



AVENTOS

Mitred and rebated applications

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Mitred application – AVENTOS HF bi-fold lift system



Rebated application – AVENTOS HF bi-fold lift system



Mitred application – AVENTOS HS up & over lift system



Rebated application – AVENTOS HS up & over lift system



Mitred application – AVENTOS HL lift up



Rebated application – AVENTOS HL lift up



Mitred application – AVENTOS HK stay lift system



Rebated application – AVENTOS HK stay lift system

An inspiring range of lift systems in motion

The fascinating motion quality of the AVENTOS fittings is now also available for lift systems designed with mitres or rebates. The situation here is that the standard fittings can still be used with minor positional adjustment. Using the new application options, creative design ideas can be implemented to best effect.

Lift systems are particularly convenient as the smooth action and access to the cabinet are always achieved. AVENTOS lift systems also remain in any position when they are being opened and are therefore within easy reach to close. Extra convenience is provided by the SERVO-DRIVE or TIP-ON opening support systems

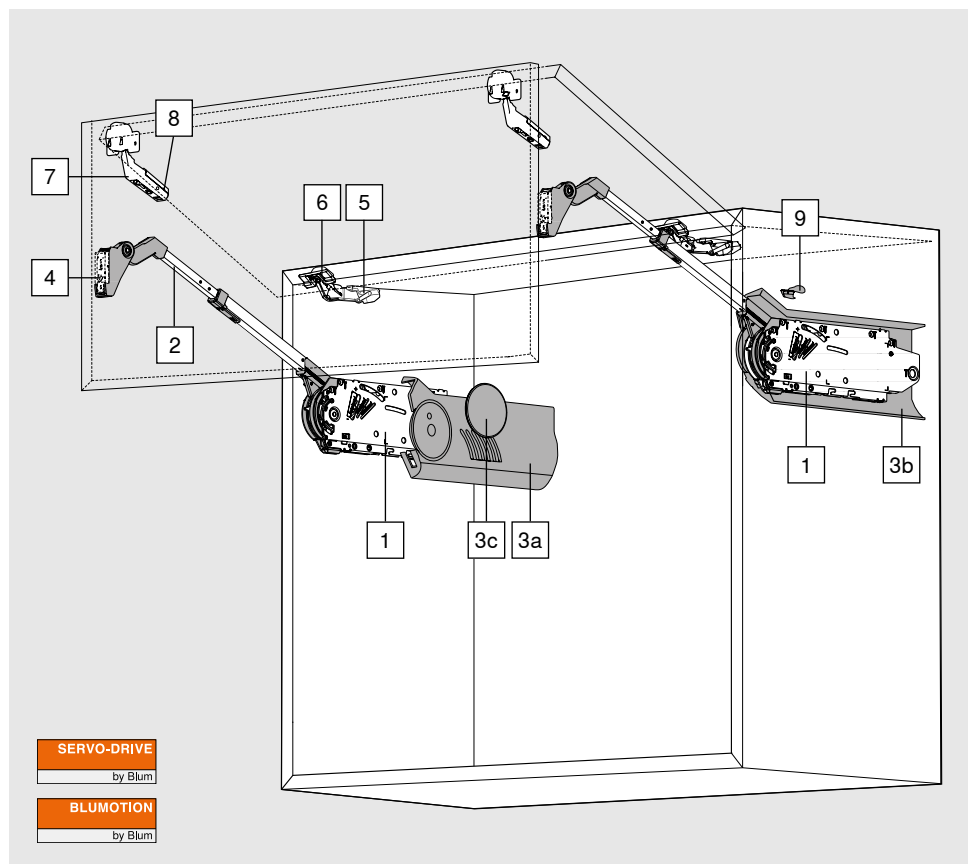
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AVENTOS HF



Ordering information Symmetrical wooden fronts



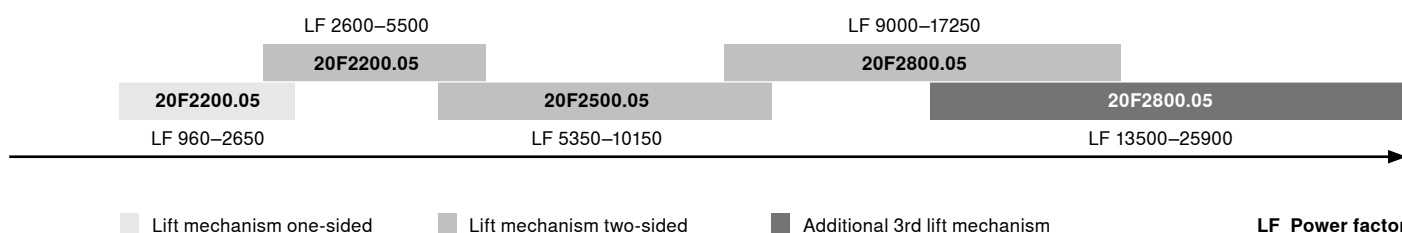
The AVENTOS HF bi-fold lift system is the ideal solution for high and mid height wall units. Thanks to the two-piece front, the overhead space requirement is reduced even for tall cabinets. There are therefore many design options available for the wall cabinet.

Unlike standard applications, for mitres or rebates you need:

- CLIP top 155° hinge
- Opening angle stop 104°
- Mounting plate spacing 6 mm (only for rebated fronts)



Power factor LF = cabinet height KH (mm) x front weight bottom and top incl. handle (kg)

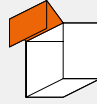


We recommend the more powerful lift mechanism for overlapping areas.

1	Lift mechanism set	
	Power factor LF	
	2600–5500 (1 piece LF 960–2650)	20F2200.05
	5350–10150	20F2500.05
	9000–17250 (3 pieces LF 13500–25900)	20F2800.05
	Composed of:	
	2 x symmetrical lift mechanisms	
	10 x chipboard screws Ø 4 x 35 mm	

2	Telescopic arm set	
	Nickel plated steel	
	Cabinet height 480–570 mm	20F3200.01
	Cabinet height 560–710 mm	20F3500.01
	Cabinet height 700–900 mm	20F3800.01
	Cabinet height 760–1040 mm	20F3900.01
	Composed of:	
	2 x symmetrical telescopic arms	

Ordering information Symmetrical wooden fronts



AVENTOS HF



3	Cover cap set		
	Plastic		
	light grey, silk white, nickel-lacquered		20F8000
	Consisting of:		
3a	1 x cover cap large left		
3b	1 x cover cap large right		
3c	2 x round cover caps		

4	Mounting plate for telescopic arm		
	All horizontal mounting plates with 0 mm distance		
	Recommendation:		
	Screws ¹⁾	Spacing 0 mm 2 x	175H3100
	EXPANDO	Spacing 0 mm 2 x	177H3100E
	Knock-in	Spacing 0 mm 2 x	177H3100

5	Mounting plate for CLIP top 155° hinge		
	Mitred application recommendation		
	Screws ¹⁾	Spacing 0 mm 2 x*	175H3100
	EXPANDO	Spacing 0 mm 2 x*	177H3100E
	Knock-in	Spacing 0 mm 2 x*	177H3100
	Rebated application recommendation		
	Screws ²⁾	Spacing 6 mm 2 x*	175H9160

6	CLIP top 155° hinge		
	Boss:	Screws ¹⁾	2 x*
	Steel boss	Unsprung	70T7600NTL
	Boss:	INSERTA	2 x*
	Steel boss	Unsprung	☎

7	CLIP top centre hinge		
	Boss:	Screws ¹⁾	2 x*
	Zinc boss	Unsprung	78Z5500T
	Boss:	EXPANDO	2 x*
	Zinc boss	Unsprung	78Z553ET

8	Mounting plate for CLIP top centre hinge		
	Standard mounting plates with 0 mm distance		
	Recommendation:		
	Screws ¹⁾	Spacing 0 mm 2 x*	175H3100
	EXPANDO	Spacing 0 mm 2 x*	177H3100E
	Knock-in	Spacing 0 mm 2 x*	177H3100

9	Opening angle stop		
	Plastic		
	104° deep grey	2 x	20F7051
	83° Dust grey	2 x	20F7011

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

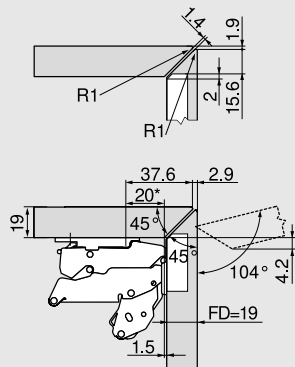
i	Information	
	For SERVO-DRIVE order specification, refer to the Blum catalogue.	
	For SERVO-DRIVE planning situation, refer to pages	20/21

¹⁾ Use chipboard screws (609.1x00) for wooden fronts.

