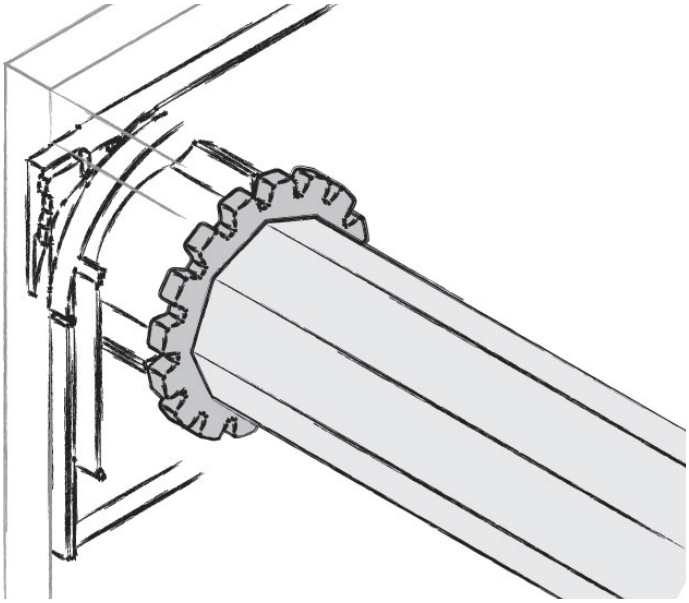
FUNCTION

smart motion

The roller shutter drive

KNOKE
Beschlagtechnik

The roller shutter drive



All inclusive
12 V DC for vertical operating directions, including transformer, plug in – finished!

Simply start
Automatic setting of the end positions

Totally safe
Sensitive obstacle detection with fast-stop

Guaranteed flexibility
Manual operation in case of power failure

Time-saving assembly
Without any preparations regarding the cabinet

Image 1

Image 2

Image 3

Control options

Image 1

Operation by remote control

Frequency 868 MHz, either individual or synchronous operation of various drives

Image 2

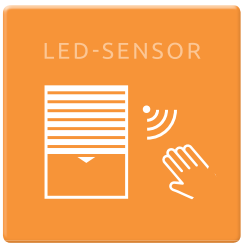
Operation by LED sensor

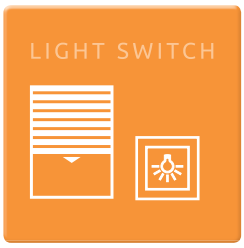
Either embedded in the right or the left guiding profile, height position freely selectable

Image 3

Operation by light switch

The flush-mounted radio transmitter can be combined with all common light switch programmes.





The characteristics

The idea of smart motion

Electrical roller shutter drives absolutely easy:

- ✔ Complex wiring – does not exist!
- ✔ Inconvenient programming – no, thanks!
- ✔ Complete safety – of course!

Considering that, the roller shutter modules **smart case** and **dyna case** offer the perfect basis. With regards to grooved roller shutters the **smart motion compacct** module can also be connected easily.

The illumination

Ideal combination: the smart motion control has a 12 V DC output in order to switch optional light shelves.

smart case

- the classic module with electrical drive
- full range of measurements from 400 mm cabinet width onwards
- LED sensor for front thickness guiding profiles
- current output for the provided transformer

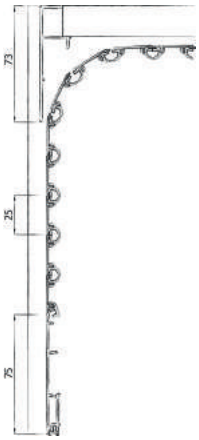
dyna case

- for high or wide roller shutters
- ceiling-high from 400 mm cabinet width onwards
- LED sensor for front thickness guiding profiles
- current output for the provided transformer

smart motion compacct

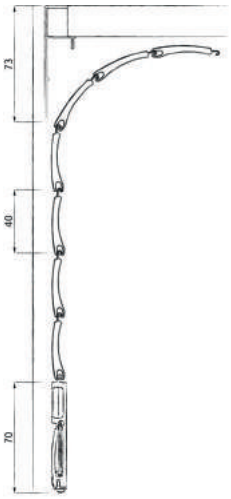
- the drive module for grooved or surface-mounted guidings
- suitable for horizontally operating roller shutters
- remote control or operation by light switch
- power supply through the side panel or to the rear

