

Runner systems

Quality steel for your design
ideas in wood





MOVENTO – the sophisticated runner system

Our MOVENTO runner impresses with its stability and high load bearing capacity – now up to 70 kg. That's why this runner system is ideal for kitchen pull-outs for heavy items such as pots and pans.



TANDEM – the versatile runner system

TANDEM is a concealed runner system and the versatile solution for your design in wood. The extremely wide range of options offers great design flexibility. Choose from a broad selection of nominal lengths, various types of extension and load bearing classes as well as optional motion technologies for soft and effortless opening and closing.



TANDEM single extension with integrated TIP-ON

The TANDEM single extension is available with integrated TIP-ON. This motion technology not only offers your customers greater convenience, but it also saves you time and energy. TIP-ON is integrated in the runner profile so you can provide your customers with an opening support system without any additional work needed for assembly. All you need is a one-piece synchronisation linkage for assembly.

Reference pages

Runner systems

414

Short URL

www.blum.com/i359



Mitred applications



AVENTOS HF – bi-fold lift system

Rebated applications



AVENTOS HF – bi-fold lift system



AVENTOS HS – up and over lift system



AVENTOS HS – up and over lift system



AVENTOS HL – lift up



AVENTOS HL – lift up



AVENTOS HK top – stay lift



AVENTOS HK top – stay lift

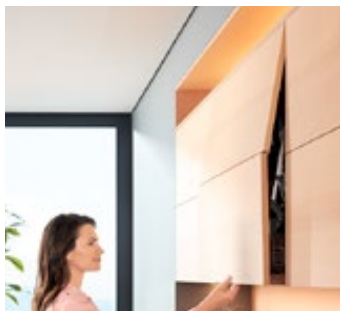
Lift system for large bi-fold fronts



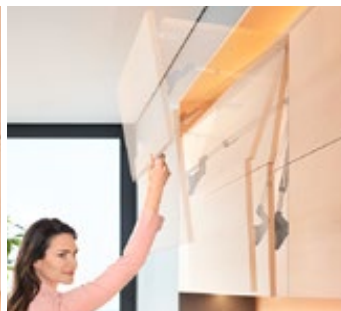
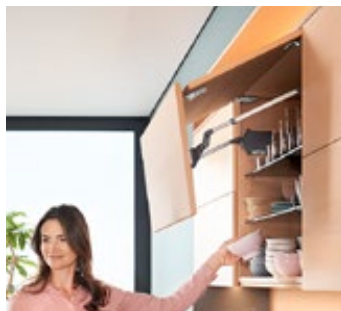
The AVENTOS HF has a two-part front that folds together in the centre when opening. The bi-fold lift system is ideal for higher wall cabinets with large fronts because the handle remains easy to reach in any position. AVENTOS HF can also be used with fronts of different heights.

- Soft and effortless closing thanks to **BLUMOTION**
- Easy to open
- Holds in any position
- Provides excellent access to the cabinet interior
- Small range, huge application variety
- Easy assembly and adjustment
- Stability, even with wide fronts
- Excellent durability
- Free positioning of handles
- No protruding parts
- Optional: SERVO-DRIVE for AVENTOS, the electrical motion support system for wall cabinets

Enhanced opening and closing ease



Lift systems open effortlessly with AVENTOS HF. Even heavy fronts only require light operating forces. The variable stop ensures that fronts always remain in the desired position.



Thanks to integrated BLUMOTION, both heavy and light fronts close softly and effortlessly.

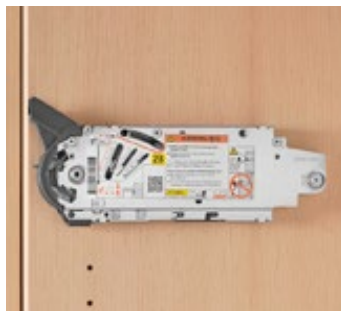


The cover cap is available in silk white, light grey and dark grey.

