A hand in a grey long-sleeved shirt reaches out from the right side of the frame, touching the edge of a white, handle-less refrigerator door. The refrigerator is partially open, revealing its interior shelves and drawers. The background shows a modern kitchen with white cabinetry, a wooden countertop, and a large window overlooking a bright outdoor area with a dining table and chairs. The floor is made of light-colored wood.

SERVO-DRIVE flex

For electrical opening of
handle-less, integrated refrigerators

 **blum**[®]

Entirely handle-less kitchen design

In kitchens with minimalist, handle-less designs, integrated refrigerators, freezers and dishwashers can also now disappear stylishly behind furniture fronts. The SERVO-DRIVE flex electrical opening support system ensures easy opening.





Contents

- 04** Flexible application areas
- 06** Versatile applications
- 08** Intelligent functions
- 10** Easy assembly and installation
- 12** SERVO-DRIVE single applications
 - SERVO-DRIVE flex for refrigerators and freezers
 - 14** – Refrigerators and freezers NH < 1700 mm
 - 16** – Refrigerators and freezers NH ≥ 1700 mm
 - 18** – Fridge/freezer combinations
- 20** SERVO-DRIVE flex for dishwashers
- 22** Planning
- 24** Assembly devices
- 25** Assembly/adjustment/removal
- 26** moving ideas

Flexible options for use

Left or right opening, sliding or fixed door – regardless of the installation situation, SERVO-DRIVE flex can be used with standard integrated refrigerators, combination fridge/freezers, freezers and dishwashers.







Versatile applications

Various installation situations can be implemented with the SERVO-DRIVE flex electrical opening support system. The drive unit is suitable for various applications.



Each door in the combination fridge/freezer is fitted with a separate SERVO-DRIVE flex unit and can therefore be opened individually.



Large and heavy doors, e.g. freezer doors, open with two synchronised drive units reliably and at the same time.



An optional SERVO-DRIVE switch can be used to enlarge the trigger range for the fronts of refrigerators. Whichever part of the front is pressed, opening the door is always convenient.



If SERVO-DRIVE flex is used with integrated dishwashers, the drive unit is mounted in the centre of the installation recess.

Lean protection

SERVO-DRIVE flex differentiates between short pressing actions and longer leaning actions. The lean protection prevents accidental triggering of the opening support system.



Intelligent functions

SERVO-DRIVE flex is a well-conceived system which is designed specifically to suit the demands of everyday kitchen use. Thanks to the intelligent functions, handle-less integrated devices can be operated easily and conveniently.



Adaptive system

SERVO-DRIVE flex can be adapted to suit the door properties. This means the access gap is always the same size and the door can be opened reliably.



Automatic self-closing system

If the door is not fully opened after triggering the opening support system, the magnetic rod pulls the front shut again. This ensures that the door does not remain open accidentally.



Trigger safety

After opening, the rod retracts into the drive unit. The user's working area remains free because the opening function is not triggered again until pressure is applied to the front.

Easy assembly and installation



Attach mounting plate

Start by screwing in a mounting plate to both the left-hand and right-hand sides in the installation recess.



Clip on drive unit

The drive unit can be clipped onto the left or right mounting plate, depending on the door opening.



Connect power supply

The cabled SERVO-DRIVE flex unit is connected to the power supply.



Mount the front

The front can be clipped directly onto the mounting plates which have already been installed when the unit was mounted.



Synchronise the drive unit

During the reference run, the drive unit adjusts itself to the installation situation. SERVO-DRIVE flex is now ready for use.

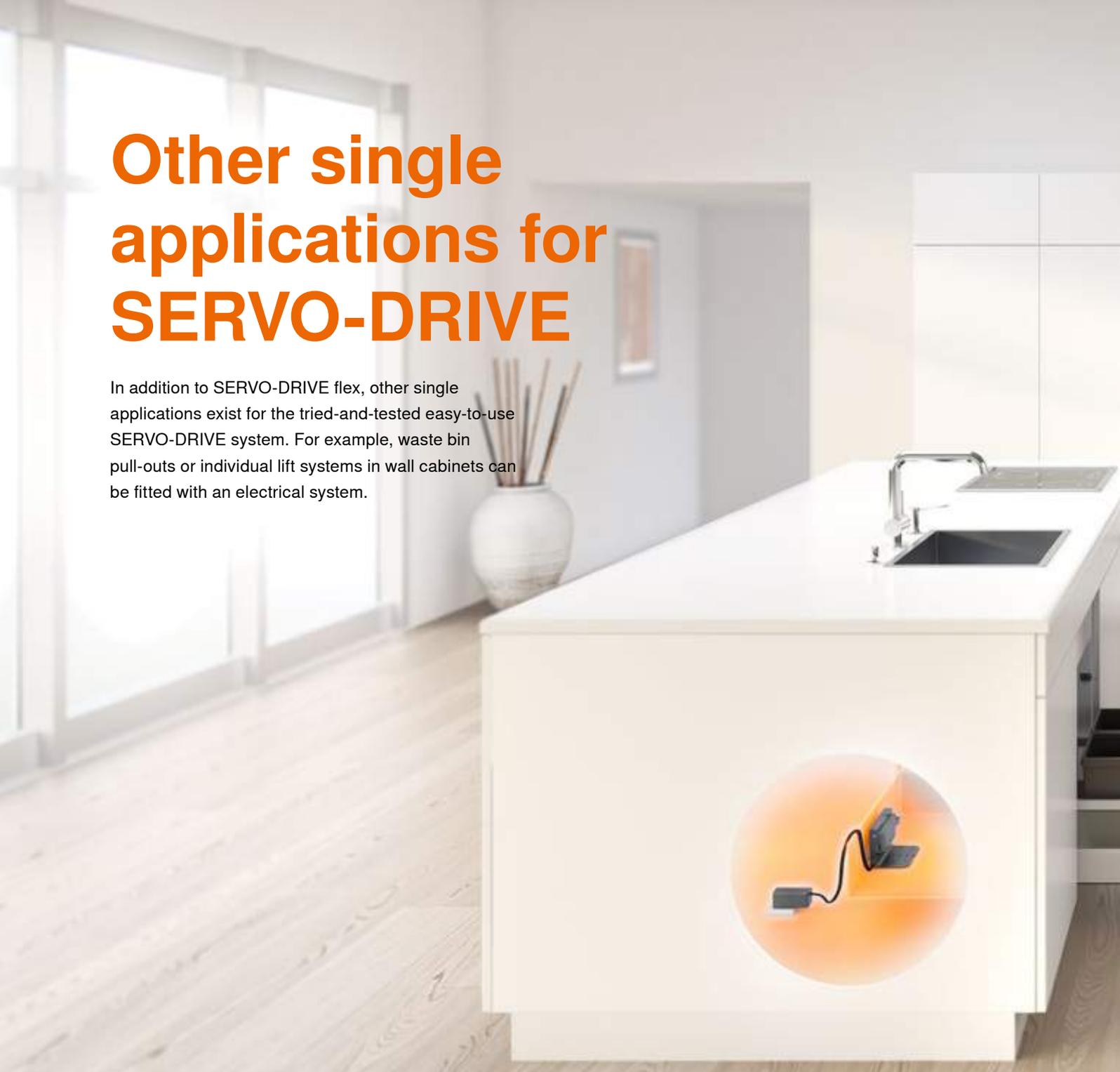
SERVO-DRIVE flex is mounted easily and conveniently in just a few steps. If the drive unit needs to be accessed subsequently, the front of the installation recess can simply be unclipped.



