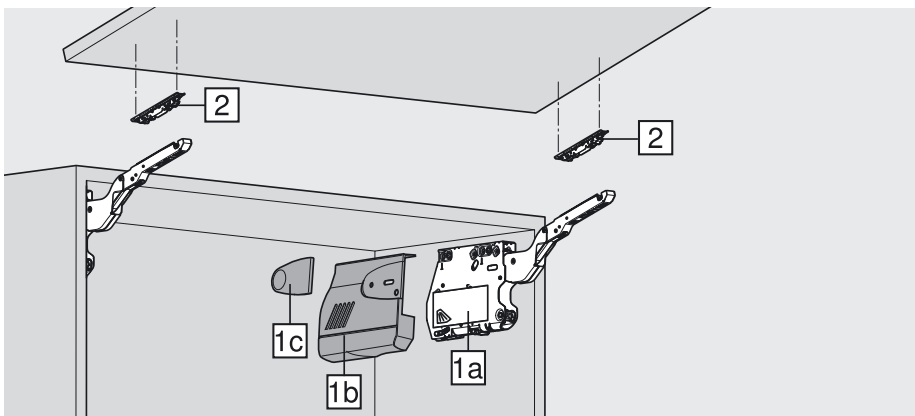




# AVENTOS HK

Technical data sheet



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

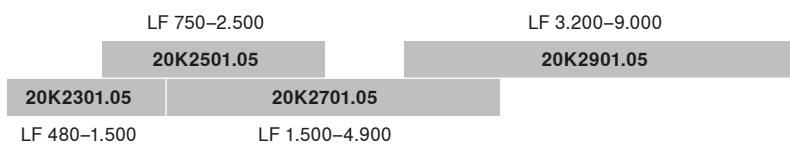
By establishing the power factor you can calculate the type and quantity of lift mechanisms.

The power factor required depends on the weight of the 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.

## i

This is how it's done: **Power factor = cabinet height (KH) [mm] x door weight including 2 handles[kg]**



■ Lift mechanism two-sided

LF Power factor

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

1a	Lift mechanism symmetrical			
	Power factor LF	Opening angle		
	480-1.500	107°	2 x	20K2301.05
	750-2.500	107°	2 x	20K2501.05
	1.500-4.900	107°	2 x	20K2701.05
	3.200-9.000	100°	2 x	20K2901.05
	Max. door weight 18 kg for two lift mechanisms			

2	Symmetrical front fixing brackets		
	Nickel plated		
	Wooden fronts and wide alu frames <sup>1)</sup>	2 x	20S4201
	Narrow alu frames	2 x	20S4201A
	* Use fixing screws for wide alu frames		

1b	Cover plate		
	Either light grey, silk white or nickel-lacquered		
		left/right	20K8001

	Opening angle stop		
	Nylon		
	100° deep grey	2 x	20K7041
	75° dust grey	2 x	20K7011

1c	Cover cap small		
	Nylon dark grey, nickel-lacquered		
	Plain	2 x	20K9001
	Printed with the BLUM Logo	2 x	20K9001.BL
	can be printed with customer logo – min. from 1,000 pcs		

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

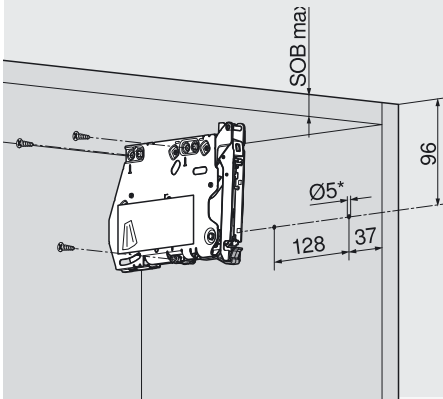
<sup>1)</sup> Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 self tapping screw, countersunk head (660.0950) for wide alu frames.

## Note

We recommend a 3rd lift mechanism attached to the centre panel for wide cabinets. This prevents the door from sagging in the middle when open.



