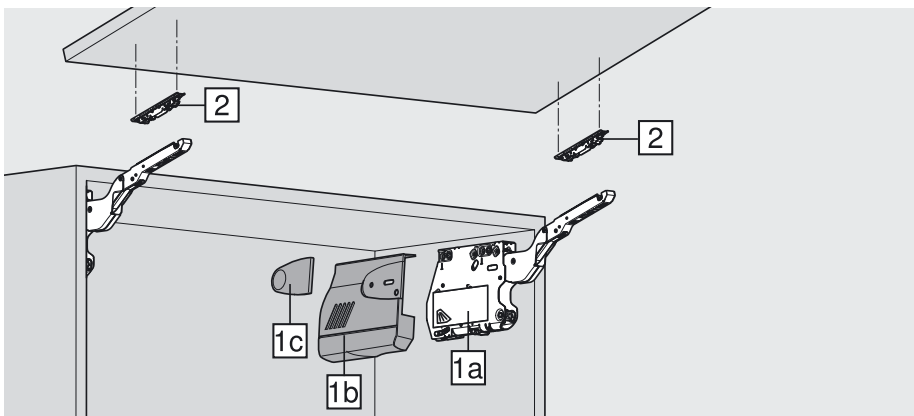




AVENTOS HK

Technical data sheet



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

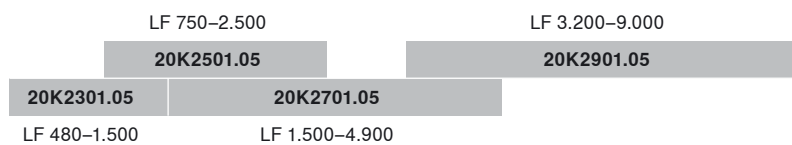
By establishing the power factor you can calculate the type and quantity of lift mechanisms.

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 ¹⁾ | 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 |
| | | |

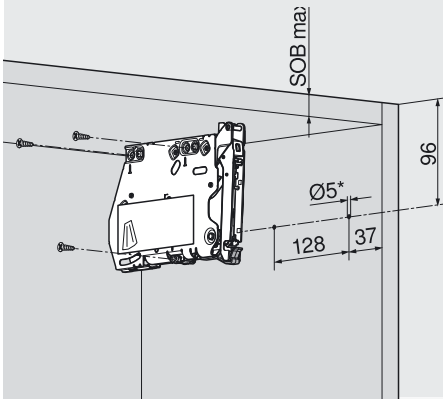
¹⁾ Use 4 chipboard screws (609.1x00) for wooden fronts. Use 4 self tapping screw, countersunk head (660.0950) for wide alu frames.

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.



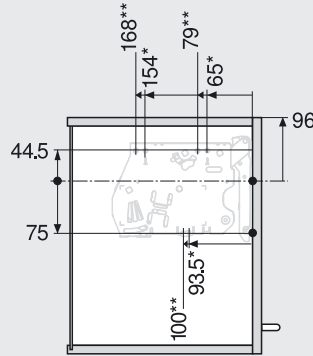
Peg positions for lift mechanism



* Drilling depth 5 mm

SOB Top panel thickness

Fixing positions for lift mechanism

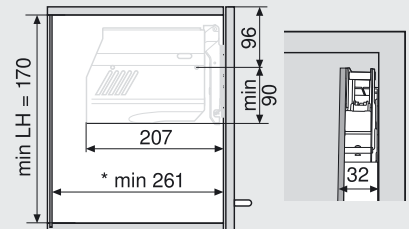


3 x Ø 4 x 35 mm

* Left

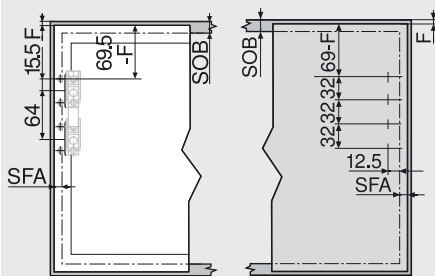
** Right

Space requirement



* min. 261 with visible wall hanging bracket

Front assembly



Narrow alu frames

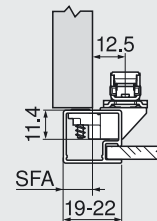
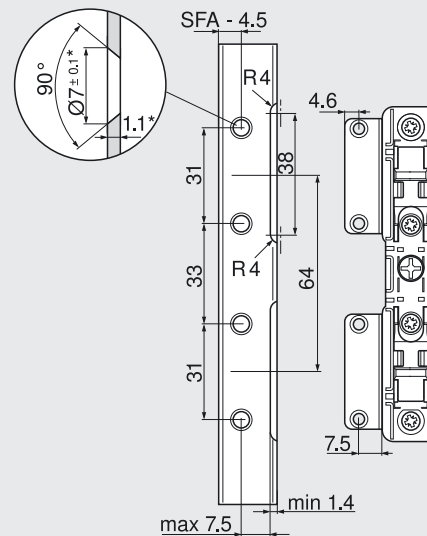
Wooden fronts and wide alu frames¹⁾

SOB Top panel thickness

F Gap

SFA Side front overlay

Planning narrow alu frames

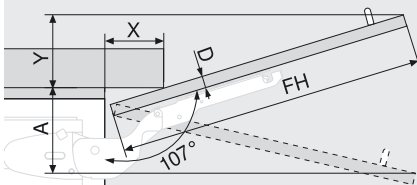


SFA Side front overlay

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 $Y = FH \times 0.29 - 15 + D$

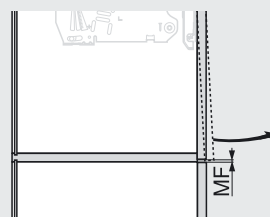
OEB 100° $Y = FH \times 0.17 - 15 + D$

OEB 75° $A = FH \times 0.26 + 15 - D$

FH Front height

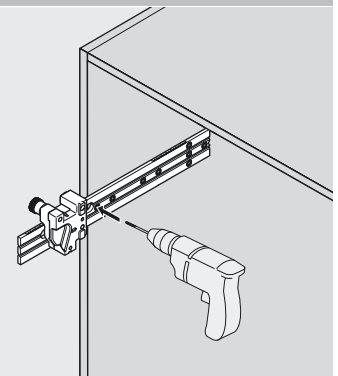
OEB Opening angle stop

Min. gap



MF Minimum gap for opening (2 mm)

Cabinet assembly



Drilling template

65.1051.01

Can be used for all lift systems

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