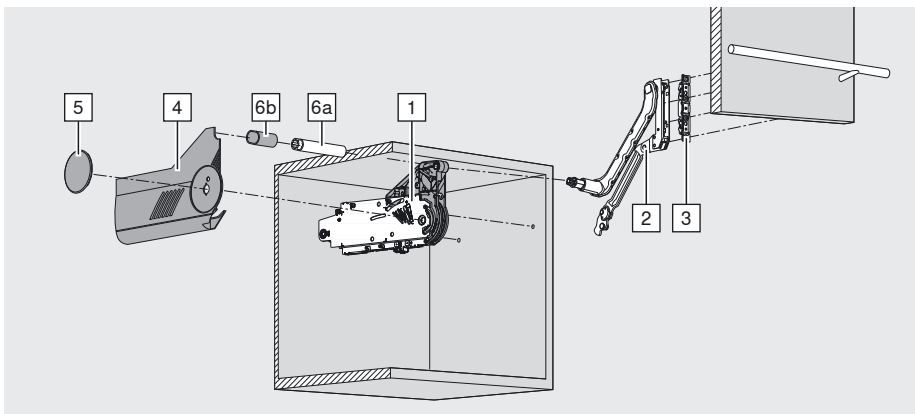




AVENTOS HL

Technical data sheet



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

In order to select the correct lift mechanism, it is necessary to establish both; the cabinet height and the weight of the front (including the handle)

Cabinet height	Lever arm	Lift mechanism					
		20L2101.05	20L2301.05	20L2501.05	20L2701.05	20L2901.05	
300–349 mm	20L3201.06	1.25–4.25 kg	3.50–7.25 kg	6.50–12.00 kg	11.00–20.00 kg		
350–399 mm	20L3501.06	1.25–2.50 kg	1.75–5.00 kg	4.25–9.00 kg	8.00–14.75 kg	13.50–20.00 kg	
400–550 mm	20L3801.06		1.75–3.50 kg	2.75–6.75 kg	5.75–11.75 kg	10.50–20.00 kg	
450–580 mm	20L3901.06			2.00–5.25 kg	4.25–9.25 kg	8.25–16.50 kg	

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

1	Lift mechanism symmetrical		
		2 x	20L2101.05
		2 x	20L2301.05
		2 x	20L2501.05
		2 x	20L2701.05
		2 x	20L2901.05

2	Lever arm		
	Nickel plated steel		
	Cabinet height 300-349 mm	left/right	20L3201.06
	Cabinet height 350-399 mm	left/right	20L3501.06
	Cabinet height 400-550 mm	left/right	20L3801.06
	Cabinet height 450-580 mm	left/right	20L3901.06

3	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

4	Cover plate		
	Either light grey, silk white or nickel-lacquered		
		left/right	20L8001.02

5	Cover cap round		
	Nylon dark grey, nickel-lacquered		
	Plain	2 x	20F9001
	Printed with the BLUM Logo	2 x	20F9001.BL
	can be printed with customer logo – min. from 1,000 pcs		

6	Oval cross stabiliser rod, pre-mounted		
	Cabinet width		
	500 mm	1 x	20Q334PA
	600 mm	1 x	20Q434PA
	800 mm	1 x	20Q634PA
	900 mm	1 x	20Q734PA
	1.000 mm	1 x	20Q834PA
	1.200 mm	1 x	20Q1034PA

Alternative:

6a	Oval cross stabiliser rod		
	Alu		
	For cutting to size, 1061 mm	1 x	20Q1061UA

6b	Cover cap for oval cross stabiliser		
	Nylon dark grey	2 x	20Q0003A01

	Connecting piece for cross stabiliser		
	Alu, Ø 16 mm, Starting with cabinet width 1,219 mm		
	Connecting piece for KS 15–16 mm	1 x	20Q159ZA1
	Connecting piece for KS 18–19 mm	1 x	20Q153ZA1
	Fixing	1 x	20Q0007
	Cover caps	2 x	20Q0008A

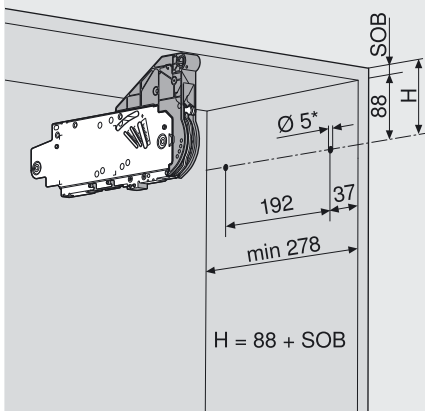
KS = Side panel thickness

	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.



