

## Kinvaro L-80

Opens flaps parallel to the cabinet.



### Even heavy fronts open effortlessly and with elegant movement.

The large, handle-free front opens upwards in a smooth, even motion, with absolute precision and in parallel with the wall cabinet. This is made possible by the spring-assisted opening function of the Kinvaro L-80. The closing action is another experience to behold: the integrated closing damper system is fully adjustable and ensures a smooth and uniform closing action for all flap weights. Importantly: the front will remain in any required position – irrespective of flap weight and material. The flap can be made of wood, glass, MDF, with narrow or wide aluminium or wood frames – with Kinvaro L-80 you have the choice.

Despite its impressive functionality the Kinvaro L-80 system is nonetheless easy to install. Fronts can be fitted entirely without tools. Pre-mounted Euro screws are provided for convenient fastening to the cabinet side wall. And the cross member is also very easy to fit.

Both in looks and design, the Kinvaro L-80 represents a logical continuation of the successful and powerful Kinvaro S-35 and F-20 series – a movement system of a very special kind.

### All product benefits at a glance

- Particularly smooth movement
- Also for use with handle-free fronts
- Comfort opening and closing, irrespective of flap weight, thanks to a spring-assisted opening function and integrated adjustable closing damper.
- The flap is held firmly in any position
- Version for different front types
- A wide range of flap weights and materials, such as wood, glass, MDF, with narrow or wide aluminium and wood frames
- Simple, tool-free installation and extremely easy adjustment
- Pre-mounted Euro screws for fastening the fitting to the cabinet side wall
- High stability
- Adjustable damper system
- Easy installation

Drilling jigs for Kinvaro L-80 on request.

**Application range**
**Flap weight from 1,9 to 14,6 kg**
**Flap size: width 450 - 1200 mm**

Cabinet height mm	Guide level type	Flap weight incl. handle <sup>1</sup> in kg		
		Spring A	Spring B	Spring C
350 - 369	1	2,5 - 6,5	6,0 - 9,5	-
370 - 389	2	2,3 - 6,0	5,5 - 9,0	8,5 - 9,6
390 - 409	3	2,1 - 5,5	5,0 - 8,5	8,0 - 10,1
410 - 429	4	1,9 - 5,0	4,5 - 8,0	7,5 - 14,6
430 - 600	5	2,0 - 4,5	4,0 - 7,5	7,0 - 14,6

**Calculation of flap weight (all measurements in dm)**

 Flap width x flap height x flap thickness x density<sup>(2)</sup> + handle weight<sup>(3)</sup> = flap weight

 Example: 6 dm x 4 dm x 0.19 dm x 0.85 kg/dm<sup>3</sup> + 0.5 kg = 4.5 kg

**Calculation of flap width (all measurements in dm)**

$$\frac{\text{Flap weight} - \text{handle weight}^{(3)}}{\text{Flap height} \times \text{flap thickness} \times \text{density}^{(2)}} = \text{Flap width}$$

Example:  $\frac{4.5 - 0.5}{4 \times 0.19 \times 0.85} = 6.0 \text{ dm (600 mm)}$

<sup>(1)</sup> This value corresponds to the maximum flap weight with a 1200 mm cabinet width and bar handle in 22 mm thick MDF material (0.85 kg/dm<sup>3</sup>).

<sup>(2)</sup> Density: pine/spruce = 0.45 kg/dm<sup>3</sup>, chipboard = 0.65 kg/dm<sup>3</sup>, MDF = 0.85 kg/dm<sup>3</sup>
<sup>(3)</sup> Bar handles must be calculated with 0.1 kg per 100 mm handle width when calculating the flap weight. Other weights are possible. When using higher weights, please consult the manufacturer. We recommend performing a trial mounting before series application.