View assembly film
www.blum.com/sdflex_videos

Other single applications for SERVO-DRIVE

In addition to SERVO-DRIVE flex, other single applications exist for the tried-and-tested easy-to-use SERVO-DRIVE system. For example, waste bin pull-outs or individual lift systems in wall cabinets can be fitted with an electrical system.



SERVO-DRIVE uno for AVENTOS

If just one lift system is to be fitted with an electrical system, SERVO-DRIVE uno for AVENTOS is the ideal motion support system for the wall cabinet. Individual lift systems can be opened with a light touch and closed silently and effortlessly with BLUMOTION.

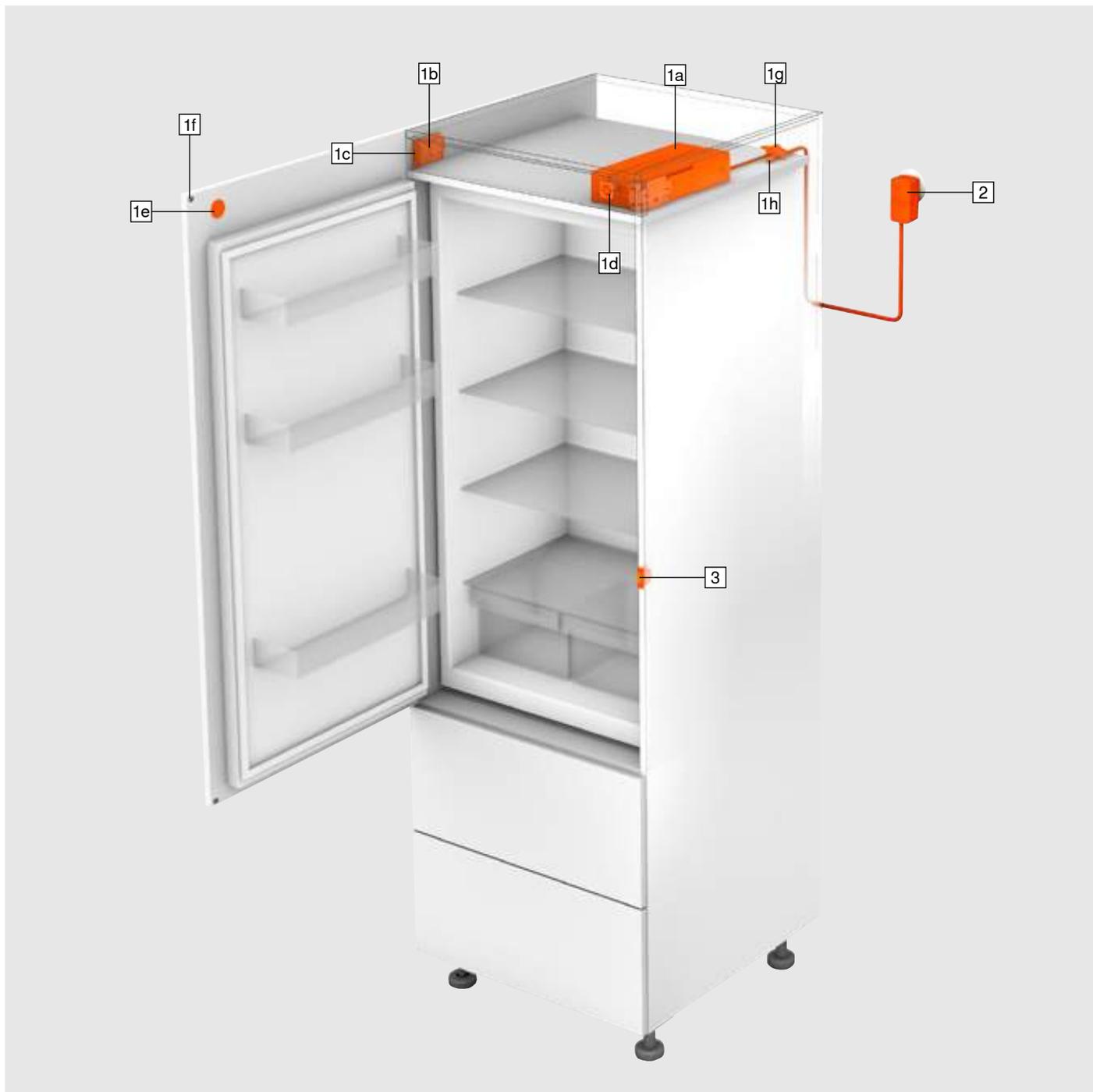




SERVO-DRIVE uno for waste bin pull-outs

Use your hip, knee or foot – a short press on the front is all it takes and the pull-out opens automatically. SERVO-DRIVE uno for waste bin pull-outs is a convenient retrofitting solution and can be fitted in just a few simple steps.

