AVENTOS HK-S

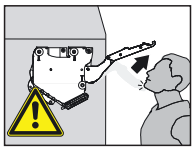
Assembly in just a few steps

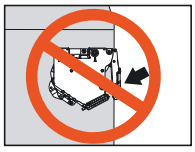
AVENTOS HK-S is quick and easy to install. The front of the wall cabinet can be removed tool-free for cabinet assembly onsite. This is due to our proven CLIP technology.

1. Lift mechanism assembly: It can be installed on the left or the right – thanks to its symmetrical design.

2. The symmetrical front fixing bracket is attached to the front.

3. CLIP technology enables tool-free front assembly to the lift mechanism.





Warning

There is a danger of injury if the lever springs upward. After opening, do not push down on the lever.

Special warning and safety information must be added for use in North America.

Quick adjustment, precise adjustment

The AVENTOS HK-S lift system front can also be adjusted in 3 dimensions: To ensure correct visual effect. The fine adjustment to opening and closing forces is very easy and carried out via the lift mechanism. A calibration feature makes this easy.

Perfect motion requires a precise setting:

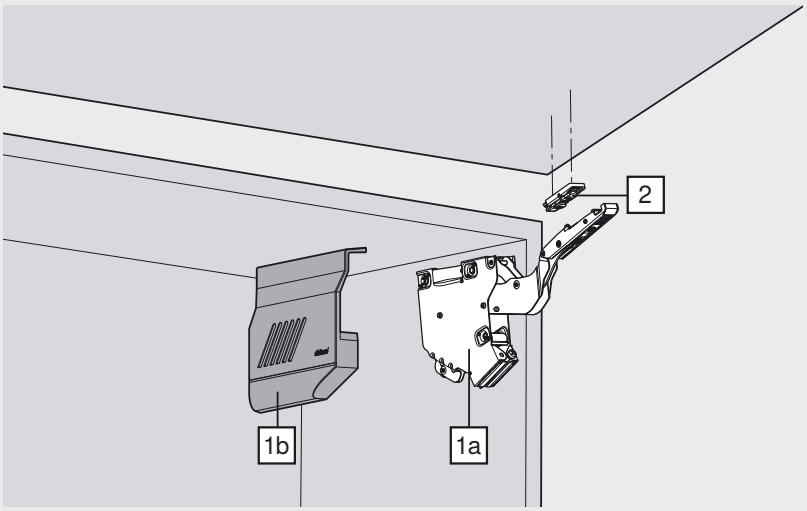
1. The fine adjustment of the lift mechanism requires an electric screwdriver (Pozidriv®, size 2, length 39 mm).

If the lift system falls when let go, it must be turned to the right.

If the lift system rises when let go, it must be turned to the left.

2. The front can be manually adjusted in all 3 dimensions.

Order specifications

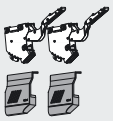


3 types of lift mechanisms are enough to cover a wide range of applications.

By establishing the power factor you can calculate the type and quantity of lift mechanisms. The power factor required depends on the weight of the lower and upper front (incl. double the handle weight) and cabinet height.
The power factor and the door weight can be increased by 50% when a third lift mechanism is used.

This is how it's done: Power factor = cabinet height (KH) [mm] x front weight including double the handle weight[kg]

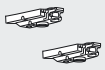
A trial application is recommended when you are in a borderline area for the individual lift mechanism.

1	**Lift mechanism set**			
	Power factor LF	**Spring**	Opening angle	
	220–500	Weak	107°	**20K2B00**
	400–1.000	Medium	107°	**20K2C00**
	960–2.215*	Strong	107°	**20K2E00**
	Composed of:			
1a	2 x symmetrical lift mechanisms			
1b	2 x cover caps left/right			
	10 x chipboard screws, Ø 4 x 35 mm			

* autumn 2010

Note

We recommend a lift mechanism attached to the centre panel for wide cabinets.
The reason for this is to prevent the middle of the front from sagging when open.

2	Front fixing bracket set	
	Nickel plated	
	Wooden fronts and wide alu frames[1)]	20K4A00
	Narrow alu frames	20K4A00A
	Composed of: 2 x symmetrical front fixing brackets	

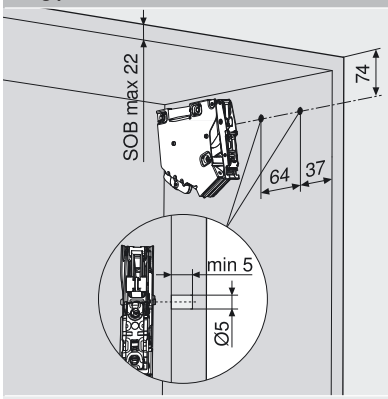
	Opening angle stop	
	Nylon	
	100°	20K7A41
	75°	20K7A11

	Bit PZ cross slot	
	Size 2, length 39 mm	BIT-PZ KS2

[1)] Use 2 chipboard screws (609.1x00) for wooden fronts. Use 2 self tapping screw, countersunk head (608.085) for wide alu frames.