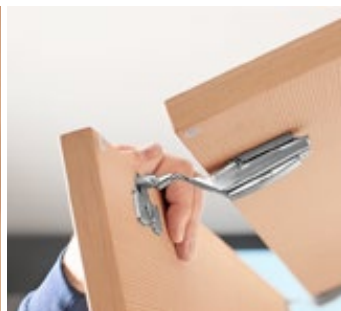
Other advantages that will inspire both you and your customers

**Excellent durability**

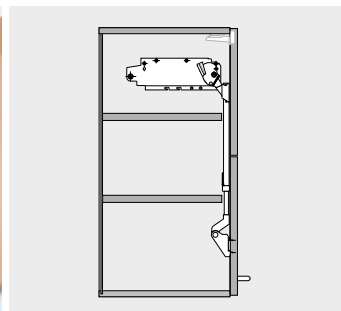
The core element of the lift mechanism is a robust spring package. The result: excellent durability.

**No protruding parts**




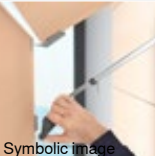

Removable telescopic arm – an advantage for furniture manufacturing and kitchen installation.

**Includes a finger safety feature**

The CLIP top centre hinge with innovative technology ensures finger safety.

**Similar shelves possible**

Depending on the height of the cabinet, two identical shelves can be used.

Applications				Web code	Page
Standard SERVO-DRIVE					
 Symbolic image	Wooden fronts and wide alu frames				
				DQD8YM	20
 Symbolic image	Narrow alu frames				
				DQD9NY	24
Accessories					
 Symbolic image	Opening angle stop	21	Door buffer		66
	Hinge set	28	Screwdriver		67
	Mounting plates	144	Cross slot bit		67
	Hinge arm cover cap	151			
	Screws	66			
	Centre bit	66			
Assembly, removal and adjustment					
 Symbolic image	Assembly, removal and adjustment			Machine directive	701
				Detailed information on the Machine Directive	
	Short URL			Short URL	
	www.blum.com/a110			www.blum.com/sd/guideline	

Pictograph

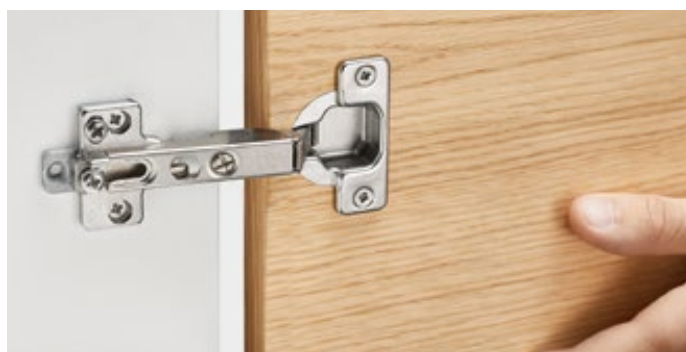
Item available on request

Slide-on hinge system



This economical hinge system provides the right solution for many different applications. The system's combined slide-on and screw-fix feature has proven itself over the years.

- Simple and easy slide-on assembly
- Simple 3-way adjustment for perfect gap alignment
- Integrated pull-out stop



Simple "slide-on" door to cabinet assembly.



Blind corner hinge

- For an inset blind corner construction
- Inner blind corner width 28 mm and higher
- With integrated BLUMOTION

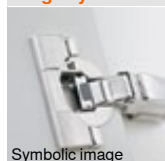


Refrigerator/Appliance hinge for facade doors

- The 3-dimensional adjustment feature is easily accessible when attached to the refrigerator
- The front can be easily removed from the refrigerator
- Front thicknesses FD of up to 30 mm are possible
- The refrigerator can be positioned inside the cabinet even when the front is attached



Hinge systems



Hinge systems	68
CLIP top BLUMOTION CLIP top – hinges	70

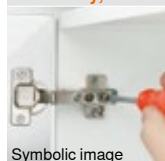
Hinge applications	OW	MODUL BLUMOTION	MODUL	Colour	Application	Boss Fixing	Web code	Page
Standard application								
100° hinge	100°		●	NI			DQE3XA	176
Blind corner application								
Blind corner hinge inset application	95°	●		NI			DQE4MM	178
Refrigerator application								
Refrigerator facade door hinge	95°		●	NI ONS			DQE5BY	180
Mounting plates								
Mounting plates								182
OW	Opening angle	●	With spring			NI	Nickel plated	
ONS	Onyx black							