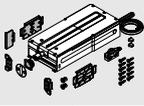
SERVO-DRIVE flex for refrigerators and freezers – recess height (NH) < 1700 mm

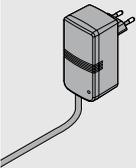
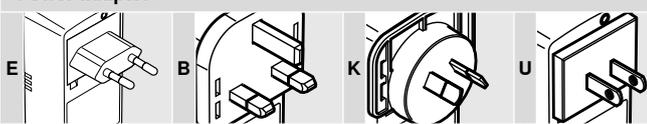


- Can be used for all standard built-in refrigerators and freezers
- Recess height (NH) < 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Easy assembly and installation
- Not suitable for refrigerators and freezers without own cabinet, freezers with base unit (recess height (NH) \geq 1700 mm) and refrigerated pull-outs

SERVO-DRIVE flex for refrigerators and freezers – recess height (NH) < 1700 mm

Ordering information

1		SERVO-DRIVE flex set	
		Colour	
		R7035	Z10C500A
Consisting of:			
1a	1 x	Drive unit	
1b	2 x	Mounting plate	
1c	2 x	Front fixing	
1d	1 x	Front cover	
1e	1 x	Catch plate	
1f	2 x	Blum distance bumper	
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
-	11 x	Chipboard screw	
-	1 x	Assembly jig	

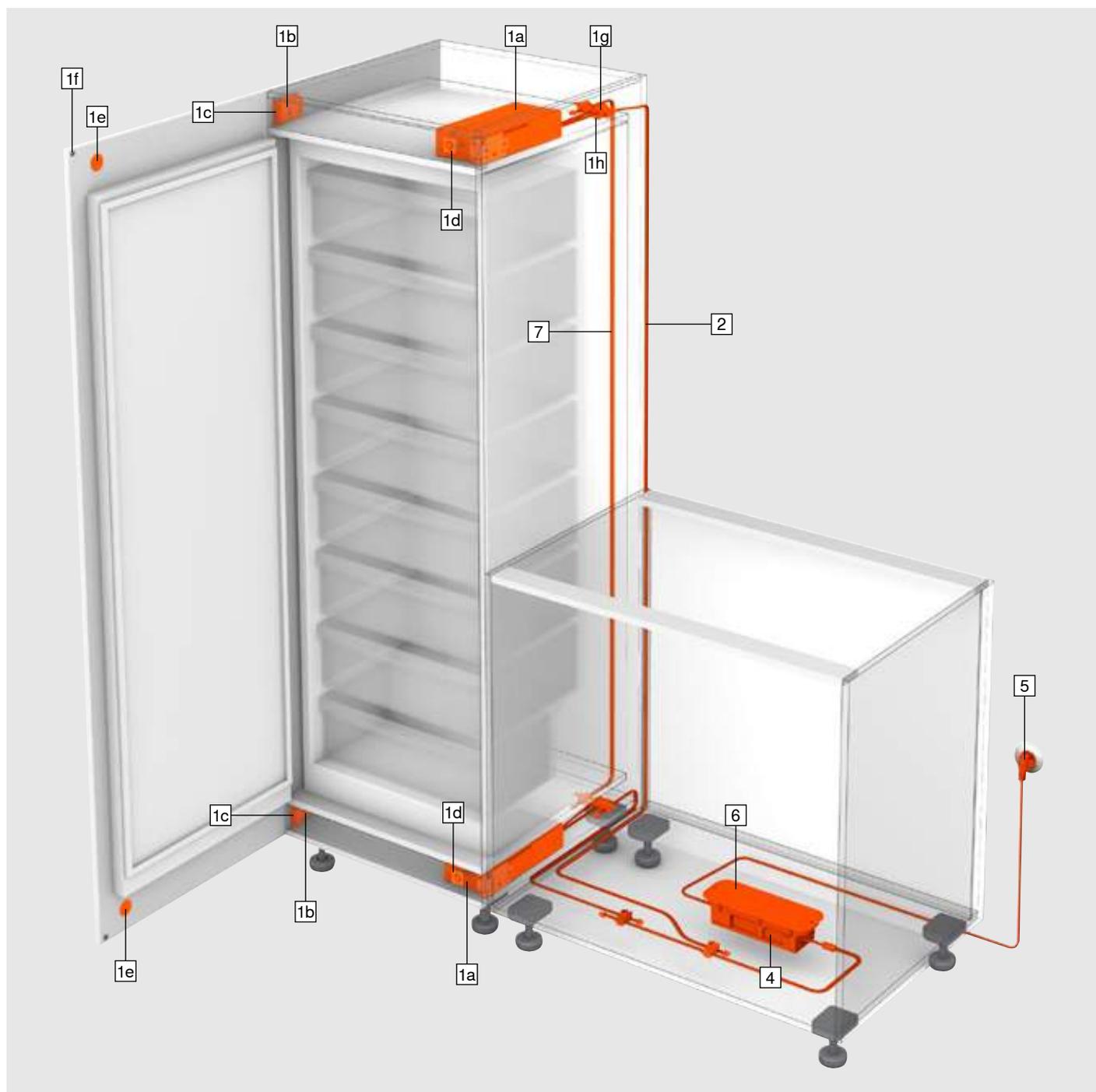
2		SERVO-DRIVE plug-in power supply unit	
Only suitable for one drive unit			
		Power adapter	Language package
		E	A Z10NA30EAF
		E	B Z10NA30EBF
		E	C Z10NA30ECF
		E	D Z10NA30EDF
		E	E Z10NA30EEF
		E	F Z10NA30EFF
		B	A Z10NA30BAF
		K	D Z10NA30KDF
		U	G Z10NA30UGF
Power adapter			
			
See the Information chapter of the Blum catalogue for a detailed market list			
Language package – operating and installation instructions			
A	DE EN FR IT NL	F	BG ET LT LV RO RU
B	DA EN FI NO SV	G	EN ES FR
C	EL EN HR SL SR TR	H	EN ZH
D	EN ES FR IT PT	J	JA
E	CS HU PL SK		
Language descriptions as per ISO-639			
Consisting of:			
2	1 x	SERVO-DRIVE plug-in power supply unit	
-	-	Incl. cable, 1120 mm (non-extendible)	
☎ Other combinations available upon request			

Accessories

3		SERVO-DRIVE switch	
		Colour	Material
		SW/HGR/TGR	K 23P5020
Recommendation for the use of the SERVO-DRIVE switch – see page 25			

-		Wireless receiver	
		Colour	Material
		R7035	K Z10C5007
Recommendation for the use of the SERVO-DRIVE switch – see page 25			

Colour/material			
HGR	Light grey	SW	Silk white
K	Nylon	TGR	Dark grey
		R7035	RAL 7035 light grey

SERVO-DRIVE flex for refrigerators and freezers – recess height (NH) \geq 1700 mm


- Can be used for all standard built-in refrigerators and freezers
- Recess height (NH) \geq 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Easy assembly and installation
- Not suitable for refrigerators and freezers without own cabinet, freezers with base unit (recess height (NH) \geq 1700 mm) and refrigerated pull-outs