The roller shutters



Aluminium
smart plus

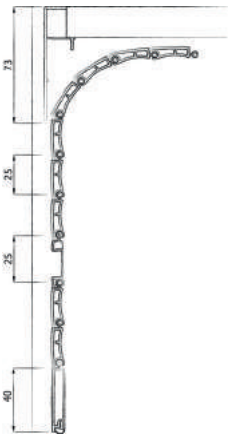
- Straight-lined and striking: extruded slats made of solid aluminium provide the basis for its concise design.
- Classic and timeless: slat height 25 mm.
- Absolutely silent: flexible plastic profiles interconnect the single slats free from backlash.
- High-quality components: end caps made of low-friction polyamide ensure the comfortable operating features of the roller shutter.



Aluminium
smart XXL

- Light and solid: slats made of roll-formed aluminium.
- Vibrant design: slat height 40 mm.
- Absolutely robust: the strong interlinkage of the slats allow ceiling-high dimensions of widths up to 2400 mm.
- A true all-rounder: various equipment options turn every roller shutter into your very personal smart XXL.

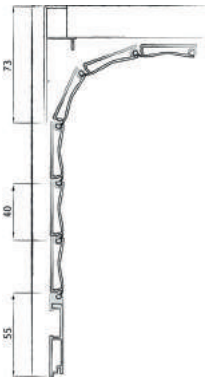
Plastic with decorative finish
KS 25 - series

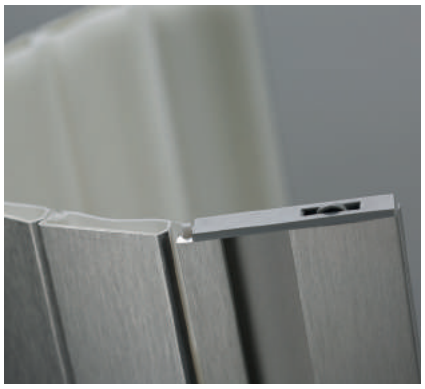


- Absolutely reliable: the robust interlinkage of the slats stands for longevity even under tough operating conditions.
- ABS material: recyclable with maximum bending stiffness.
- Maximum stability: bottom profiles made of real aluminium.
- Classic and timeless: slat height 25 mm in three surface quality levels.

KS 25 F **Slats wrapped with real aluminium**
KS 25 **Slats with hot stamping foil**
KS 25 L **Paintable slats**

Plastic with decorative finish
KS 40 - series





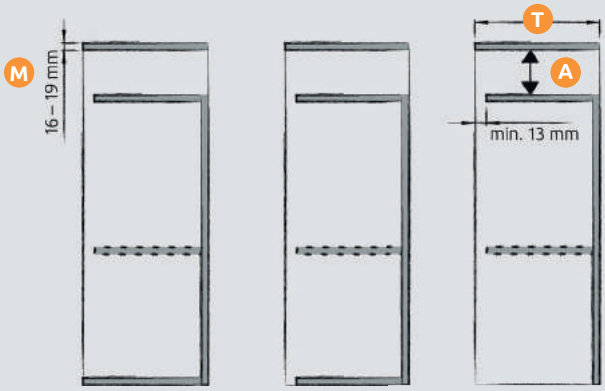
- Absolutely reliable: the robust interlinkage of the slats stands for longevity even under tough operating conditions.
- ABS material: recyclable with maximum bending stiffness.
- Maximum stability: bottom profiles made of real aluminium.
- Timeless elegance: slat height 40 mm in two surface quality levels.

