

KINVARO

F-20 folding flap fitting



- Holds flap securely in any position
- Extremely smooth movement
- Adjustable spring force
- Integrated adjustable closing damper
- Flap with 3-dimensional adjustment – height, side, angle: Direct adjustment ± 1.5 mm
- 3-dimensional reveal height, side, depth adjustment: Direct adjustment
- Opening limiter adjustable to 90°
- Wide range of applications for many different flap materials
- Fast, tool-free clip fitting of the front
- Pre-assembled Euro screws and positioning pins for easy fixture of the fitting to the side wall
- Extremely strong
- Weight 3.8 to 19.2 kg
- Range of flaps:
Width: 400 – 1200 mm
Height: 520 – 900 mm
- Cover caps in white and grey, similar to RAL 7045

APPLICATION RANGE

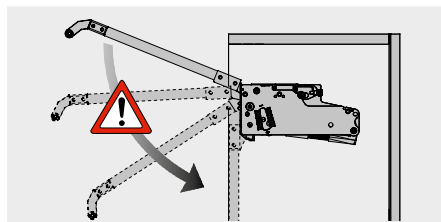
Cabinet height	Guide lever	Flap weight incl. handle (kg)		
		Spring B	Spring C	Spring D
520 – 559	Type 2	4.6 – 13.8	–	–
560 – 599	Type 3	4.4 – 12.6	7.0 – 14.7	–
600 – 649	Type 4	4.1 – 12.1	6.8 – 15.8	–
650 – 699	Type 5	3.8 – 11.4	6.7 – 16.9	–
700 – 749	Type 6	–	6.5 – 16.4	10.0 – 18.0
750 – 799	Type 7	–	6.0 – 15.6	8.6 – 19.2
800 – 849	Type 7	–	–	7.8 – 18.0
850 – 900	Type 7	–	–	6.5 – 16.5

ASSEMBLY AND INSTALLATION INSTRUCTIONS FOR CABINET HEIGHT 520 – 799

All dimensions in millimetres

Required space		Side wall drilling positions	Side wall drilling distance		
			KH	Type	B
			520 - 529	2	173
			530 - 539	2	158
			540 - 549	2	143
			550 - 559	2	128
			560 - 569	3	183
			570 - 579	3	168
			580 - 589	3	153
			590 - 599	3	138
			600 - 609	4	208
			610 - 619	4	198
			620 - 629	4	178
			630 - 639	4	168
			640 - 649	4	158
			650 - 699	5	225
			700 - 749	6	235
			750 - 799	7	250
Front: installation for flaps with standard aluminium frame profiles (19 mm)		Front: installation for wooden and frame flaps (min. 45 mm width)	Front: drilling distance		
			KH	Type	C
			520 - 529	2	133
			530 - 539	2	148
			540 - 549	2	163
			550 - 559	2	178
			560 - 569	3	145
			570 - 579	3	160
			580 - 589	3	175
			590 - 599	3	190
			600 - 609	4	138
			610 - 619	4	148
			620 - 629	4	168
			630 - 639	4	178
			640 - 649	4	188
			650 - 699	5	146
			700 - 749	6	156
			750 - 799	7	166
		Number of hinges at top panel From 900 mm cabinet width: 3 hinges. Hinges with spring require an opening angle of min. 120°			
Calculation of flap weight Flap width x flap height x flap thickness x density ¹ + weight of handle ² = weight of flap ¹ Densities: MDF 0.85 kg/dm³, chipboard 0.65 kg/dm³, spruce/pine 0.45 kg/dm³ ² For bar handles allow 0.1 kg for each 100 mm handle width. We recommend a trial fitting					

WARNING



Important!
Caution - risk of injury!
Fitting is spring-tensioned!

LEGEND

B	Drilling dimension - side wall
C	Drilling dimension - front
F	Reveal
FAS	Front overlay, side
KH	Cabinet height

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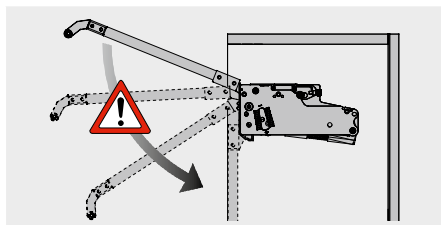
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ASSEMBLY AND INSTALLATION INSTRUCTIONS FOR CABINET HEIGHT 800 – 900

All dimensions in millimetres

Required space		Side wall drilling positions		Side wall drilling distance		
				KH	Type	B
				800 – 849	7	103
				850 – 900	7	110
				Shelf distance		
				KH	D	
				800 – 849	≤293	
				850 – 900	≤312	
Front: installation for flaps with standard aluminium frame profiles (19 mm)		Front: installation for wooden and frame flaps (min. 45 mm width)		Front: drilling distance		
				KH	Type	C
				800 – 900	7	304
		Number of hinges at top panel From 900 mm cabinet width: 3 hinges. Hinges with spring require an opening angle of min. 120°				
Calculation of flap weight Flap width x flap height x flap thickness x density ¹ + weight of handle ² = weight of flap ¹ Densities: MDF 0.85 kg/dm³, chipboard 0.65 kg/dm³, spruce/pine 0.45 kg/dm³ ² For bar handles allow 0.1 kg for each 100 mm handle width. We recommend a trial fitting						

WARNING



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LEGEND

B	Drilling dimension - side wall
C	Drilling dimension - front
D	Distance
FF	Reveal
FAS	Front overlay, side
KH	Cabinet height