SERVO-DRIVE flex for refrigerators and freezers – recess height (NH) ≥ 1700 mm

Ordering information

1		SERVO-DRIVE flex set	
		Colour	2 x
		R7035	Z10C500A
Consisting of:			
1a	1 x	Drive unit	
1b	2 x	Mounting plate	
1c	2 x	Front fixing	
1d	1 x	Front cover	
1e	1 x	Catch plate	
1f	2 x	Blum distance bumper	
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
-	11 x	Chipboard screw	
-	1 x	Assembly jig	
2		SERVO-DRIVE distribution cable	
		Colour	Length (mm)
		S	3000
			Z10K300A
For cutting to size			
-		Connecting node and cable end protector	
		Colour	Material
		S	K
			3 x
			Z10V100E.01
Consisting of:			
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
4		SERVO-DRIVE power supply unit	
		A	Z10NE030A
		F	Z10NE030F
		B	Z10NE030B
		G	Z10NE030G
		C	Z10NE030C
		H	Z10NE030H
		D	Z10NE030D
		J	Z10NE030J
		E	Z10NE030E
Includes operating and installation instructions			
Without flex			
Language package			
A	DE, EN, FR, IT, NL	F	BG, ET, LT, LV, RO, RU
B	DA, EN, FI, NO, SV	G	EN, ES, FR
C	EL, EN, HR, SL, SR, TR	H	EN, ZH
D	EN, ES, FR, IT, PT	J	JA
E	CS, HU, PL, SK		
Language descriptions as per ISO-639			

5		Flex			
		Market		Market	
		AR	Z10M200A	JP	Z10M200J
		UK	Z10M200B	AU	Z10M200K
		CH	Z10M200C	CL	Z10M200L
		DK	Z10M200D	CN	Z10M200N
		Europe	Z10M200E	BR	Z10M200S.01
		Europe ¹	Z10M200E.OS	TW	Z10M200T
		IN	Z10M200H	US, CA	Z10M200U
		IL	Z10M200I	ZA	Z10M200Z

Length 2 m, incl. plug

¹ Without plug

6		Power supply unit housing		
		Base fixing		
		Colour	Material	
		R7037	K	Z10NG000
Includes cover				
For SERVO-DRIVE power supply unit				

Alternative

-		Power supply unit housing		
		Panel fixing		
		Colour	Material	
		WGR	K	Z10NG120
For SERVO-DRIVE power supply unit				

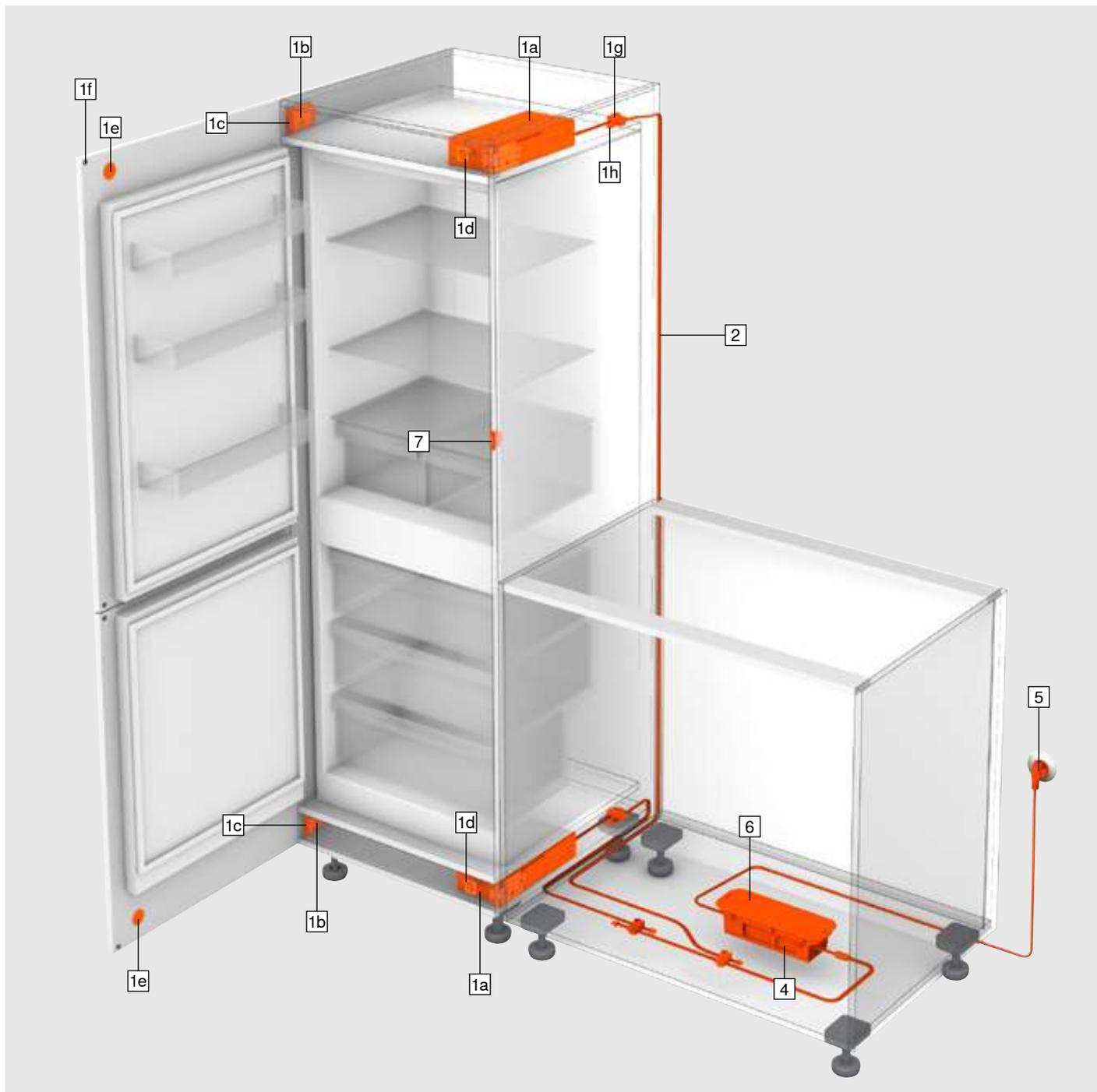
7		Communication cable		
		Colour	Length (mm)	
		R7037	3000	Z10K300A
For cutting to size				
Connects two drive units that need to open simultaneously				

Accessories

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

Colour/material			
K	Nylon	WGR	White grey
S	Black	R7035	RAL 7035 light grey
W	White	R7037	RAL 7037 dust grey