²⁾ Use Ø 6 x 14.5 mm system screws (661.1450).

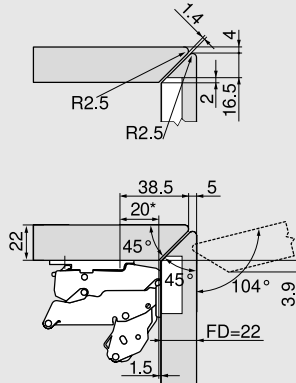
* Number of hinges, see front assembly

Fully surrounded (four sided) mitred applications



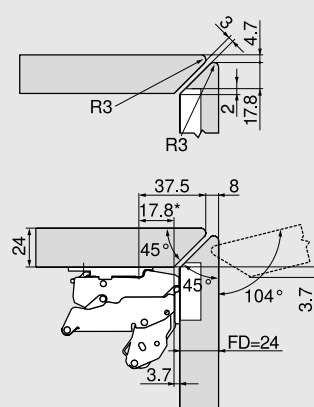
Hinge for dual applications

0 mm mounting plate



Hinge for dual applications

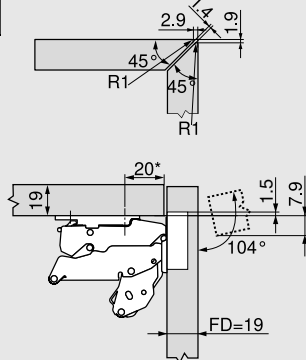
0 mm mounting plate



Hinge for dual applications

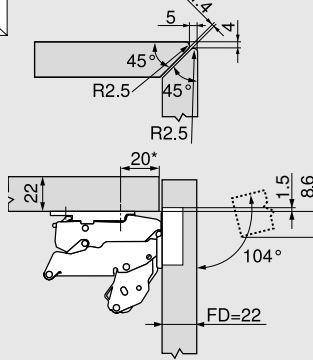
0 mm mounting plate

Lateral (two sided) mitred applications



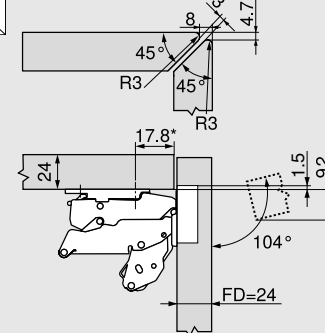
Hinge for dual applications

0 mm mounting plate



Hinge for dual applications

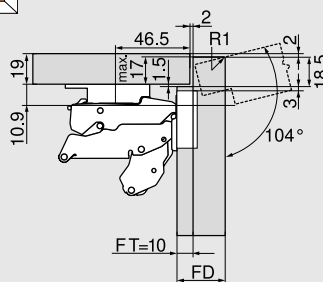
0 mm mounting plate



Hinge for dual applications

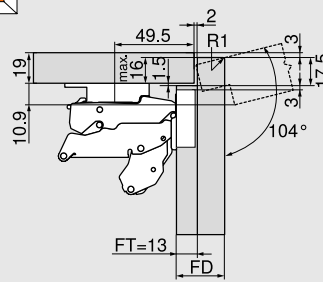
0 mm mounting plate

Rebated applications



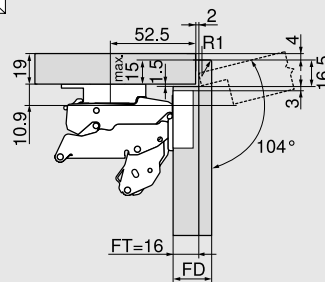
Hinge for dual applications

6 mm mounting plate



Hinge for dual applications

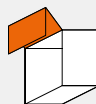
6 mm mounting plate



Hinge for dual applications

6 mm mounting plate

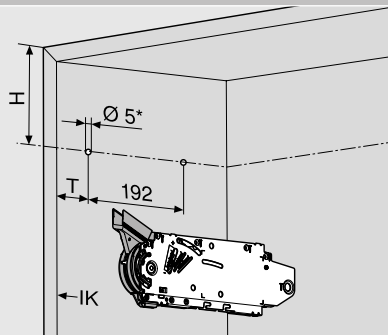
Planning information for symmetrical wooden fronts



AVENTOS HF



Drilling position



4 x Ø 4 x 35 mm

T Mitred:
37 mm from IK for FD 19 and 22 mm
34.8 mm from IK for FD 24 mm

Rebate:
37 mm + FT from IK

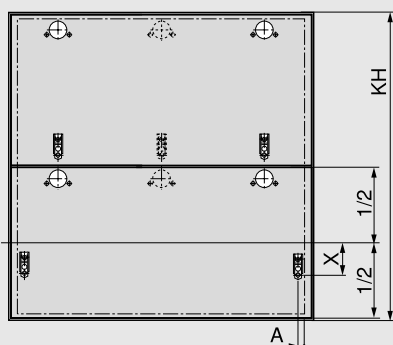
IK Cabinet inner edge

FT Rebate depth

* Drilling depth 5 mm

Cabinet height	H
480–549 mm	KH x 0.3 -28 mm
550–1040 mm	KH x 0.3 -57 mm

Front assembly



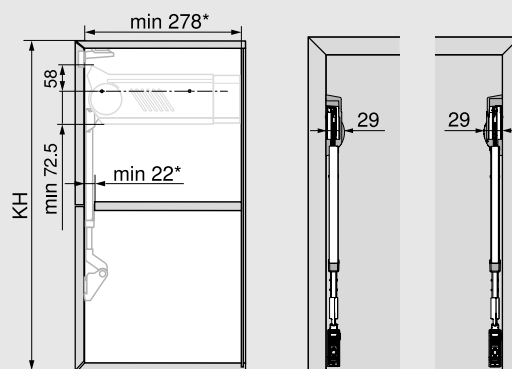
KH Cabinet height

A Mitred:
12 mm from front inner edge
Rebated:
11 mm from front inner edge

Number of hinges
3 hinges starting at cabinet width 1200 mm
and/or 12 kg door weight
4 hinges starting at cabinet width 1800 mm
and/or 20 kg door weight

	X
Cabinet height (KH)	177H3100, 177H3100E 177H3100E10, 177H5100 175H3100, 175H4100
480–549 mm	70 mm
550–1040 mm	47 mm

