



# AVENTOS HS

Technical data sheet

# Order specification

## Selecting the lift mechanism



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)

### Example:

Cabinet height KH = 600 mm

Weight of front incl. handle = 10 kg

Lift mechanism selection =

**20S2E01.05**

Cabinet height KH = 602 mm rounded to KH = 600 mm

Cabinet height KH = 603 mm rounded to KH = 605 mm

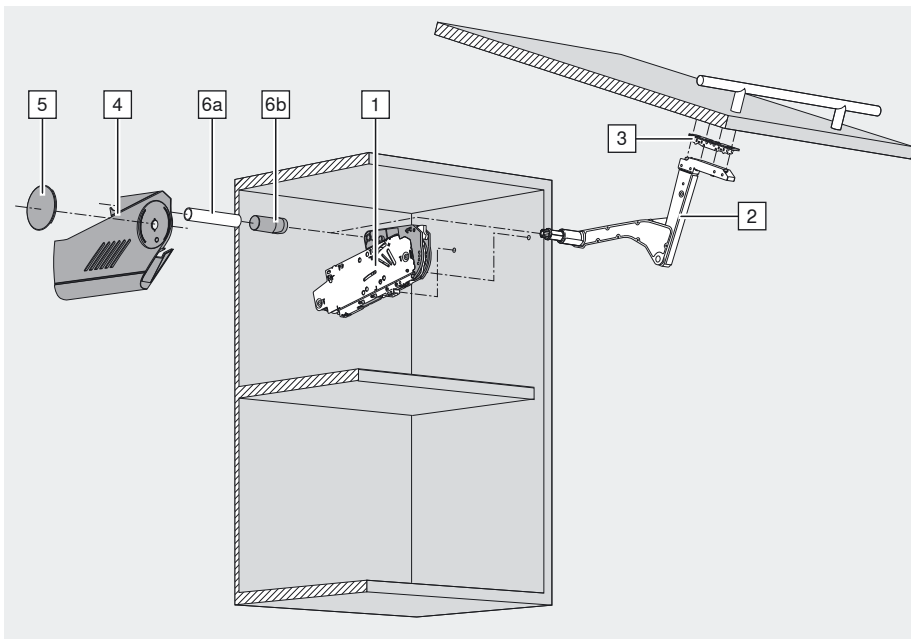
### Weight of front incl. handle (kg)

KH (mm)	20S2G01.05	20S2H01.05	20S2I01.05
800	4.00-7.00	6.00-12.25	10.50-20.00
795	4.00-7.00	6.00-12.25	10.50-20.00
790	4.00-7.00	6.00-12.25	10.75-20.00
785	4.00-7.00	6.25-12.50	10.75-20.00
780	4.00-7.00	6.25-12.50	10.75-20.25
775	3.75-7.00	6.25-12.50	11.00-20.25
770	3.75-7.00	6.25-12.50	11.00-20.25
765	3.75-7.25	6.50-12.50	11.00-20.25
760	3.75-7.25	6.50-12.75	11.25-20.25
755	3.75-7.25	6.50-12.75	11.25-20.50
750	3.50-7.25	6.50-12.75	11.50-20.50
745	3.50-7.25	6.50-12.75	11.50-20.50
740	3.50-7.25	6.50-12.75	11.75-20.75
735	3.50-7.50	6.50-13.00	11.75-20.75
730	3.50-7.50	6.75-13.00	11.75-21.00
725	3.50-7.50	6.75-13.00	12.00-21.00
720	3.50-7.50	6.75-13.00	12.00-21.25
715	3.50-7.50	6.75-13.00	12.00-21.25
710	3.50-7.75	6.75-13.25	12.25-21.25
705	3.50-7.75	6.75-13.25	12.25-21.50
700	3.50-7.75	6.75-13.25	12.50-21.50
695	3.50-7.75	6.75-13.25	12.50-21.50
690	3.50-7.75	6.75-13.25	12.75-21.50
685	3.50-8.00	7.00-13.25	12.75-21.50
680	3.50-8.00	7.00-13.50	13.00-21.50
676	3.50-8.00	7.00-13.50	13.00-21.50

KH (mm)	20S2D01.05	20S2E01.05	20S2F01.05
675	3.00-5.25	5.00-11.00	09.75-19.00
670	3.00-5.25	5.00-11.00	09.75-19.00
665	3.00-5.25	5.00-11.00	09.75-19.00
660	3.00-5.50	5.25-11.25	10.00-19.00
655	3.00-5.50	5.25-11.25	10.00-19.00
650	3.00-5.50	5.25-11.25	10.00-19.00
645	3.00-5.50	5.25-11.25	10.00-18.75
640	3.00-5.50	5.25-11.25	10.00-18.75
635	3.00-5.50	5.25-11.50	10.25-18.75
630	3.00-5.75	5.50-11.50	10.25-18.75
625	3.00-5.75	5.50-11.50	10.25-18.75