Accessories

Hinge arm cover cap	185
Screws	186
Centre bit	186
Door buffer	186
Screwdriver	187

Symbolic image

Assembly, removal and adjustment

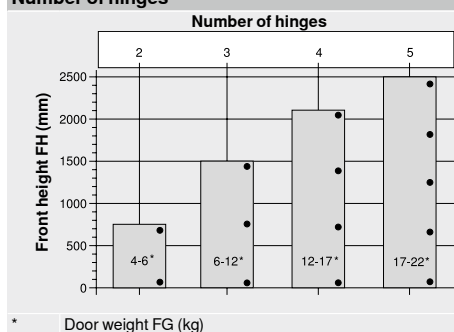


Assembly, removal and adjustment

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Number of hinges



The number of hinges depends on the front weight FG and front height FH

To achieve good stability, distances between hinges should be as large as possible

Load and height data relates to front widths FB of 600 mm

* Door weight FG (kg)

Pictograph

	Item available on request		Blind corner application		Screw-on boss
	Overlay application		Hinge with straight hinge arm		Knock-in boss
	Dual application		Hinge with cranked hinge arm		
	Inset application		Hinge with double cranked hinge arm		

100° hinge

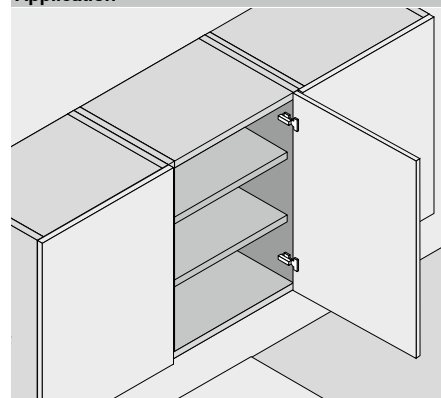


- MODUL with closing mechanism (spring)
- Slide on hinge arm
- 100° opening angle
- 3-dimensional front adjustment
- Integrated pull-out stop

Web code

DQE3XA

Application



Order information

Overlay application

	Boss	Spring	Colour	Part no.
<input type="checkbox"/>	<input type="checkbox"/> Screw-on			
MODUL	●	NI		91M2550

	Boss	Spring	Colour	Part no.
<input type="checkbox"/>	<input type="checkbox"/> Knock-in			
MODUL	●	NI		91M2580

Accessories

Accessories			
		Hinge arm cover cap	
<input type="checkbox"/>			
Print Stamp	Logo	Colour	Part no.
Plain	—	NI	90M2503
Stamped	Blum	NI	90M2503.BP

Dual application

	Boss	Spring	Colour	Part no.
<input type="checkbox"/>	<input type="checkbox"/> Screw-on			
MODUL	●	NI		91M2650

Accessories

Accessories			
	<input type="checkbox"/>	Hinge arm cover cap	
Print Stamp	Logo	Colour	Part no.
Plain	—	NI	90M2603


Inset application

	Boss	Spring	Colour	Part no.
<input type="checkbox"/>	<input type="checkbox"/> Screw-on			
MODUL	●	NI		91M2750

Accessories

Accessories			
	<input type="checkbox"/>	Hinge arm cover cap	
Print Stamp	Logo	Colour	Part no.
Plain	—	NI	90M2603

Accessories – General

	<input type="checkbox"/>	Chipboard screws	
Length (mm)	Diameter (mm)		Part no.
15.0	Ø 3.5		609.1500
17.0			609.1700

Spring

- With spring

 <div><input type="checkbox"/></div>	Insertion ram	
Colour	Material	Part no.
OR	Nylon	MZM.0040