SERVO-DRIVE flex for fridge/freezer combinations



- Can be used for all standard built-in fridge/freezer combinations
- Recess height (NH) \geq 1700 mm
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system
- Automatic self-closing system for unintentional opening
- Lean protection feature
- Trigger safety
- Easy assembly and installation
- Not suitable for refrigerators and freezers without own cabinet, freezers with base unit (recess height (NH) \geq 1700 mm) and refrigerated pull-outs

SERVO-DRIVE flex for fridge/freezer combinations

Ordering information

1		SERVO-DRIVE flex set	
		Colour	2 x
		R7035	Z10C500A
Consisting of:			
1a	1 x	Drive unit	
1b	2 x	Mounting plate	
1c	2 x	Front fixing	
1d	1 x	Front cover	
1e	1 x	Catch plate	
1f	2 x	Blum distance bumper	
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
-	11 x	Chipboard screw	
-	1 x	Assembly jig	
2		SERVO-DRIVE distribution cable	
		Colour	Length (mm)
		S	3000
			Z10K300A
For cutting to size			
-		Connecting node and cable end protector	
		Colour	Material
		S	K
			Z10V100E.01
Consisting of:			
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
4		SERVO-DRIVE power supply unit	
		A	Z10NE030A
		F	Z10NE030F
		B	Z10NE030B
		G	Z10NE030G
		C	Z10NE030C
		H	Z10NE030H
		D	Z10NE030D
		J	Z10NE030J
		E	Z10NE030E
Includes operating and installation instructions			
Without flex			
Language package			
A	DE, EN, FR, IT, NL	F	BG, ET, LT, LV, RO, RU
B	DA, EN, FI, NO, SV	G	EN, ES, FR
C	EL, EN, HR, SL, SR, TR	H	EN, ZH
D	EN, ES, FR, IT, PT	J	JA
E	CS, HU, PL, SK		
Language descriptions as per ISO-639			

5		Flex			
		Market		Market	
		AR	Z10M200A	JP	Z10M200J
		UK	Z10M200B	AU	Z10M200K
		CH	Z10M200C	CL	Z10M200L
		DK	Z10M200D	CN	Z10M200N
		Europe	Z10M200E	BR	Z10M200S.01
		Europe ¹	Z10M200E.OS	TW	Z10M200T
		IN	Z10M200H	US, CA	Z10M200U
		IL	Z10M200I	ZA	Z10M200Z

Length 2 m, incl. plug

¹ Without plug

6		Power supply unit housing		
		Base fixing		
		Colour	Material	
		R7037	K	Z10NG000
Includes cover				
For SERVO-DRIVE power supply unit				

Alternative

-		Power supply unit housing		
		Panel fixing		
		Colour	Material	
		WGR	K	Z10NG120
For SERVO-DRIVE power supply unit				

7		SERVO-DRIVE switch		
		Colour	Material	
		SW/HGR/TGR	K	23P5020
Recommendation for the use of the SERVO-DRIVE switch – see page 25				

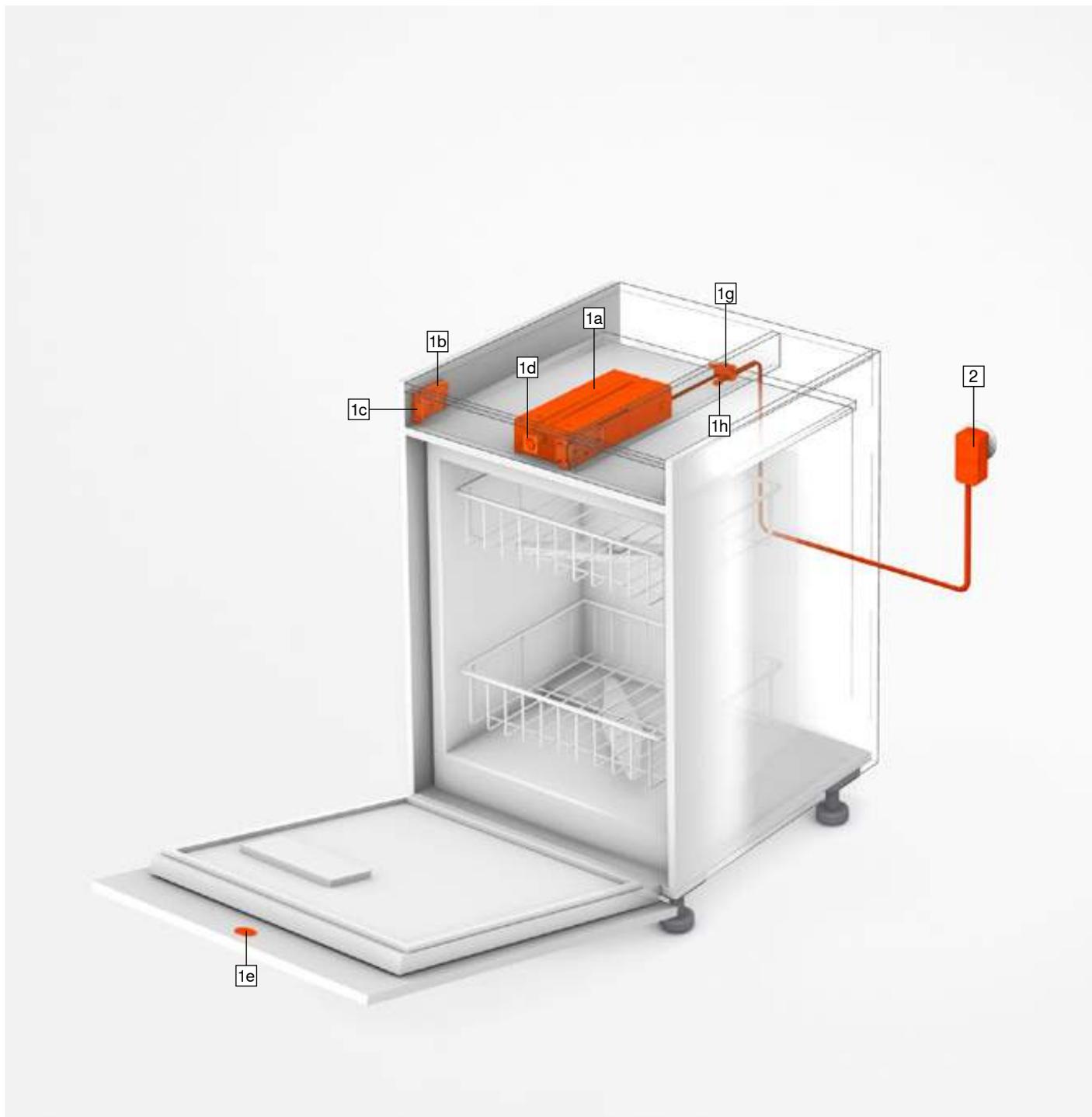
-		Wireless receiver		
		Colour	Material	
		R7035	K	Z10C5007
Recommendation for the use of the SERVO-DRIVE switch – see page 25				

