



Door Automation



Automatic hermetic sliding door SLX-D

Hygiene and sound insulation for sensitive areas



Sealed, hands-free access

The Kaba SLX-D automatic hermetic door meets the highest hygiene specifications for use in clinically-clean rooms, while permitting hands-free access. No need to touch possibly unclean door handles. A major contribution to manual hygiene, in order to hinder the spread of germs, bacteria and viruses, and thus preventing infections. Hermetic doors gain major importance, even wherever there are uncontrolled draughts and unwanted noise emissions.

Hygienic and functional



In sensitive areas, where airtight doors and hands-free access are a top priority for guaranteeing optimal hygiene or sound-proofing, the universal SLX D drive unit is the ideal choice. It is suitable for doors in hospitals, operating rooms, laboratories, in the pharmaceutical and food industries, conference rooms, offices or music rooms and elsewhere.

High degree of tightness

Tightly sealed doors are an indispensable prerequisite in operating rooms. The tested SLX-D door system with patented pivoting mechanism allows achieving ideal solutions and covers a wide range of requirements. Any unwanted exchange of air as well as the penetration of foreign particles and impurities are prevented. The required pressure hierarchy can be maintained.

Controlled hygiene

Automatic hermetic doors offer many more advantages. They ensure convenient hands-free access. Automatic opening and closing mean smoother working procedures. There is no longer any need to touch possibly unclean door handles, which helps prevent the spread of the viruses and bacteria that can create sources of infection

User-friendly and convenient



Our wide range of control elements offers maximum convenience for the user. A full selection of impulse elements designed to meet the needs of the user helps provide ideally-configured access points.

User safety

The Combi-Scan or Side-Scan presence detectors integrated into the drive unit offer protection to door users while they remain in the operating area of moving doors.



Opening elements

Large optical pushbuttons and/or movement sensors integrated into the drive mechanism ensure smooth, hands-free access.



Controlled access

Pushbuttons, elbow-activated switches or other access systems can be selected for a controlled opening.



Door-opening in the event of a power failure

The operating lever allows you to open the door manually in the event of a power failure, even if there are differences in pressure.

Individual door wings provide specific solutions



The SLX-D sliding door system can be combined with a wide range of wings. Depending on requirements, there is an ideal solution for any situation. Further available options include windows with UV-absorbing foil materials and windows with blinds or pressure-compensation bars.

Door frames

- Single frame made of aluminium profile sections
- Double frame made of aluminium profile sections, with intermediate section made to match door wing

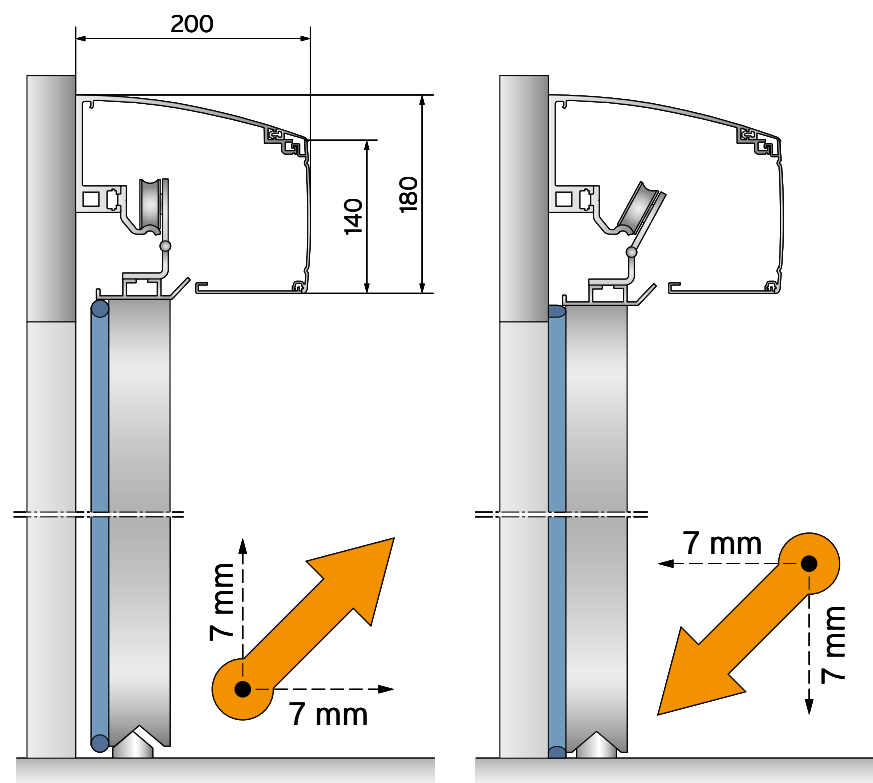


Our range of standard door wings

| | Hermetic | Sound-insulated up to 32 dB |
|-----------------------------|---|-----------------------------|
| Wing finish | Formica-high pressure laminate or polished stainless steel | |
| Wing frame | Colourless anodised aluminium | |
| Emergency-opening mechanism | Emergency operating lever with colourness anodised finish | |
| Window types | - 2 x 6 mm ESG, for flush mounting - IV 24 mm - 6 mm ESG | |
| Frame | • Single frame • Double frame, wall thickness 70 - 600 mm Colourless anodised aluminium | |
| X-ray shielding | With lead insert and special window (for hermetic doors only) | |



Patented pivoting mechanism



SLX-D drive unit with drip-off covering, running carriage shown in open door position.

Door in lowered and closed position, the wing offers a tight all-round seal.

During the closing movement, the pivoting mechanism integrated into the drive unit causes the wing to be simultaneously lowered and pressed against the door frame. The lowering movement and all-round gaskets provide the door with a hermetic seal.

Functional and compact

The drive system, which is based on the components of the innovative SLX generation, offers all the advantages of the latest in door technology. Thanks to the rounded shape of the aluminium drive covering, the cleaning product can easily drip off. Drive mechanism, door leaf surface and seals are designed to withstand the cleaning products that are commonly used in the healthcare sector.

Technical data

| | |
|---------------------|----------------------------------|
| Mains power supply | 230 VAC, 50 Hz 115 VAC, 60 Hz |
| Protection rating | IP 20 |
| Control voltage | 24 VDC |
| Power consumption | 280 W |
| Ambient temperature | - 15 ... + 50 C |

Application limits

Single-winged version

| | |
|---------------------|---|
| Clearance width LB | 800 2000 mm |
| Clearance height LH | optimal 2100 mm possible up to 2400 mm |
| Max. wing weight | 120 kg |

Thoroughly tried and tested



Safety-tested

Our automatic doors meet the most exacting specifications when it comes to quality and safety. Kaba door systems are designed to comply with all the relevant standards and specifications.

Test procedures

- TÜV-tested in accordance with DIN 18650-1/2
- Air permeability rated as per EN 12207, class 2
- Sound-insulated up to 32 dB



Your regional specialist for automatic doors



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