620	3.00-5.75	5.50-11.50	10.25-18.75
615	3.00-5.75	5.50-11.50	10.25-18.75
610	3.00-6.00	5.50-11.75	10.50-18.50
605	3.00-6.00	5.50-11.75	10.50-18.50
600	3.00-6.00	5.50-11.75	10.50-18.50
595	3.00-6.00	5.50-11.75	10.50-18.50
590	3.00-6.00	5.50-12.00	10.75-18.25
585	3.00-6.25	5.75-12.00	10.75-18.25
580	3.00-6.25	5.75-12.00	11.00-18.00
575	3.00-6.25	5.75-12.00	11.00-18.00
570	3.00-6.25	5.75-12.25	11.25-17.75
565	3.00-6.25	5.75-12.25	11.25-17.75
560	3.00-6.50	6.00-12.25	11.25-17.50
555	3.00-6.50	6.00-12.50	11.50-17.50
550	3.00-6.50	6.00-12.50	11.50-17.25
545	3.00-6.50	6.00-12.50	11.50-17.25
540	3.00-6.50	6.00-12.75	11.75-17.00
535	3.00-6.75	6.25-12.75	11.75-16.75
530	3.00-6.75	6.25-12.75	11.75-16.75
526	3.00-6.75	6.25-13.00	12.00-16.50

KH (mm)	20S2A01.05	20S2B01.05	20S2C01.05
525	2.50-4.00	3.25-7.50	7.25-15.00
520	2.50-4.00	3.50-7.50	7.25-15.00
515	2.50-4.00	3.50-7.50	7.25-14.75
510	2.50-4.00	3.50-7.75	7.50-14.75
505	2.50-4.00	3.50-7.75	7.50-14.75
500	2.50-4.25	3.50-7.75	7.50-14.75
495	2.50-4.25	3.75-7.75	7.50-14.50
490	2.50-4.25	3.75-8.00	7.75-14.50
485	2.50-4.25	3.75-8.00	7.75-14.25
480	2.50-4.25	3.75-8.00	7.75-14.25
475	2.50-4.25	3.75-8.00	7.75-14.00
470	2.50-4.25	4.00-8.25	8.00-14.00
465	2.25-4.25	4.00-8.25	8.00-13.75
460	2.25-4.25	4.00-8.25	8.00-13.75
455	2.25-4.25	4.00-8.50	8.25-13.50
450	2.25-4.25	4.00-8.50	8.25-13.50
445	2.25-4.50	4.25-8.50	8.25-13.25
440	2.25-4.50	4.25-8.50	8.25-13.00
435	2.25-4.50	4.25-8.75	8.50-13.00
430	2.25-4.50	4.25-8.75	8.50-12.75
425	2.25-4.50	4.25-8.75	8.50-12.75
420	2.25-4.50	4.25-8.75	8.50-12.50
415	2.25-4.50	4.25-8.75	8.50-12.50
410	2.25-4.50	4.25-9.00	8.75-12.25
405	2.25-4.50	4.25-9.00	8.75-12.00
400	2.00-4.75	4.25-9.00	8.75-12.00
395	2.00-4.75	4.50-9.00	8.75-11.75
390	2.00-4.75	4.50-9.00	8.75-11.50
385	2.00-4.75	4.50-9.25	9.00-11.50
380	2.00-4.75	4.50-9.25	9.00-11.25
375	2.00-4.75	4.50-9.25	9.00-11.25
370	2.00-4.75	4.50-9.25	9.00-11.00
365	2.00-4.75	4.50-9.25	9.00-11.00
360	2.00-4.75	4.50-9.50	9.25-10.75
355	2.00-4.75	4.50-9.50	9.25-10.50
350	2.00-5.00	4.50-9.50	9.25-10.50



9 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)

**Example:**

Cabinet height KH = 600 mm  
 Weight of front incl. handle = 10 kg  
 Lift mechanism selection =

**20S2E01.05**

Cabinet height KH = 602 mm rounded to KH = 600 mm  
 Cabinet height KH = 603 mm rounded to KH = 605 mm

1	Lift mechanism symmetrical			
	2 x	20S2A01.05	20S2B01.05	20S2C01.05
	2 x	20S2D01.05	20S2E01.05	20S2F01.05
	2 x	20S2G01.05	20S2H01.05	20S2I01.05

6	Cross stabiliser rod round pre-mounted	
	Cabinet width	
	600 mm	20Q434PN
	800 mm	20Q634PN
	900 mm	20Q734PN
	1.200 mm	20Q1034PN

2	Lever arm	
	Nickel plated steel	
		left/right 20S3501.06

**Alternative:**

6a	Cross stabiliser rod round	
	Alu, Ø 16 mm, For cutting to size, 1,061 mm	20Q1061UN

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

6b	Cover cap for round cross stabiliser	
	Nylon dark grey	
		2 x 20Q0003.03

4	Cover plate	
	Either light grey, silk white or nickel-lacquered	
		left/right 20S8001

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 20Q159ZN1
	Connecting piece for KS 18–19 mm	1 x 20Q153ZN1
	Fixing	1 x 20Q0007
	Cover caps	2 x 20Q0003

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 – minimums from 1.000 pcs	

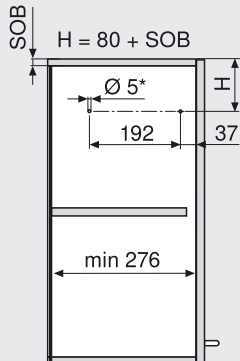
KS = Side panel thickness

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.



