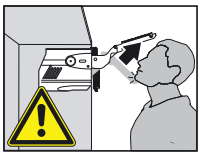
Assembly in just a few steps

AVENTOS HK assembly can be carried out by hand. The front of the wall cabinet can be removed, without the need of tools, thanks to CLIP technology. This makes cabinet assembly easier, faster and safer.

1. Lift mechanism assembly: The symmetrical design enables it to be used on both the left and the right.

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

3. Tool-free front assembly to the lift mechanism using CLIP technology.



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.

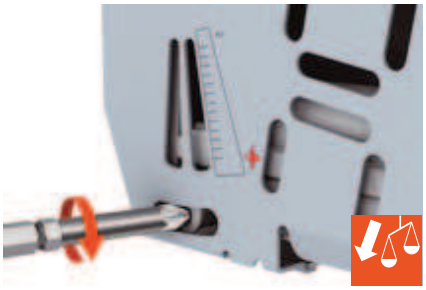
Quick adjustment, precise adjustment

The AVENTOS HK front can be adjusted in all 3 dimensions. This enables you to create perfect gap alignment onsite - it's quick, precise and easy.

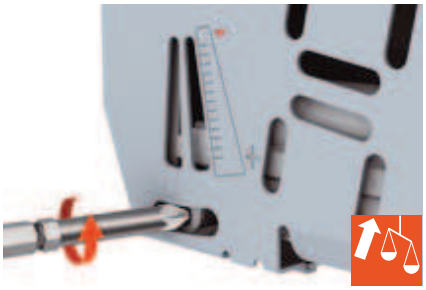
The power calibration feature of AVENTOS HF is used to make the fine adjustment to the opening and closing power.
The force adjustment can be set exactly to the respective door weight. A calibrated scale facilitates the correct setting.

Perfect motion requires a precise setting:

1. The fine adjustment to the opening and closing forces on the lift mechanism are made using an electric screwdriver (Pozidriv©, size 2, length 39 mm).



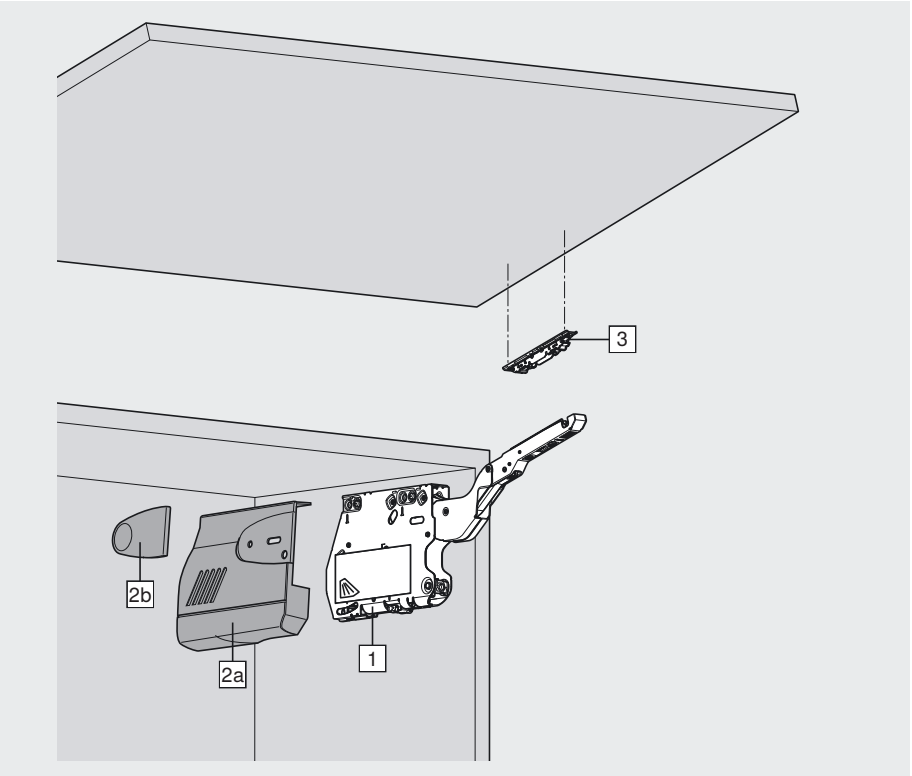
If the lift system falls when let go, it must be turned to the right.



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.

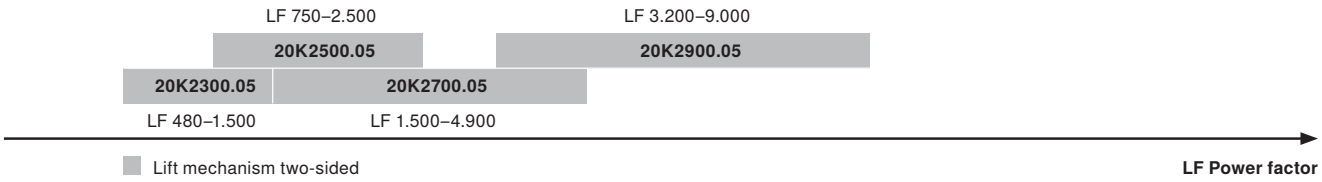
Order specifications



4 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.