Colour

- NI Nickel plated
- OR Orange

SPACE TOWER

Web code
DQGRMM


- The flexible larder unit with inner pull-outs; with shelves and inner drawers in the upper area
- Easy access from three sides
- Individually opening pull-outs allow for a complete overview and convenient removal from above
- Light operating forces even with heavily-laden pull-outs
- High backs and side panels guarantee secure stocking
- ORGA-LINE inner dividing systems for pull-outs puts everything in order and allows easy access
- Flexible cabinet dimensions possible



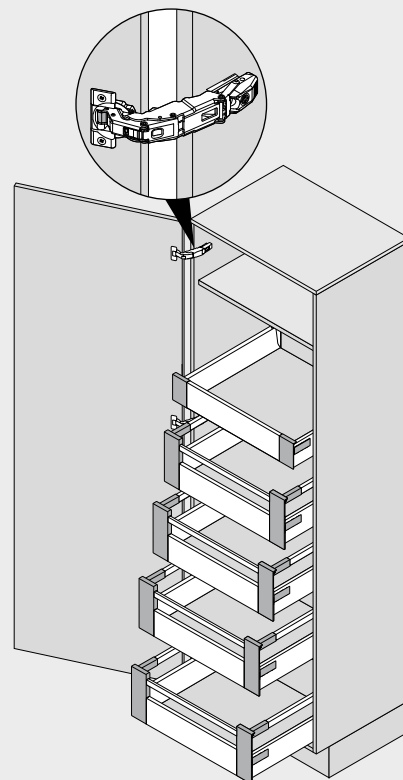
Order information

Application recommendation	Page
Inner drawer – M	310
Inner pull-out – gallery – C	318
Inner pull-out – gallery – D	322
ORGA-LINE for TANDEMBOX antaro – cross divider	550
ORGA-LINE for TANDEMBOX antaro – cross gallery	551
CLIP top BLUMOTION 155° hinge	82
Recommendation	
Cabinet width KB (mm)	
275–1200	

Planning

Help with planning and ordering

Short URL

www.blum.com/planningtools


Reference pages

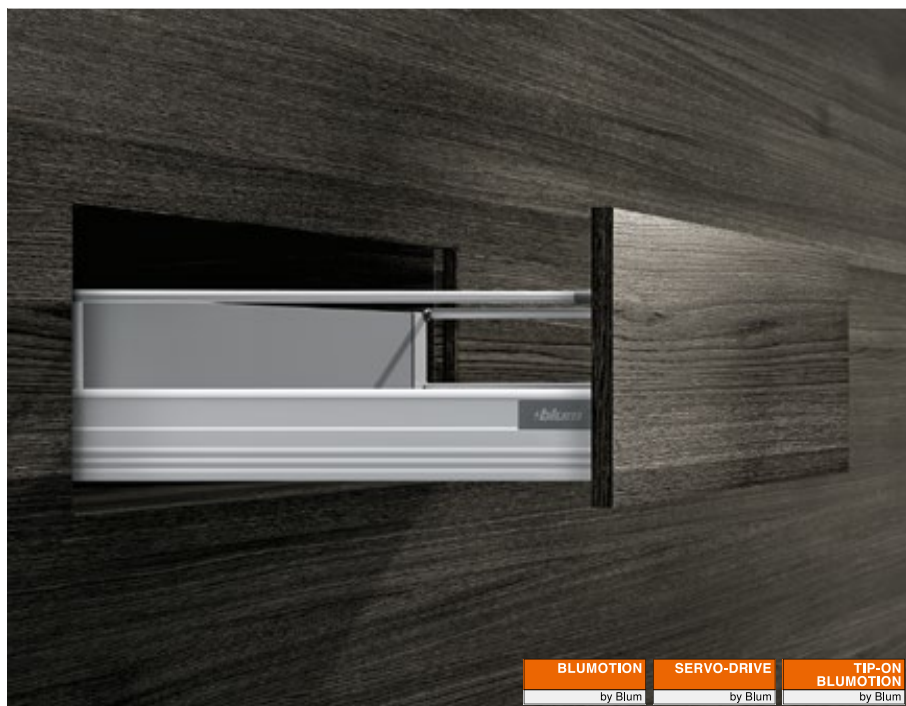
Overview	303	More technical details
SERVO-DRIVE for LEGRABOX MERIVOBX TANDEMBOX	358	
ORGA-LINE for TANDEMBOX	540	
CLIP top BLUMOTION 155° hinge	82	
BLUMOTION for doors	156	
Accessories	340	
E-SERVICES and assembly devices	590	

