

HELM MK-L SmartTip

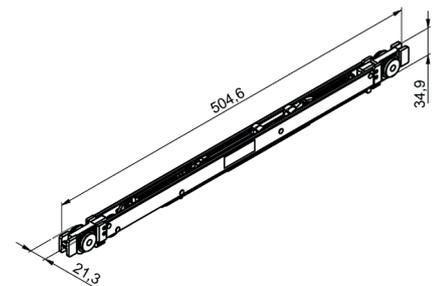
Compact innovation for pocket door applications



HELM MK-L SmartTip

Door ejector with bi-directional soft-close mechanism

- **Installation:** directly integrated into the track, no connection to the door leaf required
- **Space requirements:** minimal installation depth, suitable for wall pockets with an internal width of just 65 mm – compared to conventional systems requiring approximately 100 mm or more
- **Ejector function:** a light press on the door leaf releases it from the wall pocket, the flush pull becomes immediately accessible while the full clear opening width is maintained
- **Bi-directional soft-close mechanism:** the door leaf is gently decelerated during both opening and closing and guided in a controlled manner into its end positions, prevents slamming and damage
- **Retrofit capability:** can be easily retrofitted in combination with a compatible track
- **Durability:** robust, low-maintenance system engineered for long-term operational reliability



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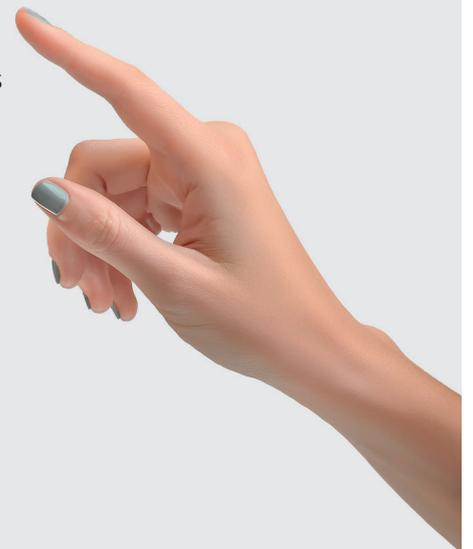
The **HELM MK sliding door system for wall pocket installation** has been developed for applications in which the door leaf is fully retracted into a wall pocket – creating a clean wall appearance without visible tracks. When open, the leaf disappears completely into the pocket, preserving the full clear opening width. The system is designed for timber and glass leaves weighing up to 80 kg (MK-L 80) or 140 kg (MK-M 140). It offers precise door guidance, high-quality engineering and straightforward installation while the wall pocket is still accessible. Maintenance is equally efficient: if required, the track can be removed and reinstalled without opening the wall construction.

With the MK-L SmartTip, HELM expands the MK-L 80 system with an innovative component that significantly enhances operating convenience. The compact door ejector with integrated bi-directional soft-close mechanism is mounted directly within the track, without any connection to the door leaf. This design considerably reduces installation space and allows implementation in wall pockets with an internal width of just 65 mm – compared to conventional systems requiring approximately 100 mm or more.

In operation, a gentle press on the leading edge of the door leaf causes it to extend partially out of the wall pocket, making the flush pull immediately accessible. The integrated bi-directional soft-close mechanism ensures that the door leaf is smoothly decelerated during both opening and closing and guided in a controlled, near-silent motion into its end positions. This effectively prevents uncontrolled slamming and protects both the door and the surrounding wall construction.

Like the entire MK series, the MK-L SmartTip is engineered for durability and ease of maintenance. Installation is straightforward, and retrofitting is uncomplicated when used with a compatible track. The coordinated interaction between track and SmartTip demonstrates how functional performance, compact design and architectural clarity can be seamlessly combined within a single system solution.

For planners, architects, and interior construction professionals, the combination of the MK-L 80 sliding door system and the MK-L SmartTip opens up new possibilities for integrating timber and glass sliding doors into wall pocket solutions – wherever functionality, efficiency, and aesthetics are equally important.



Article
**HELM MK-L SmartTip
Door ejector with bi-directional soft-close mechanism**


- for interior sliding doors made of timber and glass running into a wall pocket
- with release triggers
- ensures smooth opening and closing
- mounted in the track
- note: can be used with the compatible HELM 53/73 track for MK-L SmartTip (available separately) or by adding countersunk holes to an existing HELM 53/73 track (see installation instructions)

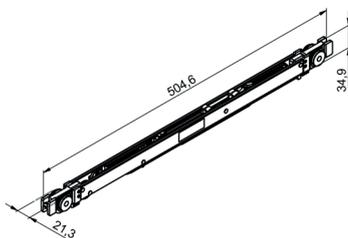
Leaf weight: max. 80 kg

Finish

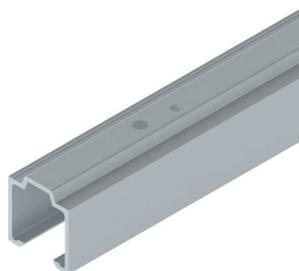
plastic, black

Article no.