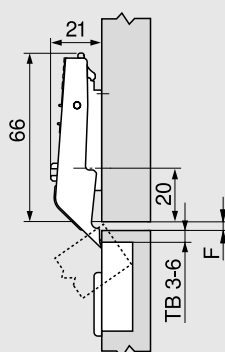
Space requirement



KH Cabinet height

* For rebated application + FT

CLIP top centre hinge



Min. gap F = 1.5 mm

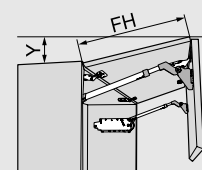
Drilling distance TB

Centre gap F

	3	4	5	6
0	6	5	4	3
3				
6				
9				

Mounting plate

Space requirement

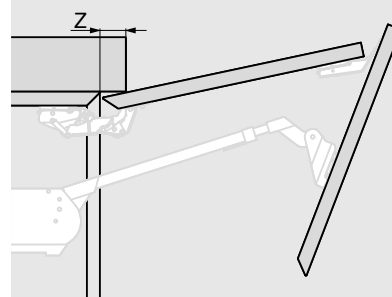


FH Front height

Opening angle stop

104°	$Y = FH \times 0.24 + 34 \text{ mm}$
83°	$Y = 0 \text{ mm}$

Cornice/Crown moulding clearance



Mitred application

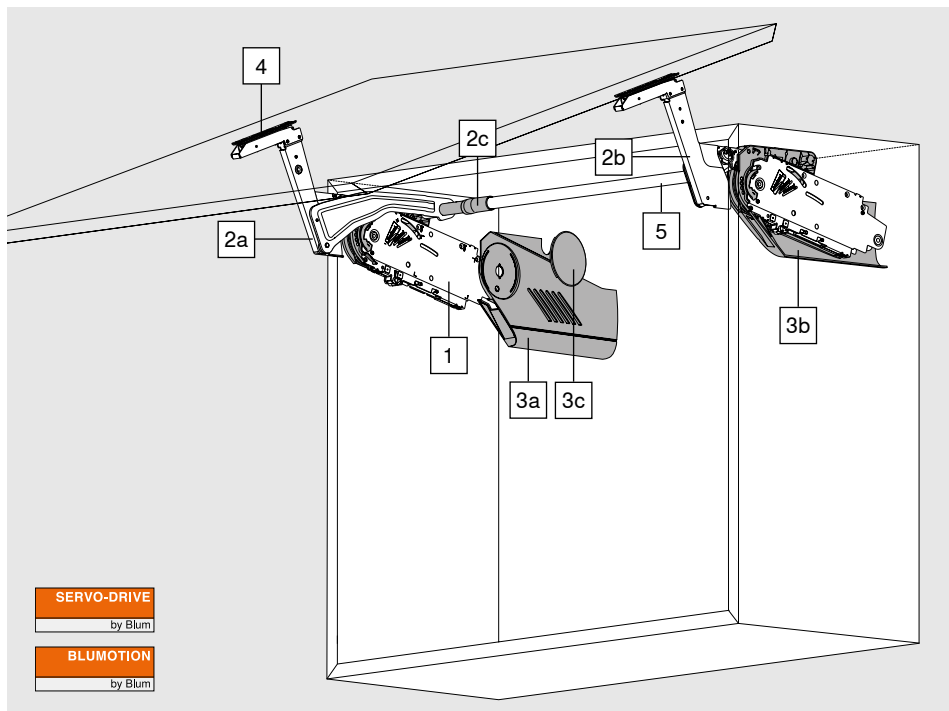
FD (mm)	19	22	24						
Z (mm)	40	34	33						

Rebated application

FT (mm)	10		13		16				
FD (mm)	19	22	25	19	22	25	19	22	25
Z (mm)	70	58	45	67	55	42	64	52	39

FD Front thickness

FT Rebate depth



With the AVENTOS HS, even large, one-part fronts appear to defy gravity by swinging up effortlessly. There's enough space for design features such as crown mouldings or cornices.

The cabinet front and door weight is required in order to select the correct lift mechanism.

Example:

KH = 600 mm, weight of front = 10 kg
Selection of lift mechanism = **20S2E00.05**

KH = 602 mm → 600 mm

KH = 603 mm → 605 mm

We recommend the more powerful lift mechanism for overlapping areas.

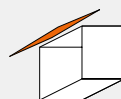
1	Lift mechanism set			
	KH 350–525 mm	20S2A00.05	20S2B00.05	20S2C00.05
	KH 526–675 mm	20S2D00.05	20S2E00.05	20S2F00.05
	KH 676–800 mm	20S2G00.05	20S2H00.05	20S2I00.05
Consisting of:				
2 x symmetrical lift mechanisms				
10 x chipboard screws Ø 4 x 35 mm				
2	Lever arm set			
	Steel, nickel plated			20S3500.06
	Consisting of:			
2a	1 x lever arm left			
2b	1 x lever arm right			
2c	2 x cross stabiliser cover caps			
3	Cover cap set			
	Plastic			
	light grey, silk white, nickel-lacquered			20S8000
Consisting of:				
3a	1 x cover cap large left			
3b	1 x cover cap large right			
3c	2 x round cover caps			

4	Front fixing bracket set	
	Nickel plated	
	Wooden fronts ¹⁾	20S4200
¹⁾ Use 4 chipboard screws (609.1x00) per side for wooden fronts.		
5	Cross stabiliser rod round	
	Aluminium, Ø 16 mm	
	For cutting to size, 1061 mm	20Q1061UN
Cutting: LW - 129 mm		
Connecting piece set for cross stabiliser		
	Aluminium, Ø 16 mm	
	With LW greater than 1190 mm	20Q153ZN
Cutting for 5: LW / 2 - 147 mm		
Consisting of:		
1 x connecting piece		
1 x fixing		
2 x cross stabiliser cover caps		
Bit PZ cross slot		
	Size 2, length 39 mm	
		BIT-PZ KS2

KH Cabinet height

LW Inner cabinet width

Order specification



AVENTOS HS



Weight of front incl. handle (kg)

KH (mm)	20S2G00.05	20S2H00.05	20S2I00.05
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)	20S2D00.05	20S2E00.05	20S2F00.05
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)	20S2A00.05	20S2B00.05	20S2C00.05
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



Information

For SERVO-DRIVE order specification, refer to the Blum catalogue.