Accessories

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

Colour/material			
HGR	Light grey	TGR	Dark grey
K	Nylon	W	White
S	Black	WGR	White grey
SW	Silk white	R7035	RAL 7035 light grey
		R7037	RAL 7037 dust grey

SERVO-DRIVE flex for dishwashers



- For all standard built-in dishwashers
- Low recess height (NH) for drive unit of min. 60 mm
- Adaptive system
- Lean protection feature
- Trigger safety
- Easy assembly and installation
- Application option dependent on device type, and worktop and plinth height; see Planning

SERVO-DRIVE flex for dishwashers

Ordering information

1		SERVO-DRIVE flex set	
		Colour	
		R7035	Z10C500A
Consisting of:			
1a	1 x	Drive unit	
1b	2 x	Mounting plate	
1c	2 x	Front fixing	
1d	1 x	Front cover	
1e	1 x	Catch plate	
-	2 x	Blum distance bumper	
1g	1 x	Connecting node	
1h	2 x	Cable end protector	
-	11 x	Chipboard screw	
-	1 x	Assembly jig	
1b		Mounting plate	
		Colour	Material
		R7035	K
Also requires			

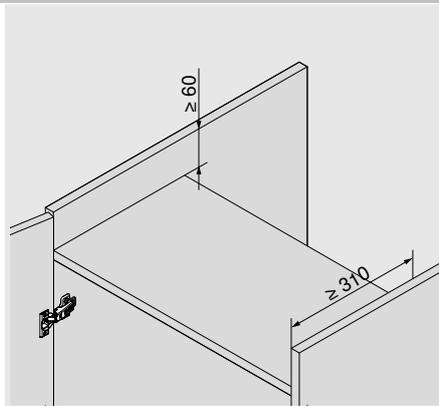
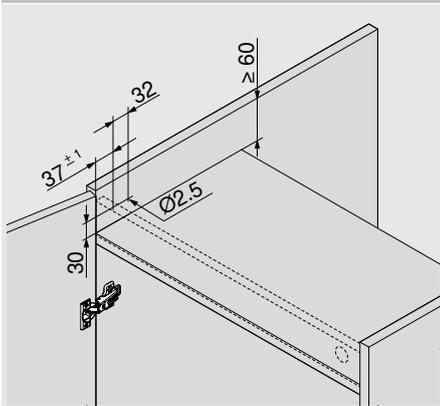
Accessories

2		SERVO-DRIVE plug-in power supply unit	
Only suitable for one drive unit			
	Power adapter	Language pack- age	
	E	A	☎ Z10NA30EAF
	E	B	☎ Z10NA30EBF
	E	C	☎ Z10NA30ECF
	E	D	☎ Z10NA30EDF
	E	E	☎ Z10NA30EEF
	E	F	☎ Z10NA30EFF
	B	A	☎ Z10NA30BAF
	K	D	☎ Z10NA30KDF
	U	G	☎ Z10NA30UGF
Power adapter			
See the Information chapter of the Blum catalogue for a detailed market list			
Language package – operating and installation instructions			
A	DE EN FR IT NL	F	BG ET LT LV RO RU
B	DA EN FI NO SV	G	EN ES FR
C	EL EN HR SL SR TR	H	EN ZH
D	EN ES FR IT PT	J	JA
E	CS HU PL SK		
Language descriptions as per ISO-639			
Consisting of:			
2	1 x	SERVO-DRIVE plug-in power supply unit	
-	-	Incl. cable, 1120 mm (non-extendible)	
☎ Other combinations available upon request			
Colour/material			
K	Nylon	R7035	RAL 7035 light grey

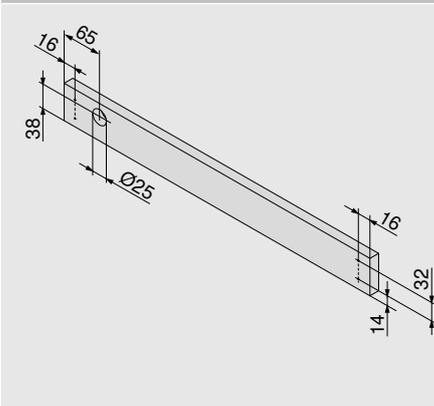
SERVO-DRIVE flex for refrigerators and freezers

Planning

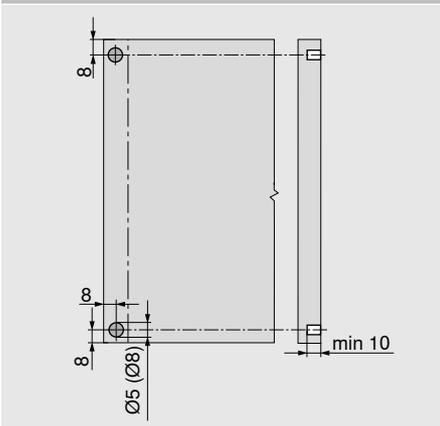
Mounting plate



Blind front – drive unit



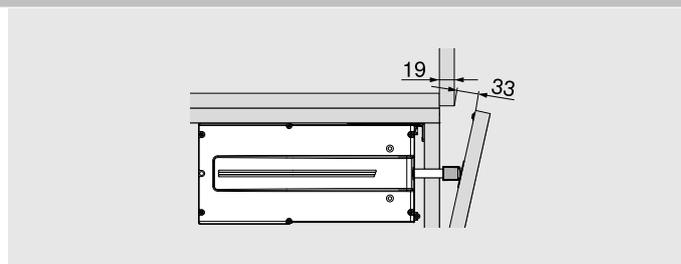
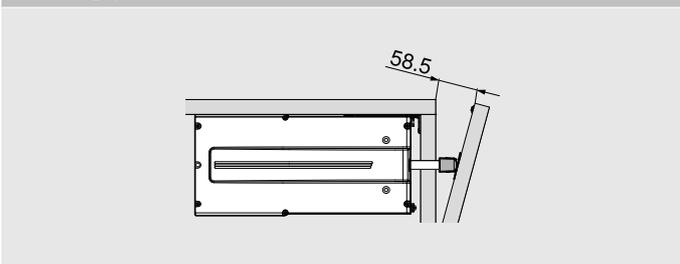
Blum distance bumper