**Ordering information for set packaging**
**Kinvaro L-80 is available in industrial or set packaging.**
**Parallel flap lift fitting Kinvaro L-80 set packaging**

Guide level type	Spring	Item No.
Typ 1	A	D2806006125
Typ 1	B	D2806011125
Typ 2	A	D2806007125
Typ 2	B	D2806012125
Typ 2	C	D2806017125
Typ 3	A	D2806008125
Typ 3	B	D2806013125
Typ 3	C	D2806018125
Typ 4	A	D2806009125
Typ 4	B	D2806014125
Typ 4	C	D2806019125
Typ 5	A	D2806010125
Typ 5	B	D2806015125
Typ 5	C	D2806020125
PU/packaging unit		PU 1

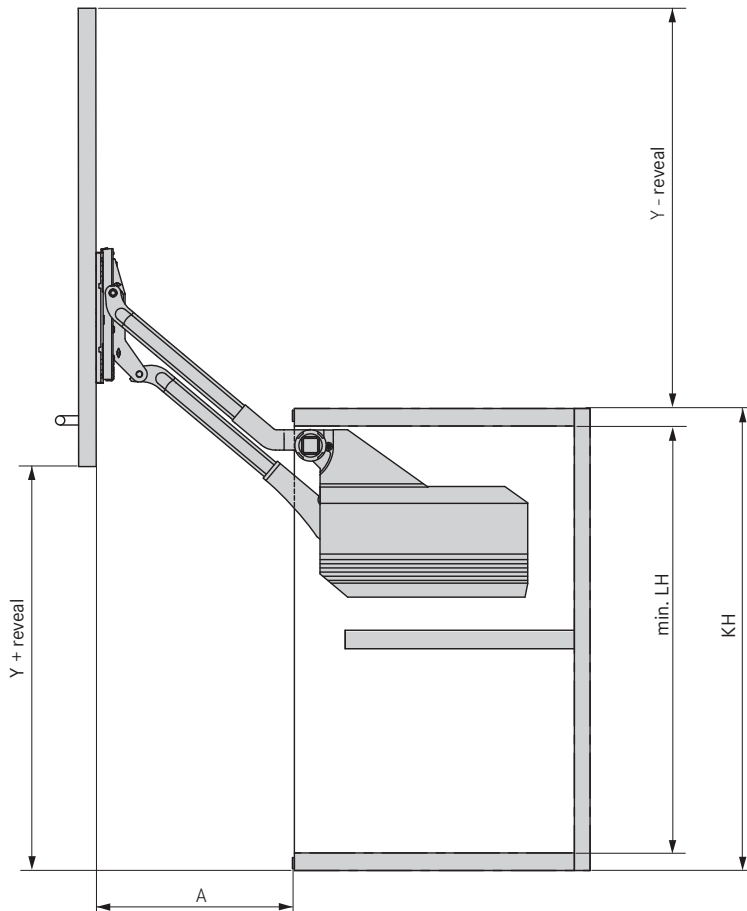
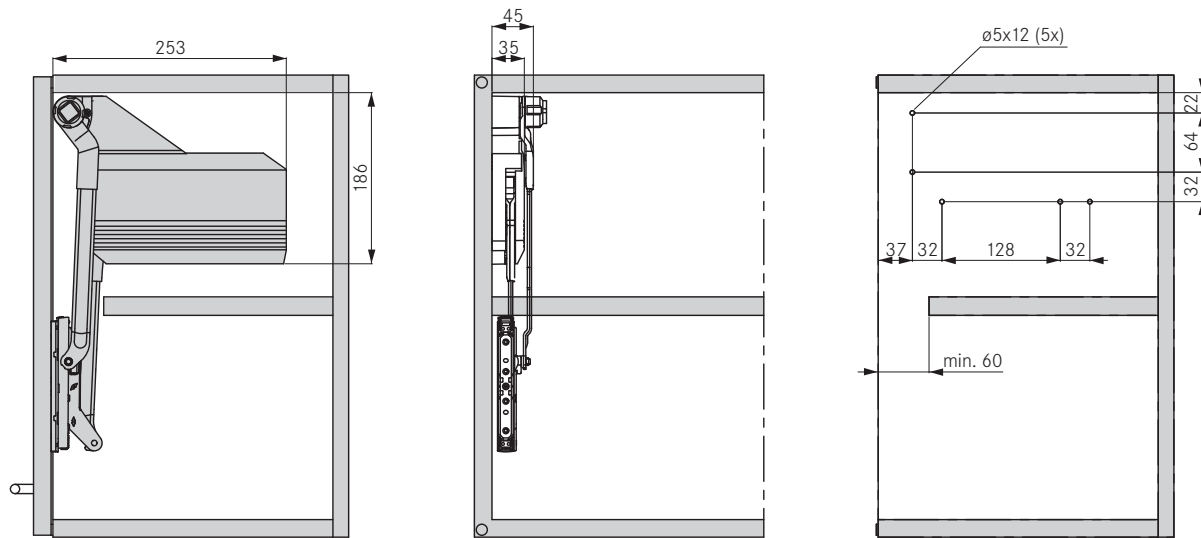
PU 1 = 1 set per carton consisting of: 1 fitting right and left with pre-mounted screws for fixing to cabinet side, 1 cover cap right and left in grey RAL 7040, 1 cross member 1090 mm for cutting to size, 2 sliding sleeves, 2 mounting plates for wooden front and front with wide aluminium frame or for mounting on aluminium frame adapter for narrow aluminium frame (19 mm), 1 mounting instruction