For SERVO-DRIVE planning situation, refer to pages

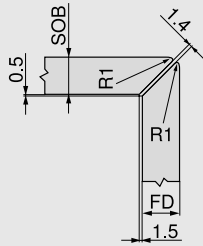
20/21

AVENTOS HS



Planning information

Mitred application

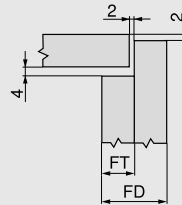


SOB Top panel thickness

FD Front thickness

R Radius

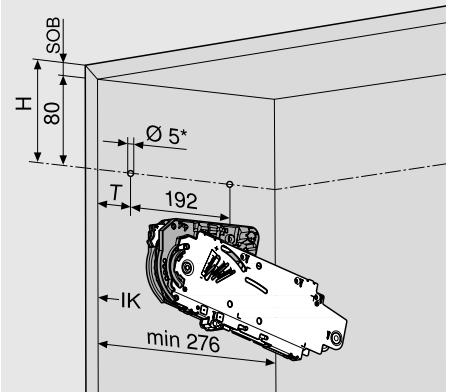
Rebated application



FD Front thickness

FT Rebate depth

Drilling position



5 x Ø 4 x 35 mm

T **Mitred:** 37 mm from IK
Rebated: 37 mm + FT from IK

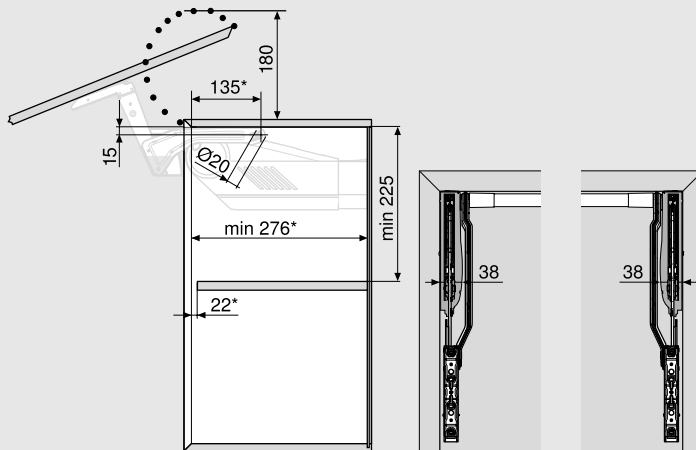
H 80 mm + SOB

IK Cabinet inner edge

SOB Top panel thickness

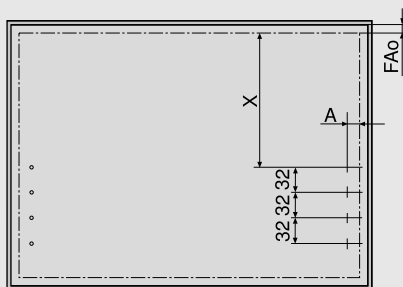
* Drilling depth 5 mm

Space requirement



* For rebated application + FT

Front assembly



FAo Upper front overlay

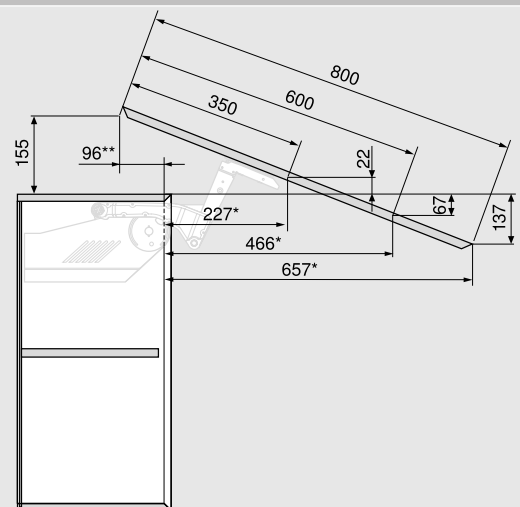
A Space to front inner edge
Mitred: 12 mm, **Rebated:** 8.5 mm

X Space to front inner edge
Mitred: 96 mm, **Rebated:** 92.5 mm

Wall application: Requires 5 mm minimum gap

Use 4 chipboard screws (609.1x00) per side for wooden fronts.

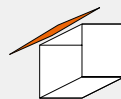
Front setting



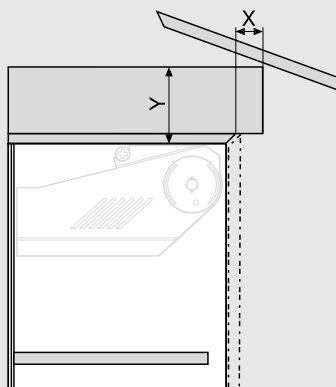
* For rebated application – FT

** For rebated application + FT

Dimensions depend on tilt adjustment and front thickness.



Cornice/Crown moulding clearance



Mitred application

FD	19 mm	22 mm	24 mm
X max	25 mm	23 mm	20 mm
Y max	82 mm	78 mm	76 mm

Rebated application

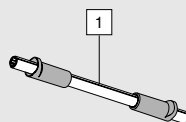
FT	10 mm	13 mm	16 mm
FD	19–25 mm	19–25 mm	19–25 mm
X max	28 mm	29 mm	28 mm
Y max	85 mm	83 mm	82 mm

Gap = 2 mm

FD Front thickness

FT Rebate depth

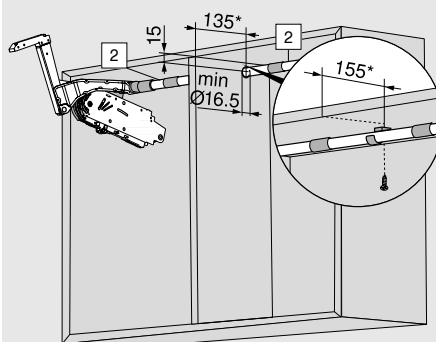
Cross stabiliser



[1] LW - 129 mm

LW Internal cabinet width

Connecting piece

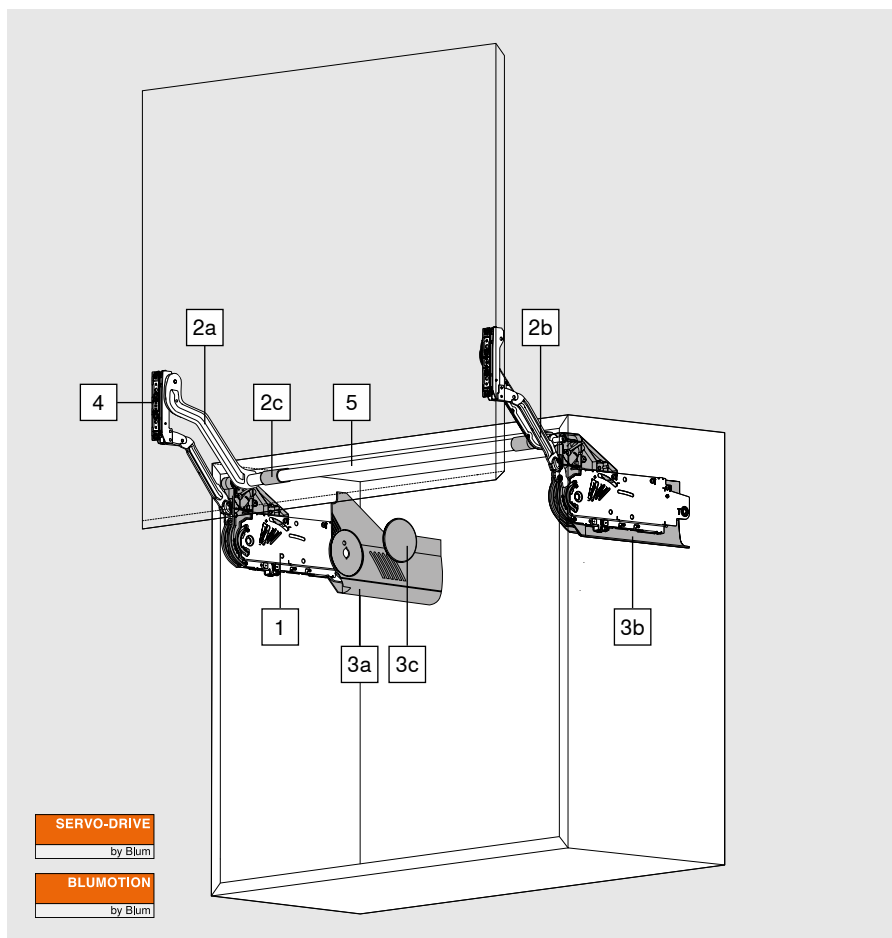


[2] Half LW - 147 mm

LW Internal cabinet width

FT Rebate depth

* For rebated application + FT



The AVENTOS HL lift up is the ideal solution for small-area, single-piece fronts. As the front moves upwards parallel to the cabinet with this application, special installation situations, such as the installation of electrical equipment in the high cabinet, can be implemented to best effect.

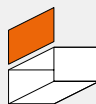
Weight of front incl. handle (kg)	Cabinet height			
	307–356 mm	357–406 mm	407–557 mm	457–587 mm
	Lever arm set			
Lift mechanism set	20L3200.06	20L3500.06	20L3800.06	20L3900.06
20L2100.05	1.25–4.25 kg	1.25–2.50 kg		
20L2300.05	3.50–7.25 kg	1.75–5.00 kg	1.75–3.50 kg	
20L2500.05	6.50–12.00 kg	4.25–9.00 kg	2.75–6.75 kg	2.00–5.25 kg
20L2700.05	11.00–20.00 kg	8.00–14.75 kg	5.75–11.75 kg	4.25–9.25 kg
20L2900.05		13.50–20.00 kg	10.50–20.00 kg	8.25–16.50 kg

We recommend the more powerful lift mechanism for overlapping areas.