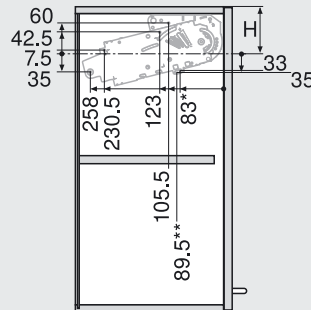
## Peg positions for lift mechanism



\* Drilling depth 5 mm

SOB Top panel thickness

## Fixing positions for lift mechanism

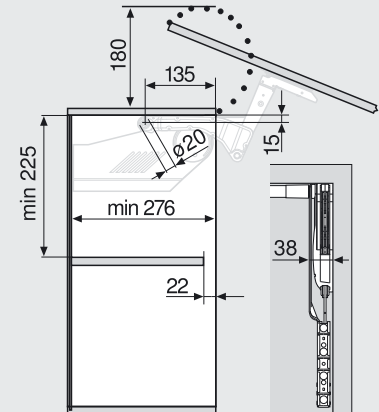


5 x Ø 4 x 35 mm

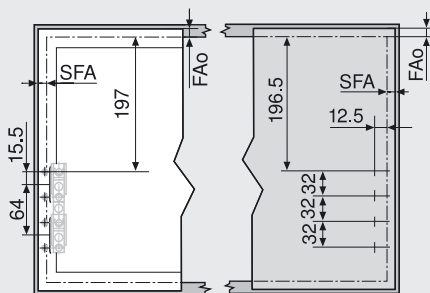
\* Left

\*\* Right

## Space requirement



## Front assembly



Narrow alu frames

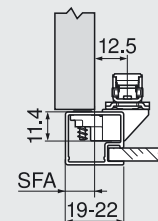
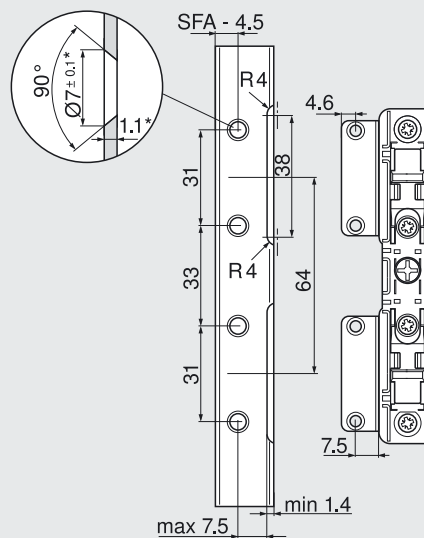
Wooden fronts and wide alu frames<sup>1)</sup>

FAo Upper front overlay

SFA Side front overlay

Wall application: Requires 5 mm min. gap

## Planning narrow alu frames

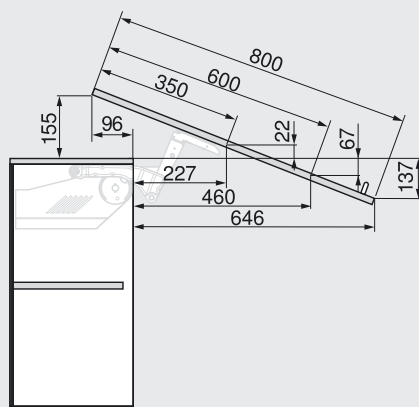


SFA Side front overlay

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

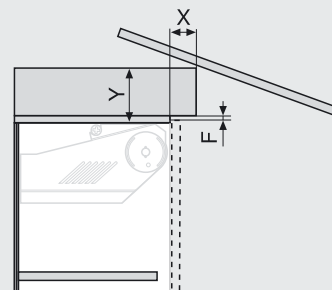
\* When changing material thickness, adjust the assembly dimensions accordingly

## Front setting



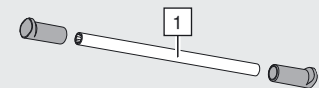
Dimensions depend on tilt adjustment

## Cornice and crown moulding clearance



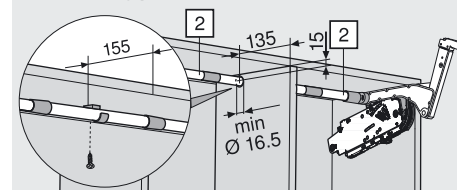
Gap F	X max	Y max
3 mm	35 mm	101 mm
2 mm	31 mm	101 mm
1.5 mm	28 mm	101 mm

## 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

<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.