# Kinvaro L-80

Parallel flap lift fitting.

## Mounting positions

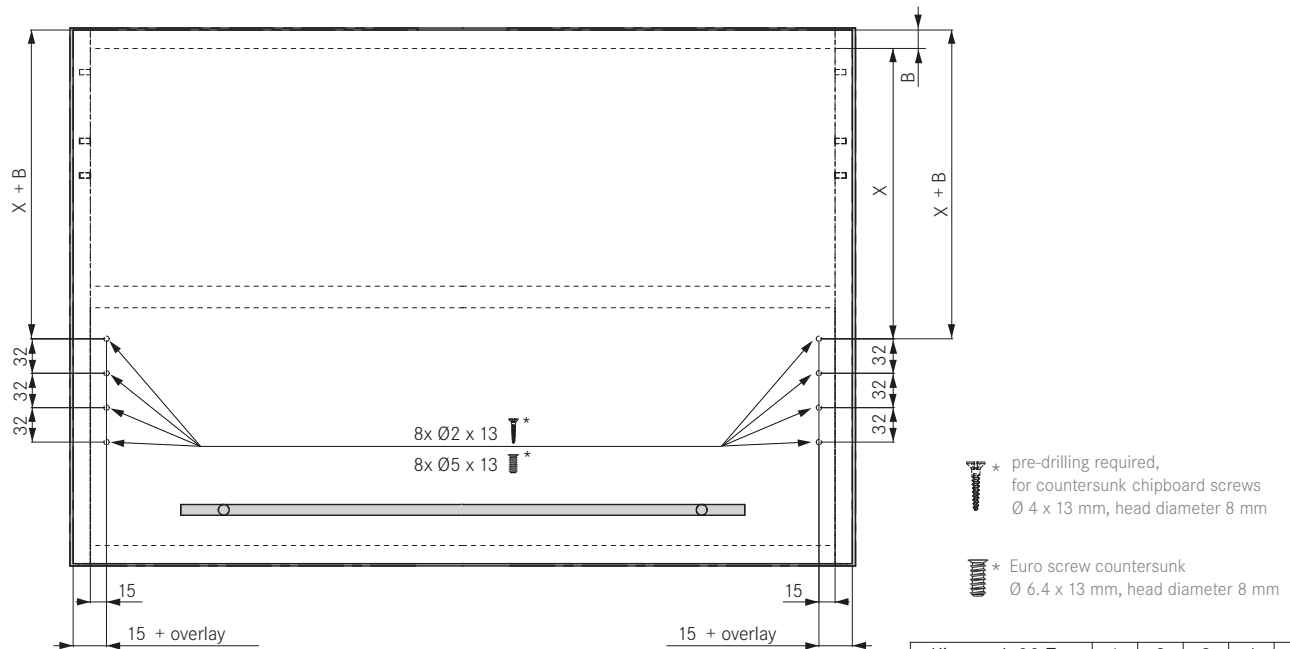
Left-hand cabinet side. (Right-hand cabinet side mirror-inverted)