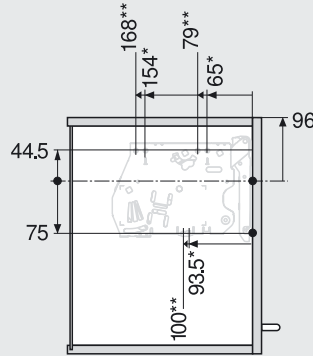
### Peg positions for lift mechanism



\* Drilling depth 5 mm

SOB Top panel thickness

### Fixing positions for lift mechanism

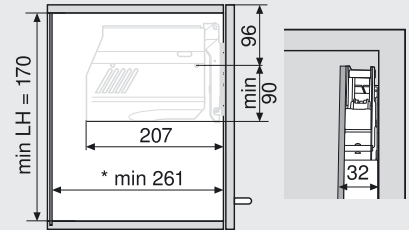


3 x Ø 4 x 35 mm

\* Left

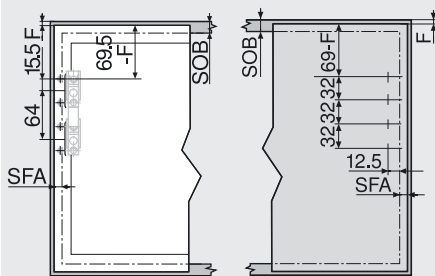
\*\* Right

### Space requirement



\* min. 261 with visible wall hanging bracket

### Front assembly



Narrow alu frames

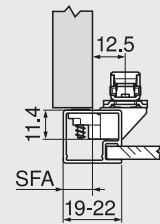
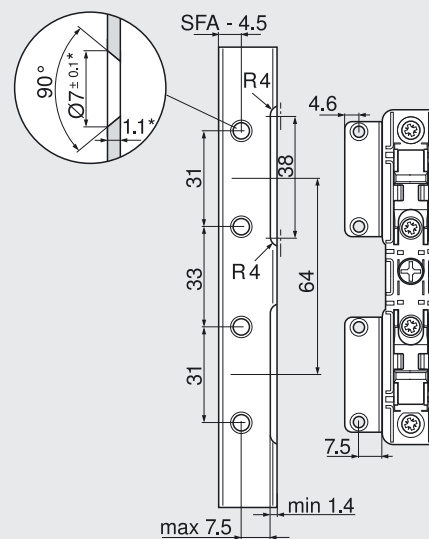
Wooden fronts and wide alu frames<sup>1)</sup>

SOB Top panel thickness

F Gap

SFA Side front overlay

### Planning narrow alu frames

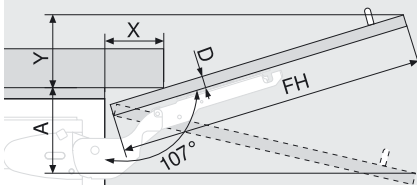


SFA Side front overlay

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

\* When changing material thickness, adjust the assembly dimensions accordingly

### Cornice and crown moulding clearance



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

Without OEB  $Y = FH \times 0.29 - 15 + D$

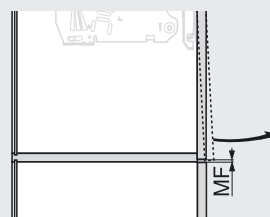
OEB 100°  $Y = FH \times 0.17 - 15 + D$

OEB 75°  $A = FH \times 0.26 + 15 - D$

FH Front height

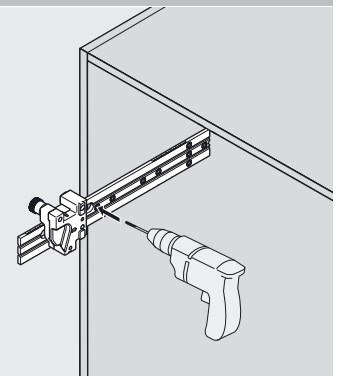
OEB Opening angle stop

### Min. gap



MF Minimum gap for opening (2 mm)

### Cabinet assembly



Drilling template

65.1051.01

Can be used for all lift systems

<sup>1)</sup> Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 self tapping screw, countersunk head (660.0950) for wide alu frames.