

SIEGENIA Innovations for you:

KFV Magnetic locks

with extended programme

Your benefits³:

- ❶ Magnetic technology for grooved and flush-closing interior doors
- ❷ Quiet closing from trigger magnets integrated into the frame part
- ❸ Elegant design thanks to the sunken KFV latch in the gear box

The power of the magnet.

With the door open, the latch lies sunken in the gear box and thus closes smoothly and flush with the faceplate. You won't find any visible technology with protruding edges and corners here. This ensures a high quality, elegant look that is further accentuated by the use of stainless steel components. Cleaning is therefore incredibly easy.

When the door is shut, the magnets embedded in the frame part make sure that the latch retracts precisely and thus closes extremely quietly. The audible striking of the latch against the frame is a thing of the past, unattractive signs of usage likewise. End users appreciate that the magnet technology makes closing the door a smooth and gentle process and thus wear and maintenance free. The usual relubrication typical of other solutions is eliminated. The extremely powerful permanent magnet made from neodymium, which is far superior to conventional solutions, stands for maximum durability.

The KfV magnetic locks are suitable for installation in new doors and for retrofit.

Elegant appearance — quiet closing.

Benefits for fabricators

- Reduced installation costs
- Maintenance-free and smooth-running
- The latch is triggered with state-of-the-art, neodymium magnetic technology - no loss of magnetic force
- Rotatable magnetic latch packer to facilitate closing pressure adjustment

Benefits for end users

- High-quality appearance thanks to flush latch position
- Wear-resistant magnetic technology – no slamming latches
- Pleasant acoustics
- Also suitable for retrofitting

Magnetic lock 111: Rebated doors with a feel-good factor.



A high level of room comfort is offered to end users by the new magnetic lock 111, which is ideal for rebated timber interior room doors. It also scores on the topic of processing comfort because it offers door fabricators tangible benefits in production. The two fixing points, for example, contribute to this by connecting the PVC backing quickly and reliably with the striker plate. On the frame side, the new lock impresses with its closing pressure adjustment mechanism and extremely flat magnet. The latter lets you install the magnet on the frame side without additional milling.

Benefits for fabricators

- Lock construction as per DIN 18251-1 and thus can be used as a 1:1 substitute for conventional mortise door locks
- Continuous backing, which makes a third fastening hole between the latch and the deadbolt possible
- 2 fixing points for a solid hold between the PVC backing and striker plate
- File-down tappets in the striker plate permit contact pressure control
- No readjustment of the milling machines because of DIN compliance
- Can be delivered as a profile cylinder, lever lock or WC design and as a latch lock
- Low-maintenance magnetic latch

Benefits for end users

- No protruding corners or edges when open
- High-quality appearance
- The latch does not strike the frame
- Quiet, barely audible closing of the door
- The latch is triggered with state-of-the-art, neodymium magnetic technology
- High level of functional safety due to high quality materials
- The magnet cannot be removed when installed
- Smooth-running and maintenance-free

Magnetic lock 116: Aesthetics for flush-closing doors.



The KfV magnetic lock 116 offers a successful synthesis of elegant appearance and maximum comfort for flush-closing doors. The omission of a flanged striker not only promotes the impression of elegance, it also dispenses with the otherwise extensive manual working of the plate. Instead, only a simple milling process is required on the frame that minimises the installation costs and the wear. The rotatable magnetic latch backing and the integrated magnetic slides are likewise beneficial. While the first one permits simple closing pressure adjustment, the latter ensures automatic readjustment if the door sags.

New in programme: Polished stainless steel faceplates as well as black and white faceplates. A latch lock at a box height of 100 mm is also available and an extension of the complete portfolio with the 65 mm backset.

Benefits for fabricators

- Lock construction as per DIN 18251-1 and thus can be used as a 1:1 substitute for conventional mortise door locks
- Closing pressure adjustment due to rotatable PVC backing
- Can be delivered as a profile cylinder, lever lock or WC design and as a latch lock
- Low-maintenance magnetic latch

Benefits for end users

- Flanged strikers are not required: attractive appearance in frame, lower installation costs
- No protruding corners or edges visible when opened — elegant design
- Latch is triggered by magnetic field — quiet door locking
- Wear-free – the latch does not strike the frame
- Rotatable magnetic latch packer to facilitate closing pressure adjustment
- Magnetic slide in striker plate — Automatic readjustment if door sags
- Smooth-running and maintenance-free
- Diversity of faceplate finishes

Technical specifications.

	Lock 111	Lock 116
MATERIAL	Stainless steel version	Stainless steel version
FACEPLATE WIDTH	18, 20 mm	18, 20 mm
FACEPLATE PROFILE:	flat, rounded, 235 mm	flat, rounded, 235 mm
BACKSET	55 mm	55 NEW: 65 mm
SPINDLE SQUARE	8 mm	8 mm
CLOSING TYPE	BB, WC, latch lock	PZ, BB, WC, Latch lock at box height: 163 mm NEW: Latch lock at box height: 100 mm
FACEPLATE FINISHES:	Brushed matt stainless steel	Brushed matt stainless steel NEW: Stainless steel polished, stainless steel painted white, Stainless steel painted black
LATCH	PVC with 2 neodymium magnets 10 mm hook bolt	PVC with 2 neodymium magnets 10 mm hook bolt
DEADBOLT	PVC, single turn 10 mm hook bolt	Nickel-plated gloss, double turn 20 mm hook bolt



	Striker plate 111	Striker plate 116
MATERIAL	Stainless steel version	Stainless steel version
WIDTH	—	18, 20 mm
LENGTH	170 mm with 8 mm height of locating leg, edged	120 mm for latch lock, 200 mm, 245 mm
SURFACES	Brushed matt stainless steel	Brushed matt stainless steel NEW: Stainless steel polished, stainless steel painted white, Stainless steel painted black
OPTIONALLY AVAILABLE	Striker plates with compression lobe, Striker plates for the latch lock without latch opening	—

SIEGENIA®
brings spaces to life

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