KS 40 F **Slats wrapped with real aluminium**
KS 40 L **Paintable slats**

smart case

The roller shutter module

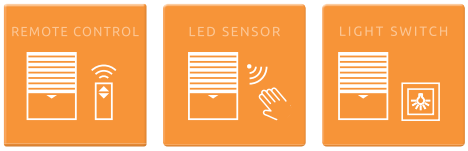
Cabinet dimensions

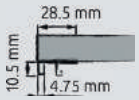


Cabinet height	M = 16 mm	M = 19 mm
250 mm – 1.600 mm	A = 158 mm	A = 155 mm

Control options

Guiding profiles	Remote control	LED sensor	Light switch
front thickness 27.5 mm	✓	✓	✓
front thickness 29.5 mm	✓	✓	✓
internal	✓	–	✓



Front thickness guiding profiles	T
	min. 329 mm
Internal guiding profile	**T**
	min. 344 mm

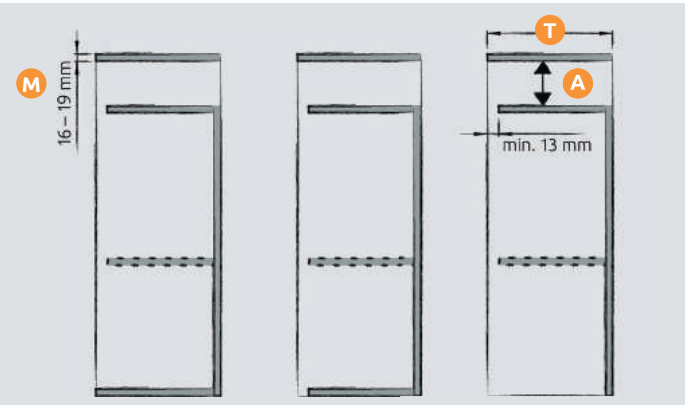
Detailed information for your enquiry/order

	smart plus	smart XXL	KS 25	KS 40
› Cabinet width:	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm
› Cabinet height:	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm
› Panel thickness:	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm
› Finish:	*Guiding and cover profiles:* anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES)	*Roller shutter:* metallic silver *Guiding and cover profiles:* anodised aluminium (E6/C0)	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) white or black high gloss finished plain-coloured, paintable	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) plain-coloured, paintable
› Bottom profile:	end profile	handle profile	end profile	handle profile
› Guiding profile:	in front thickness with gap of 2 mm, in front thickness covering the carcase side or internal			
› Cabinet type:	with or without bottom panel			
› Drive:	12 V DC			
› Lock:	possible			
› Mid handle profile:	not possible			

dyna case

The roller shutter module

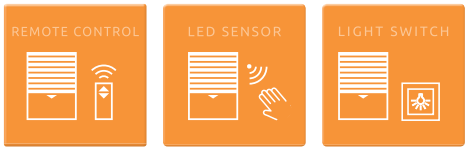
Cabinet dimensions

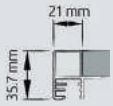
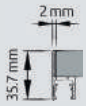


Cabinet height	M = 16 mm	M = 19 mm
250 mm – 2.200 mm	A = 158 mm	A = 155 mm

Control options

Guiding profiles	Remote control	LED sensor	Light switch
front thickness	✓	✓	✓
internal	✓	–	✓



Front thickness guiding profile	T
	min. 329 mm
Internal guiding profile	**T**
	min. 344 mm

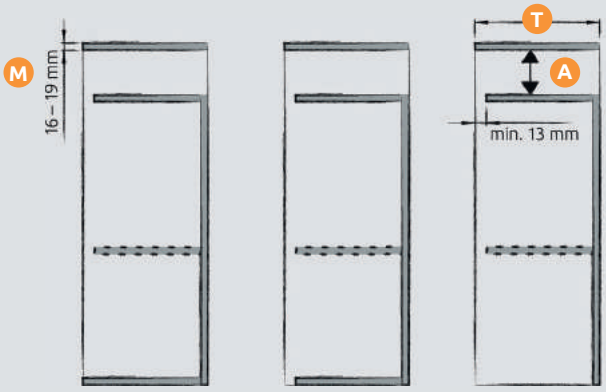
Detailed information for your enquiry/order