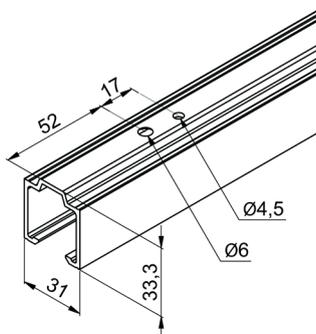
006192


**HELM 53/73 Track for MK-L SmartTip,
perforated on top**

- for use with the HELM MK-L SmartTip
- in stock lengths of up to 6.000 mm or made to measure



Finish	Length	Article no.
aluminium, silver anodised	2.000 mm	006000442000
	2.500 mm	006000442500
	4.000 mm	006000444000
	6.000 mm	006000446000
	measure length (max. 6.000 mm)	006000449999
aluminium, stainless steel effect anodised	2.000 mm	006000422000
	2.500 mm	006000422500
	4.000 mm	006000424000
	6.000 mm	006000426000
	measure length (max. 6.000 mm)	006000429999
aluminium, black anodised	2.000 mm	006742002000
	2.500 mm	006742002500
	4.000 mm	006742004000
	6.000 mm	006742006000
	measure length (max. 6.000 mm)	006742009999



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Article

HELM MK-L 80 H 166

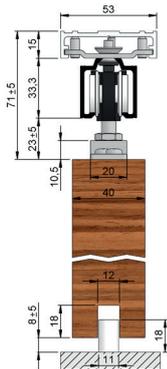
Sliding door system for wall pocket installation with MK-L SmartTip and WTR installation track, reversible



- for interior sliding doors made of timber
- trolleys: height-adjustable even after installation, with load-bearing pendulum insert for a long service life
- MK-L SmartTip: door ejector with bi-directional soft-close mechanism ensures smooth opening and closing, installed in the track
- WTR installation track: enables disassembly/assembly of the track at any time for maintenance, replacement and addition of components
- note: WTR installation track is 25 mm longer than track(s)

Leaf weight: max. 80 kg
 Leaf thickness: 40 mm
 Leaf width: min. 830 mm

Set contents: 1 x HELM 53/73 track for MK-L SmartTip, perforated on top
 1 x HELM WTR installation track
 * x HELM WTR fixing plate with mounting material (quantity depends on track length)
 2 x HELM 73 trolley with ball bearing, M8 x 35 support screw and flange
 1 x HELM MK-L SmartTip with release triggers
 2 x HELM 65 PS end stop
 1 x HELM 70 bottom guide



Finish	Number of leaves	Track length	Article no.
aluminium, silver anodised	1	2.000 mm	MK.L80.H.166.41.1.06.2000
		2.500 mm	MK.L80.H.166.41.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.H.166.41.1.06.9999
aluminium, stainless steel effect anodised	1	2.000 mm	MK.L80.H.166.35.1.06.2000
		2.500 mm	MK.L80.H.166.35.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.H.166.35.1.06.9999
aluminium, black matte coated	1	2.000 mm	MK.L80.H.166.73.1.06.2000
		2.500 mm	MK.L80.H.166.73.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.H.166.73.1.06.9999



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Download installation instructions

Article

HELM MK-L 80 G 166

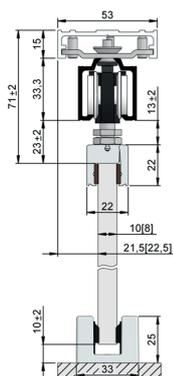
Sliding door system for wall pocket installation with MK-L SmartTip and WTR installation track, reversible



- for interior sliding doors made of tempered safety glass (TSG) and laminated safety glass (LSG)
- trolleys: height-adjustable even after installation, with load-bearing pendulum insert for a long service life
- MK-L SmartTip: door ejector with bi-directional soft-close mechanism ensures smooth opening and closing, installed in the track
- WTR installation track: enables disassembly/assembly of the track at any time for maintenance, replacement and addition of components
- SmartGuide: self-adjusting, clearance-free bottom guide to reduce or avoid rattling noises
- note: WTR installation track is 25 mm longer than track(s)

Leaf weight: max. 80 kg
 Leaf thickness: 8/8,76 and 10/10,76 mm TSG/LSG
 (when using LSG the glass clamp must be glued on with two-component adhesive (not included in the set))
 Leaf width: min. 830 mm

Set contents: 1 x HELM 53/73 track for MK-L SmartTip, perforated on top
 1 x HELM WTR installation track
 * x HELM WTR fixing plate with mounting material
 (quantity depends on track length)
 2 x HELM 73 trolley with ball bearing and M8 x 30 support screw
 2 x HELM glass clamp, 250 x 22 mm, for 8/8,76 and 10/10,76 mm TSG/LSG
 1 x HELM MK-L SmartTip with release triggers
 2 x HELM 65 PS end stop
 1 x HELM SmartGuide G



Finish	Number of leaves	Track length	Article no.
aluminium, silver anodised	1	2.000 mm	MK.L80.G.166.41.1.06.2000
		2.500 mm	MK.L80.G.166.41.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.G.166.41.1.06.9999
aluminium, stainless steel effect anodised	1	2.000 mm	MK.L80.G.166.35.1.06.2000
		2.500 mm	MK.L80.G.166.35.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.G.166.35.1.06.9999
aluminium, black matte coated	1	2.000 mm	MK.L80.G.166.73.1.06.2000
		2.500 mm	MK.L80.G.166.73.1.06.2500
		measure length (max. 6.000 mm)	MK.L80.G.166.73.1.06.9999



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