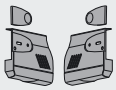
This is how it's done: Power factor = cabinet height (KH) [mm] x front weight including double the handle weight [kg]



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

1	Lift mechanism set		
	Power factor LF	Opening angle	
	480–1.500	107°	20K2300.05
	750–2.500	107°	20K2500.05
	1.500–4.900	107°	20K2700.05
	3.200–9.000	100°	20K2900.05
	Max. door weight 18 kg for two lift mechanisms		
	Composed of:		
	2 x symmetrical lift mechanisms		
	10 x chipboard screws, Ø 4 x 35 mm		

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	Cover cap set	
	light grey, silk white, nickel plated	
		20K8000
	Composed of:	
2a	2 x cover plates left/right	
2b	2 x round cover caps	

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

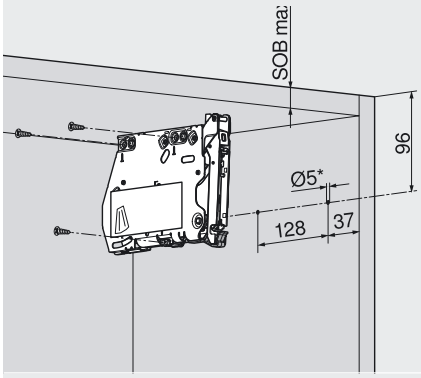
3	Front fixing bracket set	
	Nickel plated	
	Wooden fronts and wide alu frames[1)]	20S4200
	Narrow alu frames	20S4200A
	Composed of:	
	2 x symmetrical front fixing brackets	

	Opening angle stop	
	Nylon	
	100°	20K7041
	75°	20K7011

[1)] Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 self tapping screw, countersunk head (608.085) for wide alu frames.

Planning Information

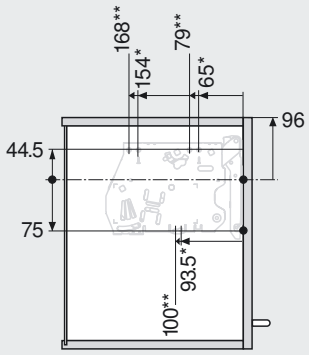
Peg positions for lift mechanism



* Drilling depth 5 mm

SOB Top panel thickness

Fixing positions for lift mechanism

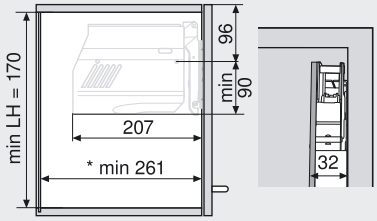


3 x Ø 4 x 35 mm

* Left

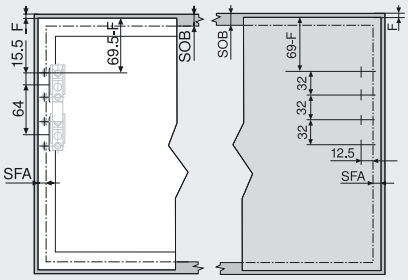
** Right

Space requirement



* min. 261 with visible wall hanging bracket

Front assembly



Narrow alu frames

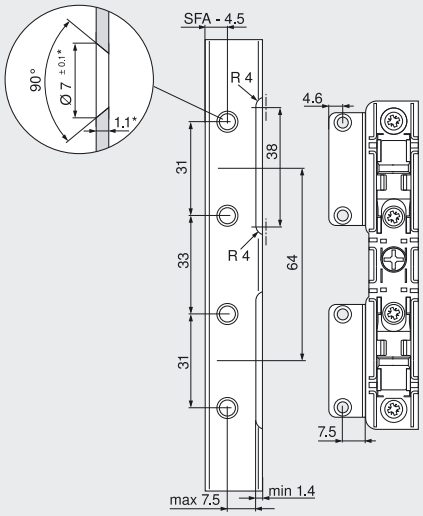
Wooden fronts and wide alu frames[1)]

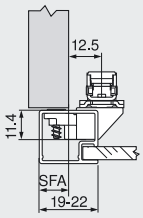
SOB Top panel thickness

F Gap

SFA Side front overlay

Planning narrow alu frames





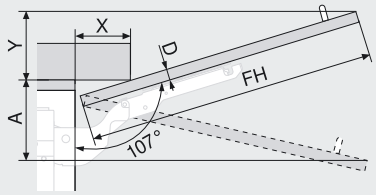
SFA Side front overlay

For frame width 19 mm, a SFA of 11–18 mm is possible

* When changing material thickness, adjust the assembly dimensions accordingly

[1)] Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 self tapping screw, countersunk head (608.085) for wide alu frames.

Cornice and crown moulding clearance



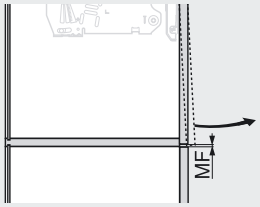
D (mm)	16	19	22	26	28
X (mm)	70	59	49	35	26

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

FH Front height

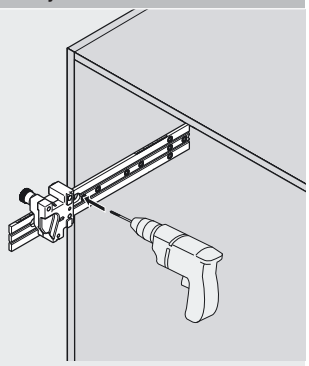
OEB Opening angle stop

Min. gap



MF Minimum gap for opening (2 mm)

Cabinet assembly



Drilling template **65.1051.01**

Can be used for all lift systems