	smart plus	smart XXL	KS 25	KS 40
› Cabinet width:	min. 400 mm – max. 1,600 mm	min. 400 mm – max. 2,400 mm	min. 400 mm – max. 1,800 mm	min. 400 mm – max. 1,600 mm
› Cabinet height:	min. 250 mm – max. 2,200 mm	min. 250 mm – max. 2,200 mm	min. 250 mm – max. 2,200 mm	min. 250 mm – max. 2,200 mm
› Panel thickness:	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm
› Finish:	*Guiding and cover profiles:* anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES)	*Roller shutter:* metallic silver *Guiding and cover profiles:* anodised aluminium (E6/C0)	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) white or black high gloss finished plain-coloured, paintable	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) plain-coloured, paintable
› Bottom profile:	end profile	handle profile	end profile	handle profile
› Guiding profile:	in front thickness or internal			
› Cabinet type:	with or without bottom panel			
› Drive:	12 V DC			
› Lock:	possible			
› Mid handle profile:	not possible			

smart motion compacct

The drive module

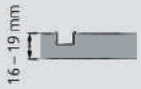
Cabinet dimensions

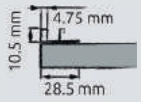


Cabinet height	M = 16 mm	M = 19 mm
250 mm – 1.600 mm	A = 134 mm	A = 134 mm

Control options

Guiding profiles	Remote control	LED sensor	Light switch
grooved	✓	–	✓
surface-mounted	✓	–	✓

Grooved guiding profile	T
	min. 200 mm

Surface-mounted guiding profile	T
	min. 200 mm

Detailed information for your enquiry/order

	smart plus	smart XXL	KS 25	KS 40
› Cabinet width:	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm	min. 400 mm – max. 1,200 mm
› Cabinet height:	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm	min. 250 mm – max. 1,600 mm
› Panel thickness:	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm	16 mm or 19 mm
› Finish:	*Guiding and cover profiles:* anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES)	*Roller shutter:* metallic silver *Guiding and cover profiles:* anodised aluminium (E6/C0)	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) white or black high gloss finished plain-coloured, paintable	anodised aluminium (E6/C0) aluminium with stainless steel effect (E2/ES) plain-coloured, paintable
› Bottom profile:	end profile	handle profile	handle or end profile	handle profile
› Guiding profile:	grooved or surface-mounted			
› Cabinet type:	with or without bottom panel			
› Drive:	12 V DC			
› Lock:	possible			
› Mid handle profile:	not possible			

lucy

The interior illumination of cabinets

The option

The glass shelf lucy is the ideal supplement to the smart motion drive. Simply insert the connection cable into the 12 V output of the smart motion control – finished.

The result is a well-designed and practical interior illumination of cabinets which simply follows the roller shutter activity. When opening the roller shutter, the light switches on automatically. When the roller shutter is closed, it goes out. And all without additional sensor or complex wiring.

You can find further information on the glass shelf in our current lucy brochure.

KNOKE
Beschlagtechnik

KNOKE Beschlagtechnik:
Two decades of innovation “made in Germany”

Quality, customer service and confident cooperation have been on top of the scale of values since the foundation of the company in the year 1993.
By means of these principles **KNOKE Beschlagtechnik** has not only turned into an established service provider for the local furniture industry but has taken a significant step forward by opening up a number of international markets.

Our competence within the treatment of aluminium profiles and glass elements as well as our expertise in the range of assembly technology make us a leading partner for the development of customised solutions worldwide. The successful placement of own products in international markets reinforces our position as a specialised initiator within our branch.

Today more than 20 highly committed employees design and produce roller shutters, furniture fittings and a great deal of pleasure for our customers in over 30 countries.

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DIN EN ISO 9001
Reg.-Nr.: Q1 0112017

103575:01_2018