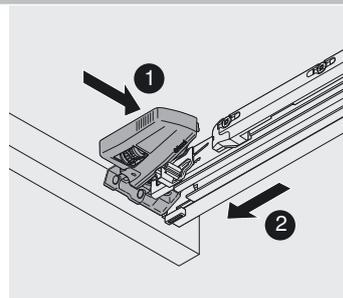
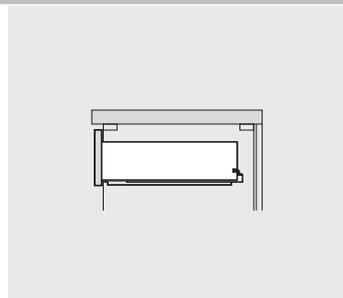
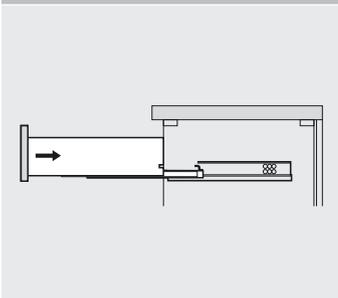


Insertion



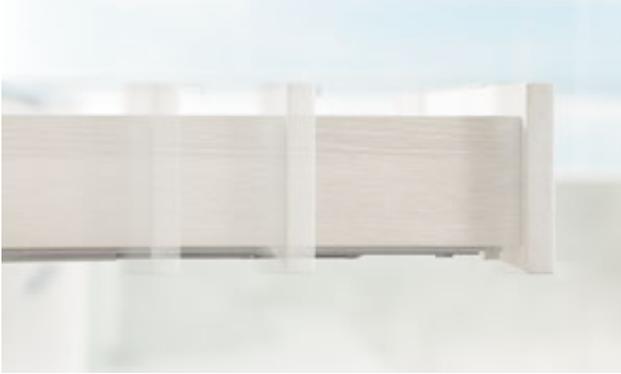
Remove

## Drawer insertion and removal (760H/766H)



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

# MOVENTO advantages at a glance



## Motion

New quality of motion – from opening to closing.



## Gap design

New 4-dimensional easy setting option for an exact gap design.



## Load bearing classes

40 kg and 60 kg carrying capacity, excellent sag values and high stability, can be used in many applications.



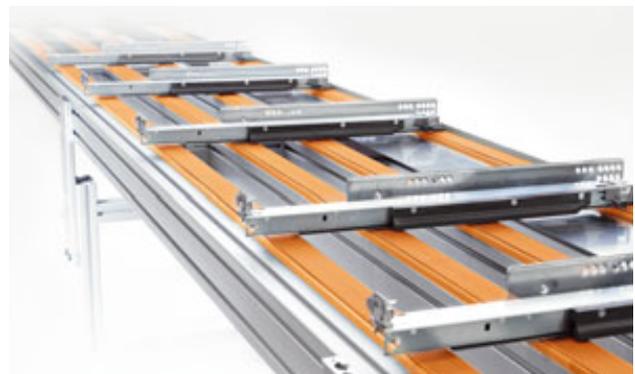
## Handle-less

SERVO-DRIVE or TIP-ON enables handle-less furniture.



## Well-designed

The MOVENTO runner always has the same fixing position.



## Quality

For the lifetime of the furniture.

# The Blum company



**1952**



## The first product

The studs are attached to the horseshoe to prevent slipping.

**1958**



## Introduction into the furniture industry

The ANUBA hinge is the first Blum furniture fitting.

**1964**



## Production start

Concealed furniture hinges are produced.

**1966**



## Roller runner

Production of the roller runner begins.

**1985**



## Assembly technology

CLIP hinges can be attached tool-free thanks to CLIP technology.

# Perfecting motion

Fitting solutions from Blum make the opening and closing of furniture an experience to remember. Therefore, we always work long and hard on the development of our lift, hinge, box and runner systems to ensure perfect motion.



## DYNAMIC SPACE

Blum products help to optimise workflows, gain storage space and offer a high level of comfort – making kitchens more practical.

## Blum in Austria and worldwide

Over 5000 employees support our efforts of perfecting motion. Our fittings are manufactured at ten locations: seven of which are in Austria, the remaining are in the USA, Brazil and Poland. Thanks to international subsidiaries and sales agencies, Blum is near its customers all around the globe.

## Global customer benefits

From furniture manufacturer to user: Each should profit from the advantages of Blum products.



## Quality

Blum products are designed for the requirements of the everyday kitchen and should provide enjoyment for the lifetime of the furniture.



## Innovations

Our fitting solutions should be innovative and make everyday kitchen work easier. Blum conducts much research and the exchange of information with our customers plays an important role here.

## Environment

Protecting the environment is very important at Blum. That's why we use environmentally-friendly processes, intelligent material usage practices and energy-saving measures.



1987



### Box systems

With METABOX, the first Blum box system went into production.

2001



### Dampening

BLUMOTION provides silent and effortless closing action for furniture.

2005



### Lift systems

AVENTOS lift systems are presented for the first time

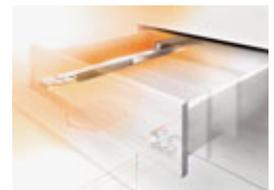
2007



### Electrical opening support

SERVO-DRIVE has been highly decorated for its design and function.

2011



### Runner systems

With MOVENTO, a new generation of runner systems was born.



**ISO 9001**  
Certified Quality  
System



**ISO 14001**  
Certified Environmental  
System



**ISO 50001**  
Certified Energy  
System

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