698 Assembly, removal and adjustment

Short URL

www.blum.com/a350


The versatile line



TANDEMBOX plus provides just the right solution for many applications. No matter whether it has a simple round gallery or a closed drawer box, TANDEMBOX plus excels with its sleek design and clear range of colours and parts. You also have the option of combining the different opening support systems as you wish. SERVO-DRIVE, the electrical opening support system in combination with BLUMOTION, or TIP-ON BLUMOTION, the mechanical opening support system, combined with BLUMOTION.



The round gallery and simple design are characteristic of the TANDEMBOX programme line, which has been tried-and-tested over many years. You can make the closed drawer box using a double walled BOXSIDE.



TANDEMBOX has long proven its worth and offered enhanced ease of use and scope for design for many years. Technological improvements ensure even smoother opening, noticeably more stability and an optimised feather-light glide.



For simple product selection and ordering of the available range, use our Product Configurator.

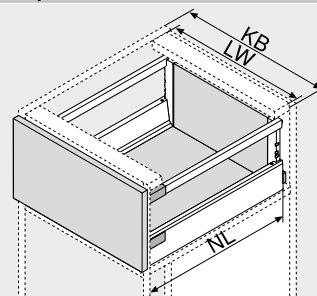
Short URL
www.blum.com/configurator

ORGA-LINE for TANDEMBOX antaro – cross gallery



- ORGA-LINE flexible dividing system
- With cross gallery for cutting to size
- Suitable for TANDEMBOX antaro high fronted pull-out, heights C and D
- Nominal length NL 270–650 mm
- Recommendation: cabinet width KB 275–1200 mm

Space requirement




NL	Nominal length
KB	Cabinet width
LW	Internal cabinet width

Order information


A1 Cross gallery for cutting to size				
	Cabinet width KB (mm)	Colour	Material	Part no.
	275	SW R9006	Aluminium	ZRG.179Q
	300			ZRG.204Q
	550			ZRG.454Q
	600			ZRG.504Q
	900			ZRG.804Q
	1200			ZRG.1104Q

Cutting

Internal cabinet width LW – 63 mm

A3 Cross gallery connector			
	Colour	Material	Part no.
	SW WGR	Nylon	ZRU.01E0

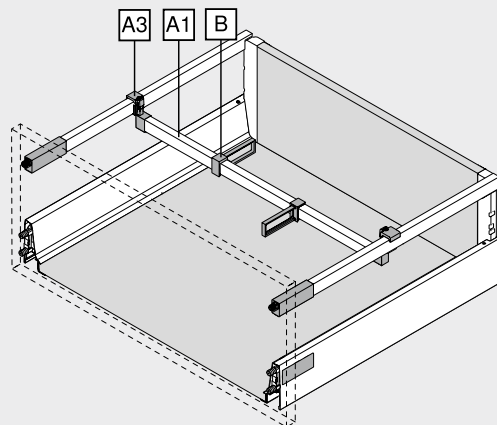
Order 2 x for each cross gallery

B Lateral divider			
	Colour	Material	Part no.
	SW WGR	Nylon	ZRU.11F0

Recommendation – colour combination of the components

No.	Description	Colour	
		SW	R9006
A1	Cross gallery for cutting to size	SW	R9006
A3	Cross gallery connector	SW	WGR
B	Lateral divider	SW	WGR

Colour		Colour	
SW	Silk white	WGR	White grey
R9006	RAL 9006 grey (white aluminium)		