1	Lift mechanism set	
		20L2100.05
		20L2300.05
		20L2500.05
		20L2700.05
		20L2900.05
Consisting of:		
2 x symmetrical lift mechanisms		
10 x chipboard screws Ø 4 x 35 mm		

2	Lever arm set	
	Cabinet height 307–356 mm	20L3200.06
	Cabinet height 357–406 mm	20L3500.06
	Cabinet height 407–557 mm	20L3800.06
	Cabinet height 457–587 mm	20L3900.06
	Composed of:	
2a	1 x lever arm left	
2b	1 x lever arm right	
2c	2 x cross stabiliser cover caps	


Order specification





AVENTOS HL




3	Cover cap set	
	Plastic	
	light grey, silk white, nickel-lacquered	20L8000.01
	Consisting of:	
3a	1 x cover cap large left	
3b	1 x cover cap large right	
3c	2 x round cover caps	

4	Front fixing bracket set	
	Nickel plated	
	Wooden fronts ¹⁾	20S4200
	Composed of:	
	2 x symmetrical front fixing brackets	
	¹⁾ Use 4 chipboard screws (609.1x00) per side for wooden fronts.	

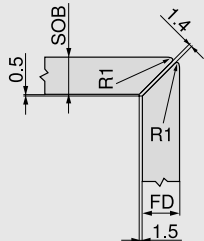
5	Cross stabiliser rod oval	
	Aluminium, Ø 16 mm	
	For cutting to size, 1061 mm	20Q1061UA
	Cutting: LW - 129 mm	
	LW Inner cabinet width	

	Connecting piece set for cross stabiliser	
	Aluminium, Ø 16 mm	
	With LW of 1190 mm and up	20Q153ZA
	Cutting for 5: LW / 2 - 147 mm	
	Consisting of:	
	1 x connecting piece	
	1 x fixing	
	2 x cross stabiliser cover caps	
	LW Inner cabinet width	

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

i	Information	
	For SERVO-DRIVE order specification, refer to the Blum catalogue.	
	For SERVO-DRIVE planning situation, refer to pages	20/21

Mitred application

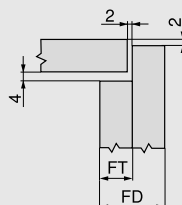


SOB Top panel thickness

FD Front thickness

R Radius

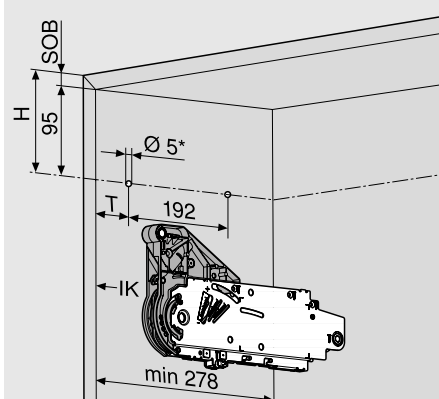
Rebated application



FD Front thickness

FT Rebate depth

Drilling position



5 x Ø 4 x 35 mm

T **Mitred:** 37 mm from IK
Rebated: 37 mm + FT from IK

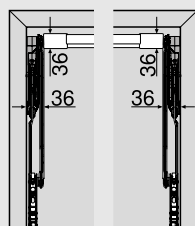
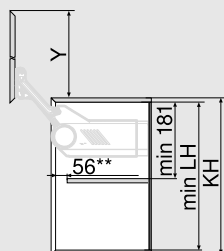
H 95 mm + SOB

IK Cabinet inner edge

SOB Top panel thickness

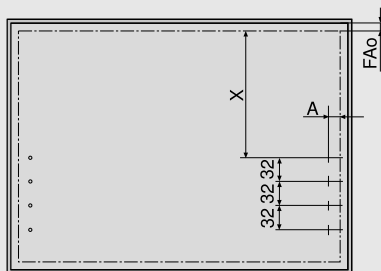
* Drilling depth 5 mm

Space requirement



Lever arm set	min LH*	Y*	LH Internal cabinet height
20L3200.06	262 mm	264 mm	KH Cabinet height
20L3500.06	312 mm	352 mm	FT Rebate depth
20L3800.06	362 mm	440 mm	* Dimensions in relation to lower gap = 0 mm
20L3900.06	412 mm	529 mm	** For rebated application + FT

Front assembly



Lever arm set	X (mitred)	X (rebated)
20L3200.06	159.5 mm	156 mm
20L3500.06	209.5 mm	206 mm
20L3800.06	259.5 mm	256 mm
20L3900.06	309.5 mm	306 mm

FAo Upper front overlay

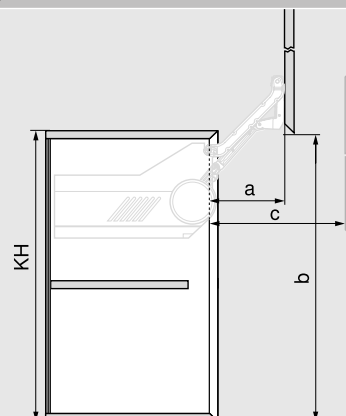
A Space to front inner edge
Mitred: 12 mm, **Rebated:** 8.5 mm

X Space to front inner edge

Wall application: Requires 5 mm minimum gap

Use 4 chipboard screws (609.1x00) per side for wooden fronts.

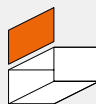
Front setting



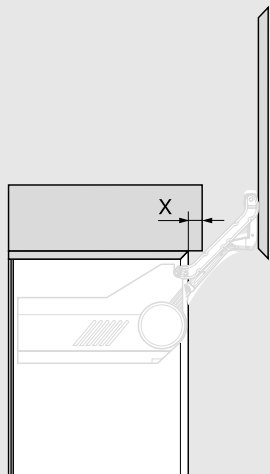
Lever arm set	a**	b*	max. c**
20L3200.06	114 mm	256 mm	159 mm
20L3500.06	146 mm	344 mm	209 mm
20L3800.06	178 mm	432 mm	259 mm
20L3900.06	210 mm	521 mm	309.5 mm

* Dimensions in relation to lower gap = 2 mm

** For rebated application – FT



Cornice/Crown moulding clearance



Mitred application

FD	19 mm	22 mm	24 mm
X	18 mm	18 mm	18 mm

Rebated application

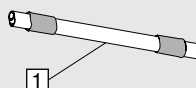
FT	10 mm	13 mm	16 mm
FD	19–25 mm	19–25 mm	19–25 mm
X	29 mm	26 mm	23 mm