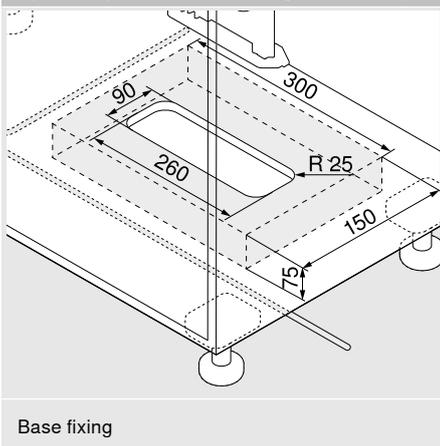
Blum distance bumper is required for the refrigerator and freezer door

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

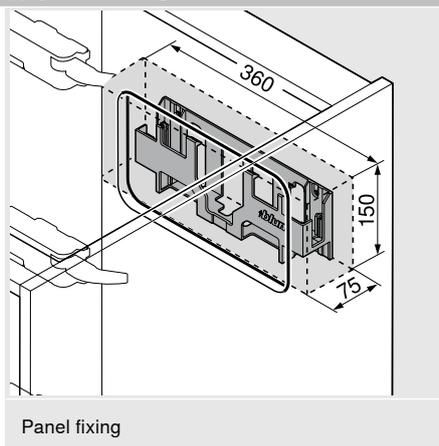
Access gap



Space requirement and safety distance – power supply unit housing



Base fixing



Panel fixing

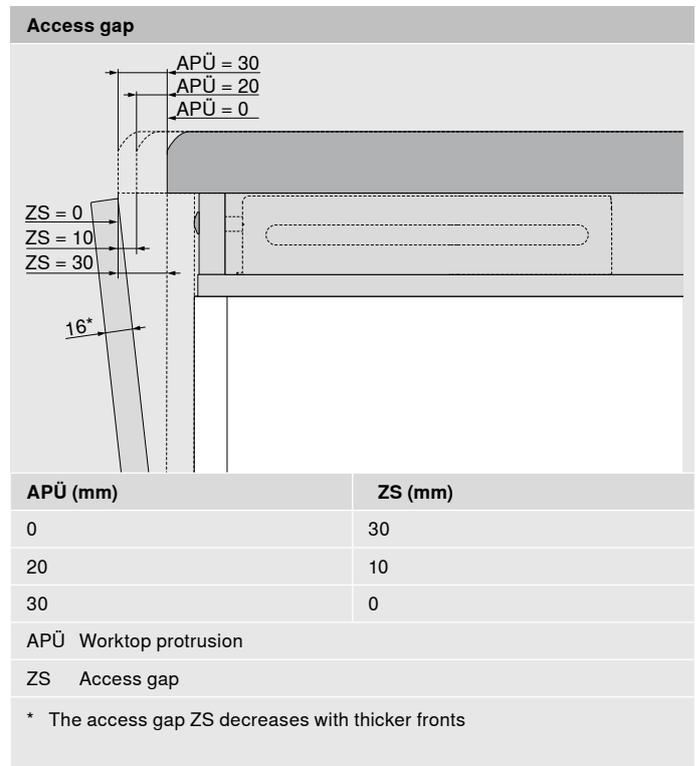
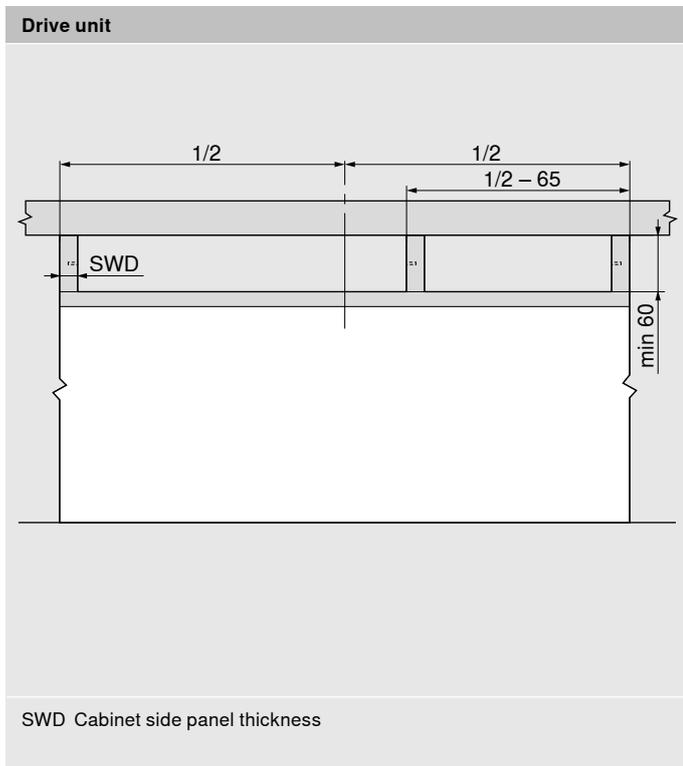
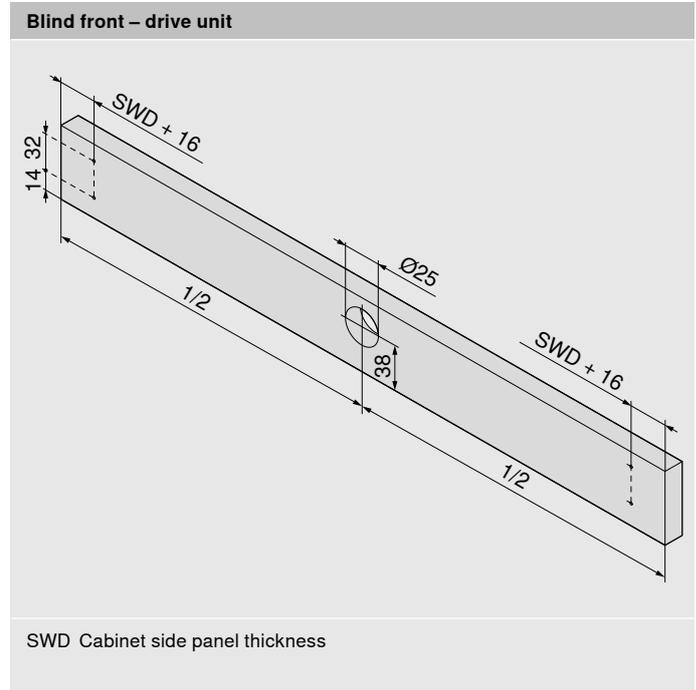
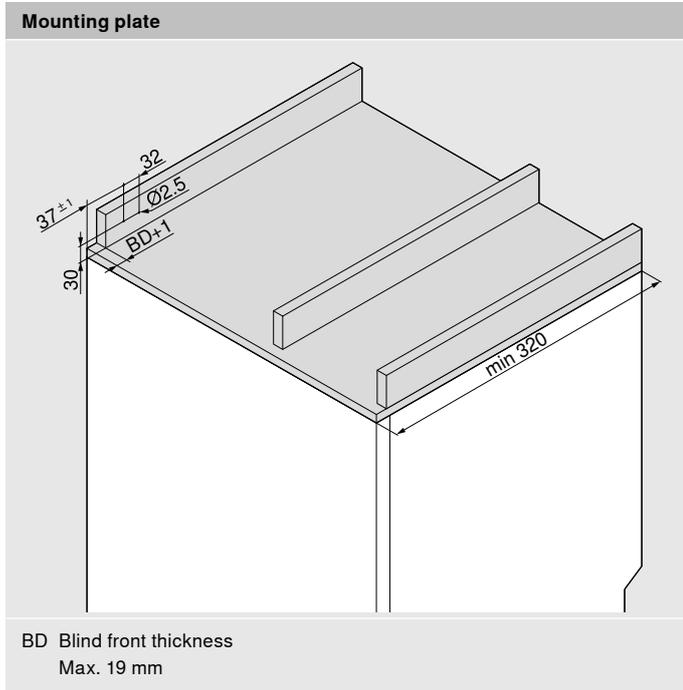