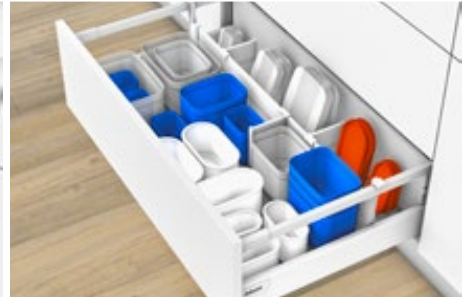
Reference pages

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Recommendation for high fronted pull-out inner pull-out	552	
ORGA-LINE kitchen accessories	554	

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www.blum.com/a530



Recommendation for high fronted pull-out | inner pull-out



Application – provisions

Application – open packs of food

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
275				
300	1 x cross divider	2 x cross divider		
400				
450				
500	1 x cross divider,	2 x cross divider,		
550	2 x lateral dividers	3 x lateral dividers		
600				
800				
900	1 x cross divider,	2 x cross divider,		
1000	3 x lateral dividers	6 x lateral dividers		
1200				

Application	Nominal length NL (mm)	
	600	650
SPACE CORNER	1 x cross divider, 2 x lateral dividers	

Application – crockery

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
Starting at 400	2 x Blum plate holders			
Starting at 800	4 x Blum plate holders			
Starting at 1000	6 x Blum plate holders			
SPACE CORNER				
Installation dimension PM (mm)	Nominal length NL (mm)			
	600	650		
Up to 1050	2 x Blum plate holders			
Starting at 1050	3 x Blum plate holders			

Application – plastic containers

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
275				
300	1 x cross divider			
400				
450				
500	1 x cross divider,	2 x lateral dividers		
550				
600				
800				
900	1 x cross divider,	3 x lateral dividers		
1000				
1200				
Application		Nominal length NL (mm)		
		600	650	
SPACE CORNER		1 x cross divider,	2 x lateral dividers	



Application – waste bin pull-out | cleaning agents

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
900–1200	1 x bottle rack, 2 x dividing wall, 3 x cross divider	1 x bottle rack, 2 x dividing wall, 4 x cross divider	1 x bottle rack, 2 x dividing wall, 5 x cross divider	

Application – spices

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
300	2 x spice holders, 1 x cross divider		2 x spice holders, 2 x cross divider	
400				
450	2 x spice holders, 1 x cross divider, 2 x lateral dividers		2 x spice holders, 2 x cross divider, 3 x lateral dividers	

Application – bottles

Cabinet width KB (mm)	Nominal length NL (mm)			
	450	500	550	–
275	–			
		1 x bottle rack, 4 x cross divider	1 x bottle rack, 5 x cross divider	
300	1 x bottle rack, 3 x cross divider			

Recommendation for high fronted pull-out | inner pull-out



Application – bottles cutting boards					
Cabinet width KB (mm)	Nominal length NL (mm)				
	450	500	550	–	–
400					
450	1 x bottle rack, 1 x dividing wall, 3 x cross divider	1 x bottle rack, 1 x dividing wall, 4 x cross divider	1 x bottle rack, 1 x dividing wall, 5 x cross divider		
500					
550					
600	1 x bottle rack, 2 x dividing wall, 3 x cross divider	1 x bottle rack, 2 x dividing wall, 4 x cross divider	1 x bottle rack, 2 x dividing wall, 5 x cross divider		
800					
900					
1000					
1200					
Not suitable for inner pull-out!					

Application – pots lids pans cooking utensils					
Cabinet width KB (mm)	Nominal length NL (mm)				
	450	500	550	–	–
600	1 x cross divider, 2 x lateral dividers	2 x cross divider, 3 x lateral dividers			
800					
900	1 x cross divider, 3 x lateral dividers	2 x cross divider, 6 x lateral dividers			
1000					
1200					

Application – baking trays tins					
Cabinet width KB (mm)	Nominal length NL (mm)				
	450	500	550	–	–
300			1 x dividing wall		
400			2 x dividing wall		
450			3 x dividing wall		
Starting at 500					
Not suitable for inner pull-out!					

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Assembly, removal and adjustment

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