Gap = 2 mm

FD Front thickness

FT Rebate depth

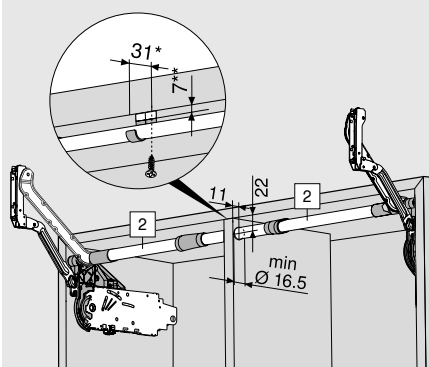
Cross stabiliser



[1] LW - 129 mm

LW Internal cabinet width

Connecting piece



[2] Half LW - 147 mm

LW Internal cabinet width

FT Rebate depth

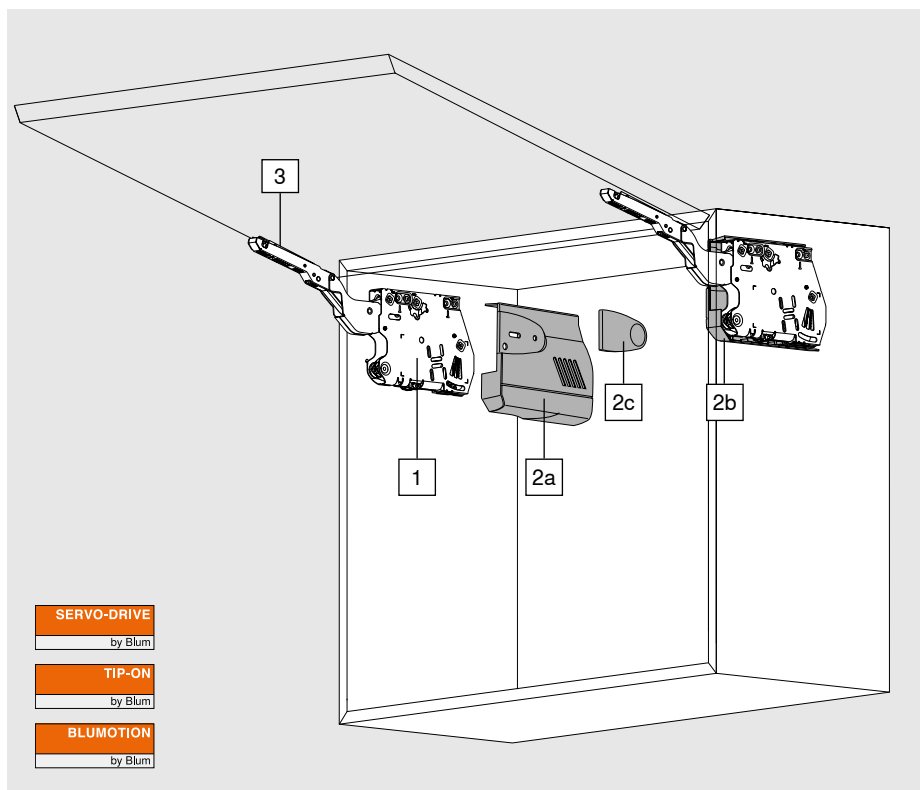
* For rebated application + FT, in relation to cabinet inner edge

** Add 7 mm spacing

AVENTOS HK



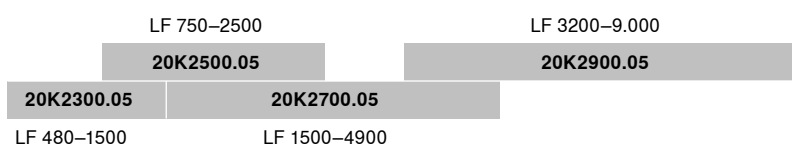
Order specification



With the AVENTOS HK, the single-piece front needs little space above. This lift system fitting is therefore suitable for lift systems in wall cabinets, in a tall cabinet or above the refrigerator.



Power factor LF = cabinet height KH (mm) x front weight incl. double handle weight (kg)



■ Lift mechanism two-sided

LF Power factor

We recommend the more powerful lift mechanism for overlapping areas.

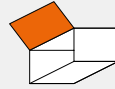
1	Lift mechanism set		
	Power factor	Opening angle	
	480-1500	107°	20K2300.05
	750-2500	107°	20K2500.05
	1500-4900	107°	20K2700.05
	3200-9000	100° *)	20K2900.05
Consisting of:			
2 x symmetrical lift mechanisms			
6 x chipboard screws Ø 4 x 35 mm			
Max. door weight 18 kg for two lift mechanisms			
*) Pre-mounted opening angle stop			

2	Cover cap set	
	Plastic	
	light grey, silk white, nickel-lacquered	20K8000
	Composed of:	
2a	1 x cover cap large left	
2b	1 x cover cap large right	
2c	2 x cover caps small	

Note

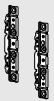
We recommend a lift mechanism attached to the centre panel for wide cabinets. The reason for this is to prevent the middle of the front from sagging when open.


Order specification




AVENTOS HK



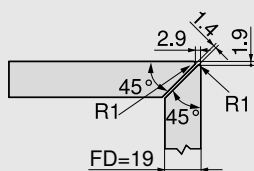
3	Front fixing bracket set	
	Nickel plated	
	Wooden fronts ¹⁾	20S4200
	Consisting of:	
	2 x symmetrical front fixing brackets	
	¹⁾ Use 4 chipboard screws (609.1x00) per side for wooden fronts.	

	Opening angle stop		
	Plastic		
	100° deep grey	2 x	20K7041
	75° Dust grey	2 x	20K7011

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

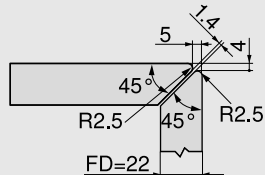
i	Information	
	For SERVO-DRIVE and TIP-ON order specification, refer to the Blum catalogue.	
	For SERVO-DRIVE planning situation, refer to pages	20/21
	For TIP-ON planning situation, refer to pages	22/23

Mitred application



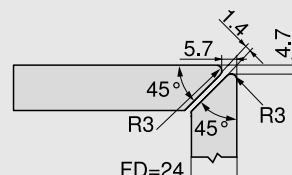
FD Front thickness

R Radius



FD Front thickness

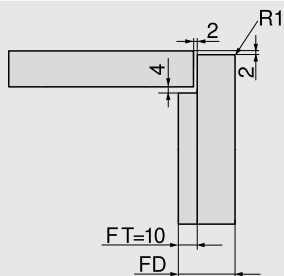
R Radius



FD Front thickness

R Radius

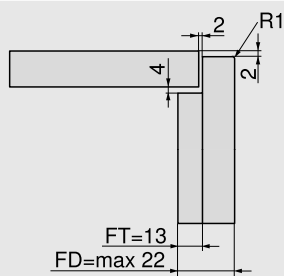
Rebated application



FD Front thickness

FT Rebate depth

R Radius

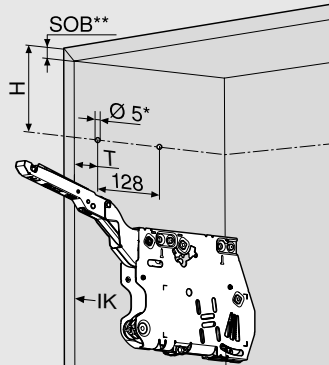


FD Front thickness

FT Rebate depth

R Radius

Drilling position



3 x Ø 4 x 35 mm

T **Mitred:** 37 mm from IK
Rebated: 37 mm + FT from IK

H **Mitred:** 90 mm
Rebated: 96 mm

IK Cabinet inner edge

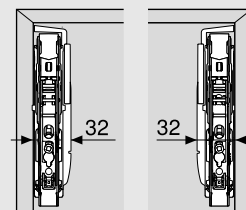
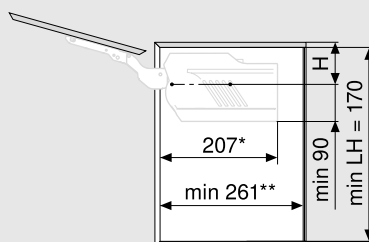
FT Rebate depth