Please note

Maintain a safety distance of 30 mm for air circulation. Otherwise there is a risk that the SERVO-DRIVE power supply unit could overheat. The dimensions in the drawing take the safety distance into account.

SERVO-DRIVE flex for dishwashers

Planning



Assembly devices

Drilling template for Blum distance bumper



- Template for bumper drilling on the unattached and attached front

Ordering information

ZML.1090

Drilling template for the SERVO-DRIVE switch

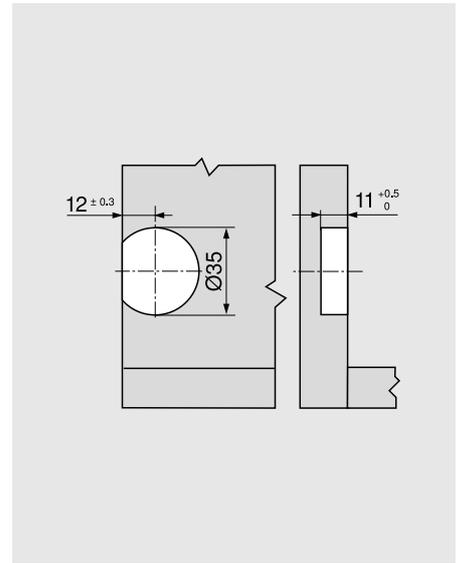
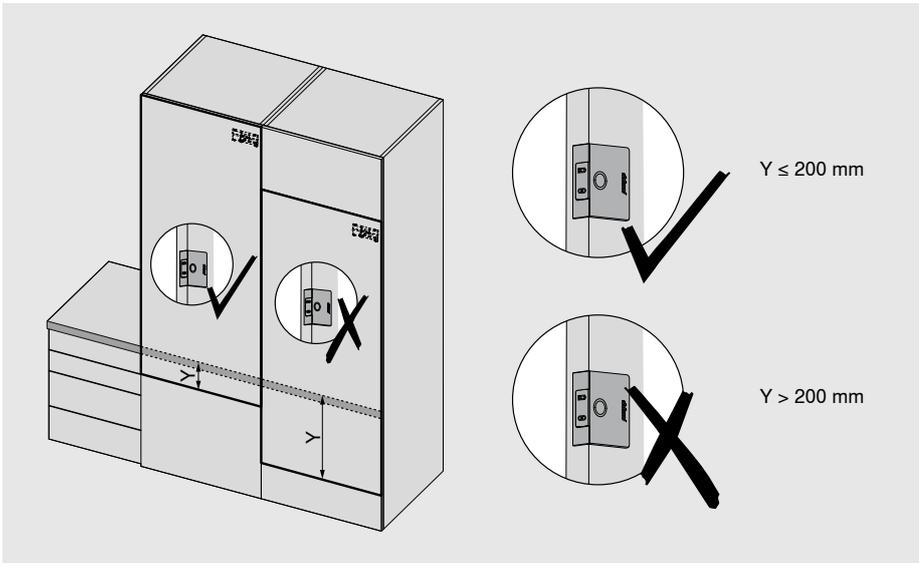


- Simple hand-held tool for drilling accurate holes for the SERVO-DRIVE switch attachment
- Hand drill required

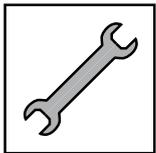
Ordering information

M31.2000

Recommendation for the use of the SERVO-DRIVE switch



Assembly/adjustment/removal



Information on assembly and adjustment:
www.blum.com/ma620



Assembly video:
www.blum.com/sdflex_videos



moving ideas

We believe that ideas can move the world. We offer innovative fittings, inspiring furniture concepts and appropriate services so that you can turn your creative ideas into reality. We are driven by your needs, international trends and our shared vision of a better quality of living. Let us work together to create moving ideas.



Quality of living

We would like you to enjoy greater convenience and functionality when using furniture.



Product range

Everything from a single source: our wide range of products allows you to keep up with today's and tomorrow's trends.



Inspiration

We monitor global trends and strive to create the solutions of tomorrow. We like to share our insights with you.



Innovation

We stay in motion. Curiosity and pioneering spirit drive us to develop new products and services for you.



Services

We support your daily operations with customised services tailored to your processes.



Quality

We continuously strive to improve our products, services and ourselves.



Trust

We take responsibility for partnerships, our employees, society and the environment.

Julius Blum started our journey in 1952 with horseshoe studs. Today we supply innovative fittings to customers in over 120 countries.

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Our site in the USA is certified to ISO 9001.
Our site in Brazil is certified to ISO 9001, ISO 14001 and ISO 45001.



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Certified Quality
System



ISO 14001
Certified Environmental
System



ISO 50001
Certified Energy
System

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