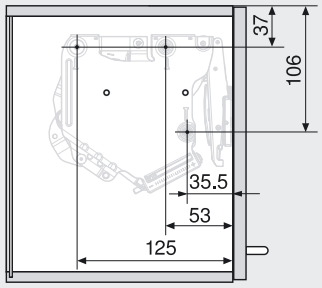
Planning Information

Peg positions for lift mechanism



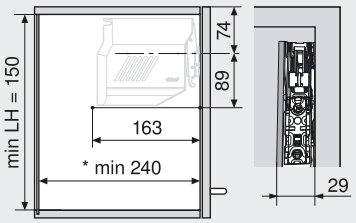
SOB Top panel thickness

Fixing positions for lift mechanism



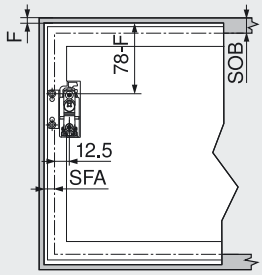
3 x Ø 4 x 35 mm

Space requirement

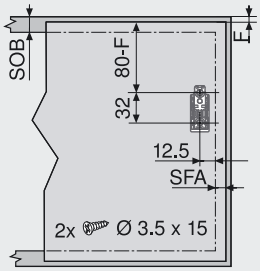


* min. 240 with visible wall hanging bracket

Front assembly



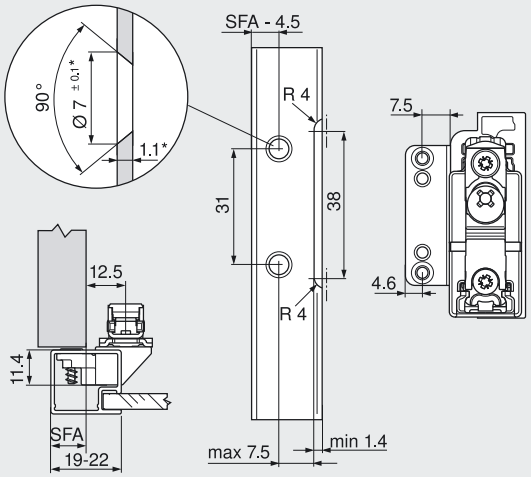
Narrow alu frames



Wooden fronts and wide alu frames[1)]

F	Gap
SFA	Side front overlay
SOB	Top panel thickness

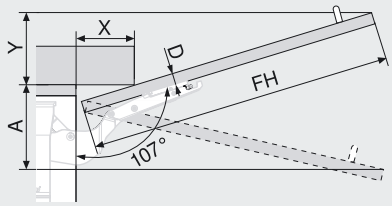
Planning narrow alu frames



* When changing material thickness, adjust the assembly dimensions accordingly

[1)] Use 2 chipboard screws (609.1x00) for wooden fronts. Use 2 self tapping screw, countersunk head (608.085) for wide alu frames.

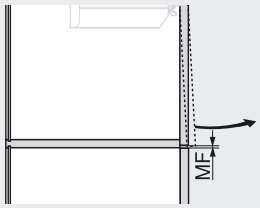
Cornice and crown moulding clearance



D (mm)	16	19	22	26
X (mm)	70	59	49	35

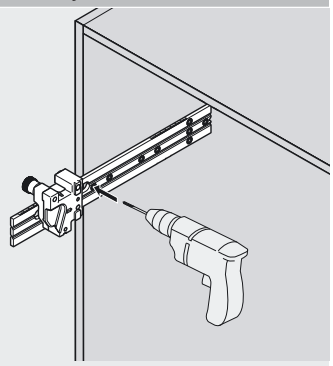
Without OEB	Y = FH x 0.29 - 15 + D
OEB 100°	Y = FH x 0.17 - 15 + D
OEB 75°	A = FH x 0.26 + 15 - D
OEB Opening angle stop	

Min. gap



MF Min. gap top and bottom (2 mm)

Cabinet assembly



Drilling template	**65.1051.01**
Can be used for all lift systems	