SOB Top panel thickness

* Drilling depth 5 mm

** **Mitred:** max. 24 mm
Rebated: max. 22 mm

Space requirement



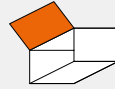
LH Internal cabinet height

H **Mitred:** 90 mm
Rebated: 96 mm

* For rebated application + FT

** At least 261 mm with visible wall hanging bracket
For rebated application + FT

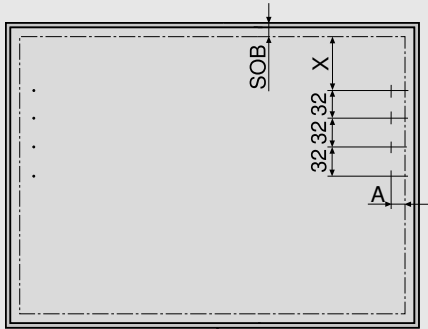
Planning information



AVENTOS HK



Front assembly



4 x Ø 3.5 x 15 mm

X Space to upper front inner edge
Mitred: 43.5 mm, **Rebated:** 46 mm

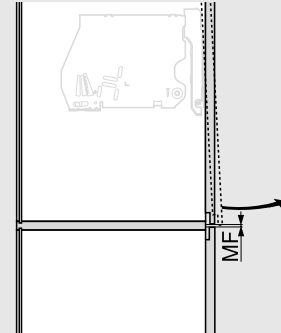
A Space to front inner edge
Mitred: 12 mm, **Rebated:** 8.5 mm

SOB Top panel thickness

Wall application: Requires 5 mm minimum gap

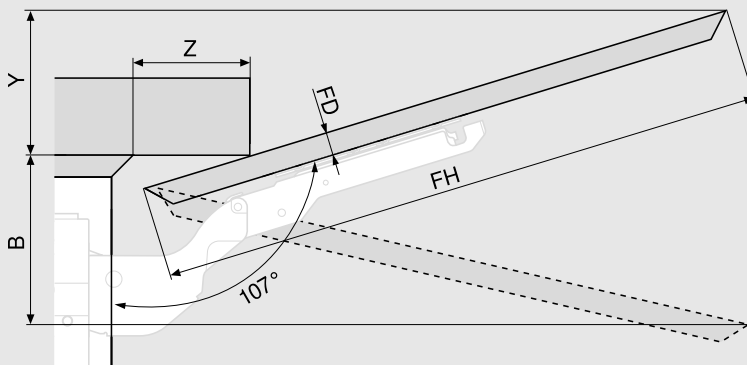
Use 4 chipboard screws (609.1x00) per side for wooden fronts.

Rebated application minimum gap



MF Minimum gap for opening (2 mm)

Cornice and crown moulding clearance



Opening angle stop

	Space requirement
Without	$Y = FH \times 0.29 - 15 + FD$
100°	$Y = FH \times 0.17 - 15 + FD$
75°	$B = FH \times 0.26 + 15 - FD$

FD Front thickness

FT Rebate depth

FH Front height

Mitred application

Front thickness (FD)	19 mm	22 mm	24 mm			
Z 107°	20 mm	—	—			

Rebated application

Rebate depth (FT)	10 mm			13 mm		
Front thickness (FD)	19 mm	22 mm	25 mm	19 mm	22 mm	25 mm
Z 107°	49 mm	39 mm	28 mm	46 mm	36 mm	—

SERVO-DRIVE

by Blum

A light touch on the front with the hand or elbow and the lift systems with SERVO-DRIVE for AVENTOS open as if by magic. To close the lift system, all you have to do is press the easy-to-access switch on the inside of the cabinet. SERVO-DRIVE can be adapted to mitred and rebated applications for AVENTOS HF, AVENTOS HS, AVENTOS HL and AVENTOS HK.

Unlike the standard application, the following are required for mitred applications with SERVO-DRIVE for AVENTOS:

- SERVO-DRIVE items (for order specification, refer to the Blum catalogue)
- Double side panels set back by 1 mm, so that the SERVO-DRIVE switches can be installed.

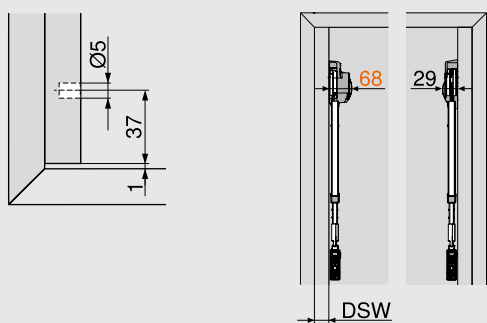
Unlike the standard application, the following are required for rebated applications with SERVO-DRIVE for AVENTOS:

- SERVO-DRIVE items (for order specification, refer to the Blum catalogue)
- Double side panels set back by the rebate depth plus 1 mm, so that the SERVO-DRIVE switches can be installed.

SERVO-DRIVE for AVENTOS – Mitred and rebated applications

Space requirement

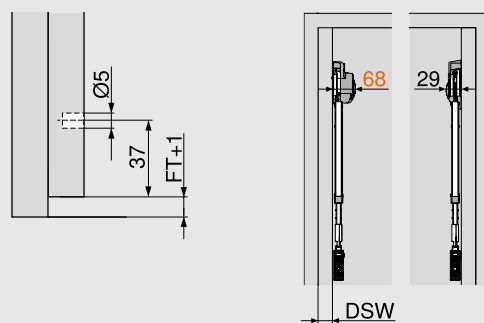
Mitred



DSW Double side panel

Space requirement

Rebated

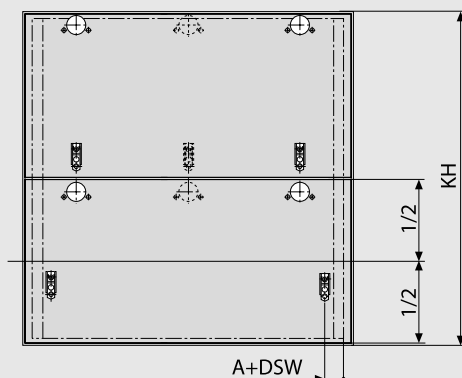


FT Rebate depth

DSW Double side panel

Front assembly

Mitred and rebated



A Space to front inner edge

DSW Double side panel

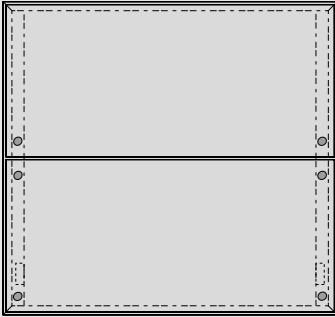
KH Cabinet height

A	AVENTOS HF	AVENTOS HS/HL/HK
Mitred	12 mm	12 mm
Rebated	11 mm	8.5 mm

SERVO-DRIVE for AVENTOS – Mitred and rebated applications

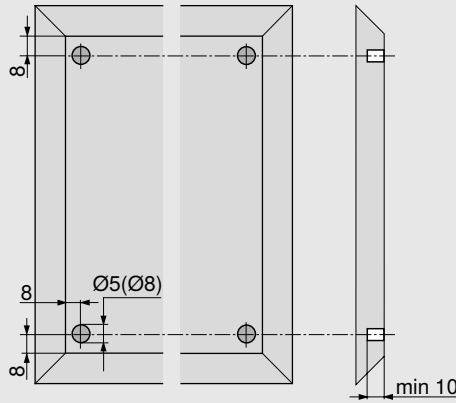
Position Blum distance bumper – AVENTOS HF/HS/HL

Mitred and rebated

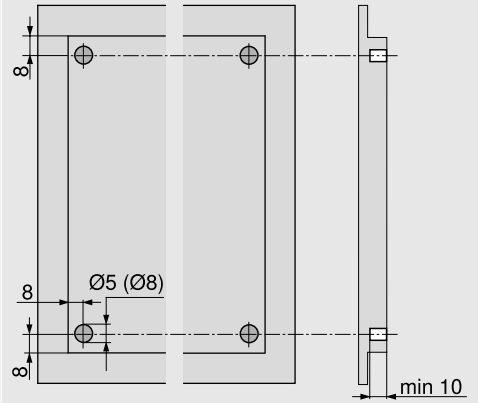


Insert Blum distance bumper (do not glue)