Kinvaro L-80 Type	KH	min. LH	A	Y
1	350 - 369	312	161	304
2	370 - 389	332	176	337
3	390 - 409	352	191	370
4	410 - 429	372	206	403
5	430 - 600	392	221	436

Mounting for wooden and frame flaps (min. 45 mm width)

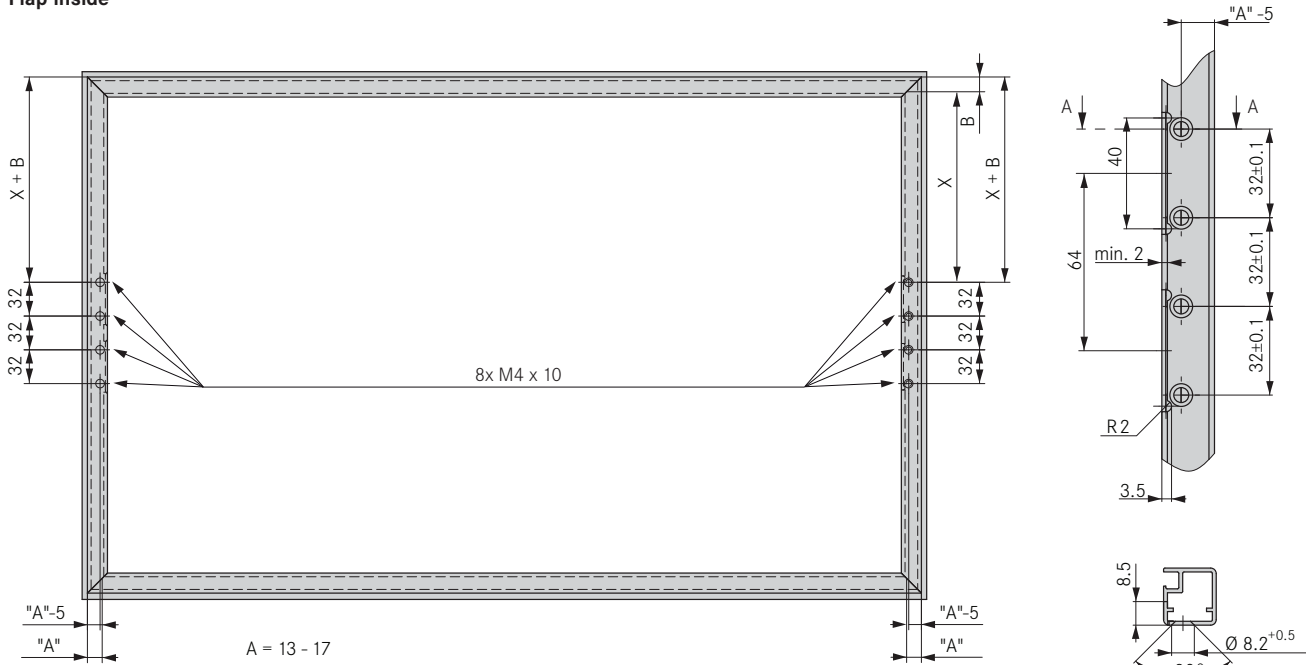
Flap inside



Kinvaro L-80 Type	1	2	3	4	5
Measurement "X"	190	210	230	250	270

Mounting for flaps with standard aluminium frame profile (19 mm)

Flap inside



Kinvaro L-80 Type	1	2	3	4	5
Measurement "X"	190	210	230	250	270

All dimensions in millimetres.

Kinvaro Klappen-Systeme

Quaturis Eckschrank-Systeme

Schrank-aufhänger

Objektscharniere

Parallel-schwenkbeschläge

Regalträger

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