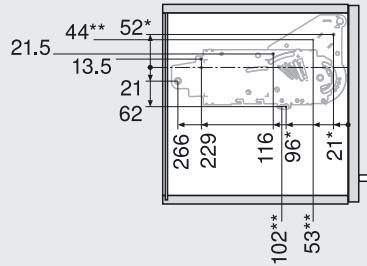
Peg positions for lift mechanism



SOB Top panel thickness

* Drilling depth 5 mm

Fixing positions for lift mechanism

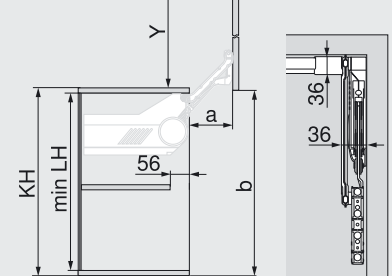


* left

** right

5 x Ø 4 x 35 mm

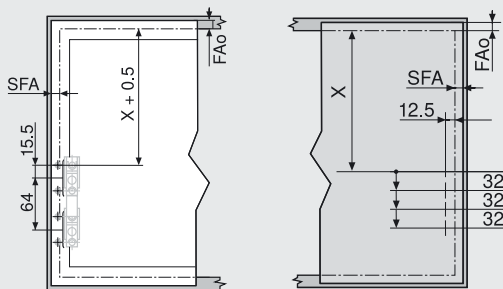
Space requirement



Lever arm	min LH (mm)*	y (mm)*
20L3201.06	262	264
20L3501.06	312	352
20L3801.06	362	440
20L3901.06	412	529

* dimensions apply to lower gap = 0 mm

Front assembly

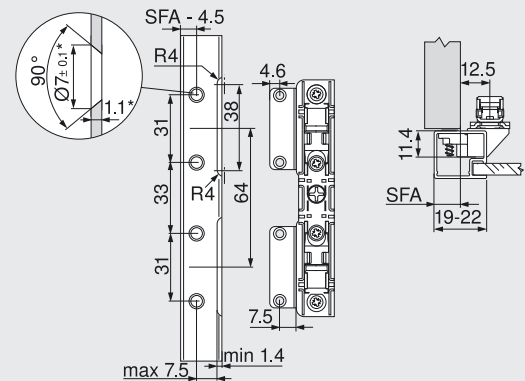


Narrow alu frames

Wooden fronts and wide alu frames¹⁾

Lever arm	X (mm)	FAo Upper front overlay
20L3201.06	153	SFA Side front overlay
20L3501.06	203	
20L3801.06	253	Wall application: Requires minimum gap 5 mm
20L3901.06	303	

Planning narrow alu frames

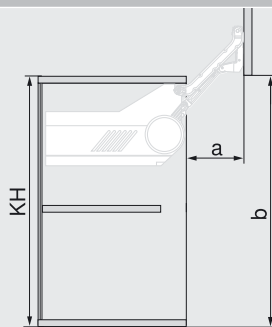


SFA Side front overlay

For frame width 19 mm: SFA of 11–18 mm possible

* When changing material thickness, adjust the assembly dimensions accordingly

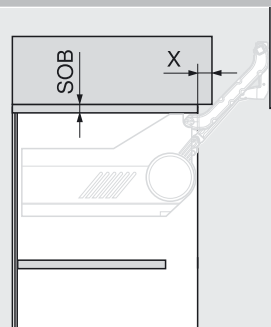
Front setting



Lever arm	a (mm)*	b (mm)*
20L3201.06	114	257
20L3501.06	146	345
20L3801.06	178	433
20L3901.06	210	522

* dimensions apply to lower gap = 0 mm

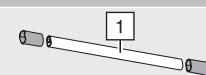
Cornice/Crown moulding clearance



SOB (mm)	X (mm)
16	28
18	30
19	31

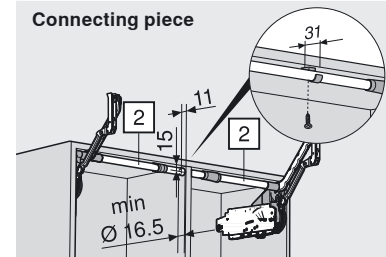
SOB Top panel thickness

Cross stabiliser



[1] KB (KS 15–19 mm) -166 mm and/or inner width -129 mm

Connecting piece



[2] half KB (KS 15–19 mm) -166 mm

KB Cabinet width

KS Side panel thickness

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