Mitred

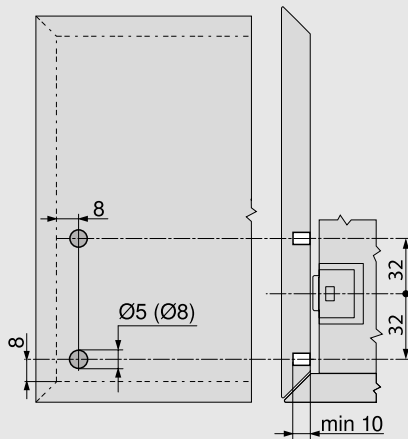


Rebated

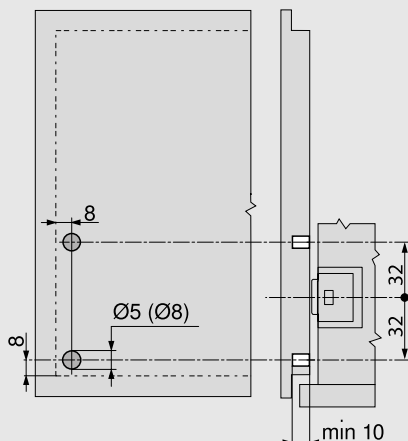


Position Blum distance bumper – AVENTOS HK

Mitred

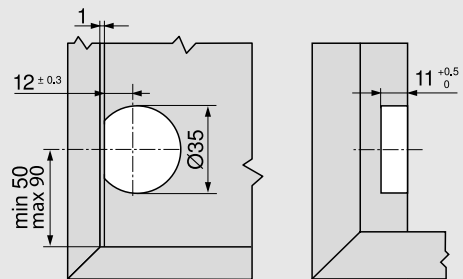


Rebated

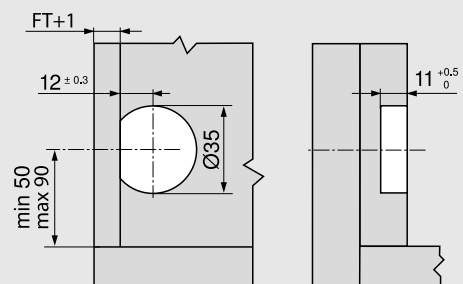


SERVO-DRIVE switch

Mitred



Rebated



FT Rebate depth

TIP-ON

by Blum

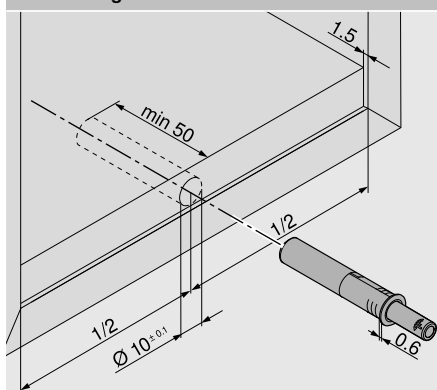
TIP-ON for AVENTOS HK, our mechanical opening support system, now makes handle-less fronts easy and convenient to open. To close, press lightly on the front.

Unlike the standard application, the following are required for mitred applications with TIP-ON for AVENTOS:

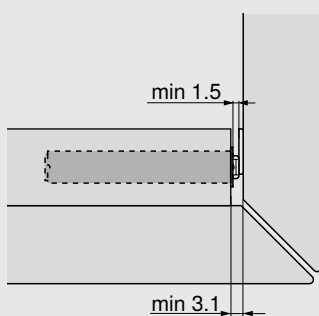
- TIP-ON items (for order specification, refer to the Blum catalogue)
- With TIP-ON for drilling a double base set back by 1.5 mm

TIP-ON for AVENTOS HK mitred application

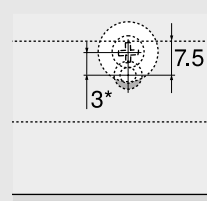
For drilling



Front gap

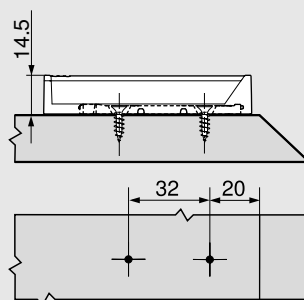
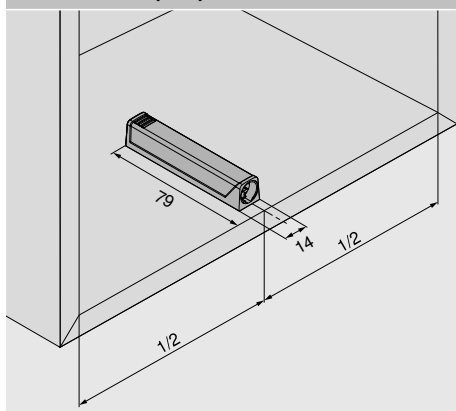


Catch plate

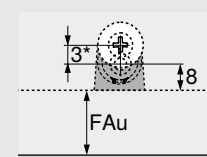


* 3 mm off-set assembly

Horizontal adapter plate



Catch plate



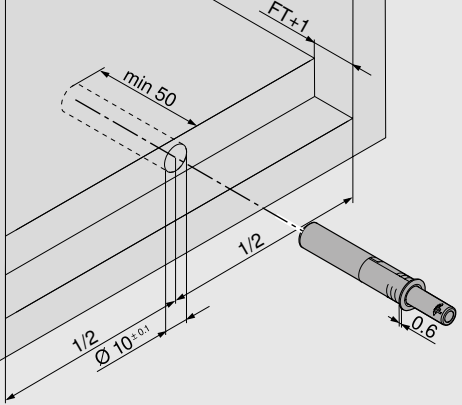
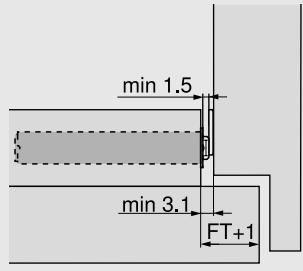
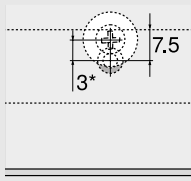
* 3 mm off-set assembly

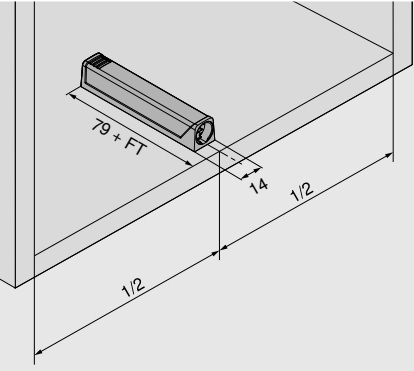
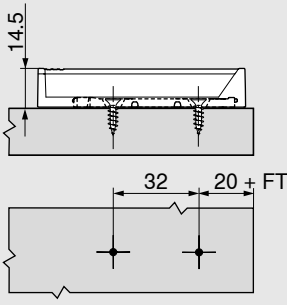
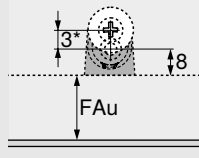
FAu Lower front overlay

Unlike the standard application, the following are required for rebated applications with TIP-ON for AVENTOS:

- TIP-ON items (for order specification, refer to the Blum catalogue)
- With TIP-ON for drilling a double base set back by 1 mm in addition to the rebate depth

TIP-ON for AVENTOS HK rebated application

For drilling		
	Front gap	Catch plate
		
FT Rebate depth		* 3 mm off-set assembly

Horizontal adapter plate		
		Catch plate
		
FT Rebate depth	FT Rebate depth	* 3 mm off-set assembly FAu Lower front overlay

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System



ISO 14001
Certified Environmental
System



ISO 50001
Certified Energy
System

