

Smoke-proof sliding door

record 16 RS



Functional, dependable and safe.



record

your global partner for entrance solutions

record 16 RS smoke-proof sliding door

- dependable in daily use
- smoke-proof in emergencies

The record 16 RS smoke-proof sliding door satisfies both requirements.

- Our proven system 16 operator ensures dependable, whisper-quiet operation and enhances user-friendliness.
- Microprocessor-control allows dependable deployment of a full range of functions.
- Should a fire break out, doors close automatically. Then, special seals located along the vertical and horizontal door edges emerge automatically.
- In addition, along the top and bottom of the door profiles, an automatic seal of type "Stadi" seals fully the remaining gaps at the top and towards the floor.

The record 16 RS is available in smooth aluminium profiles (30 mm) or heavy-duty aluminium profiles (65 mm) for both single and bi-parting sliding doors.

More security and convenience with the record 16 RS

The safety certificate reads as follows: "DIN 18095 smoke proof doors have been developed to make rescue possible without the need for protective equipment. If a fire should break out, the doors prevent smoke from escaping from entrances and exits."

Automatic sliding doors fitted with one or two leaves such as the record 16 RS are ideal for closing off rooms and other constructional features from each other.

The door is designed to function at room temperature or colder, and in non-corrosive environments. It thus conforms to government regulations for building and construction as a "self-closing, smoke-proof barrier" and "smoke-proof barrier".

Test certificates DIN 18095 and DIN EN 1634-3.

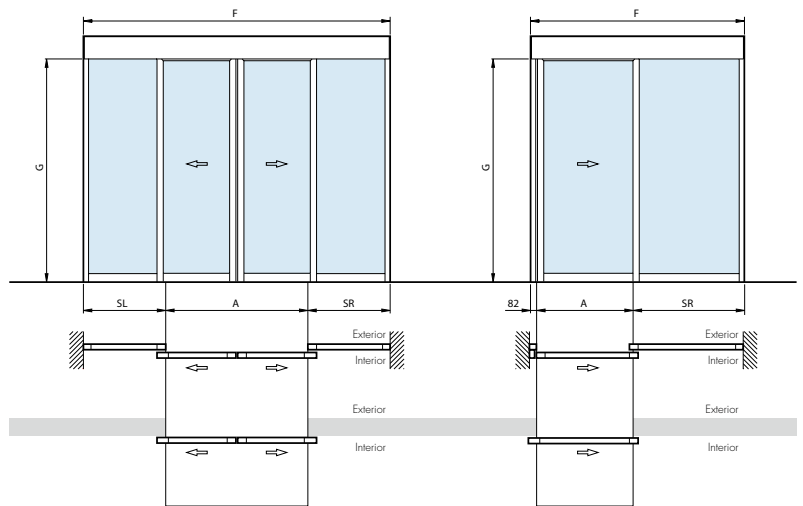
Technical specification

- The RS is fitted with record's proven system 16 operator fitted with two motors.
- Battery equipped for a minimum of 10 minutes emergency operation, including final shutting and locking.
- Smoke alarm switch.
- Emergency opening switch on both door sides.
- Manual opening on both door sides.





Technical data



Model	Clear height of passage G	Clear opening width A
D-STA Bi-part	max. 2500 mm	1200 – 2400 mm
D-STA Bi-part	max. 3200 mm	1500 – 2400 mm
E-STA single	max. 3200 mm	800 – 1600 mm
Maximum weight of door leaves		
Standard		
D-STA		max. 2 x 200 kg
E-STA		max. 1 x 250 kg
Casing dimensions (see assembly instructions)		
Height		200 mm
Depth		200 mm
Door movements (with door leaves 75 % of maximum weight)		
Biparting sliding door (D-STA)		0.7 m in 1.0 sec.
Single sliding door (E-STA)		0.7 m in 1.5 sec.
Electrical connection data		
Mains voltage (NET 16 / 230 V)		230 V, 50 / 60 Hz
Rated capacity		200 W
Fuse protection		min. 2.5 A slow
Environmental conditions		
Electrical operation		
Temperature range		-15° to + 100 °C
Humidity		up to 85 % relative humidity, non-thawing
Mechanical opening with manual unlocking		
Temperature range		-15° to + 200 °C

A = passage width
 F = length of the drive support
 2-leaves $2 \times A + 200$ mm
 1-leaf $2 \times A + 160$ mm

G = passage height
 SL = side screen left
 SR = side screen right



control unit BDE-E

Discover the ideal solution with record, your partner in door automation

Drive technology for pedestrian entrances and industrial applications

- Automatic sliding doors, curved, straight, angular, reinforced, slim-line, with 1 or 2 leaves
- Swinging
- Folding
- Telescopic
- Revolving doors
- High speed gates
- Range of sensors

Security

Protection of people

- Fire-proof doors
- Smoke-resistant doors
- Air tight doors
- Doors for emergency exits

Protection of buildings

- Burglar-resistant safety doors
- Safety doors and interlocks for controlled passage
- "one-way" corridors
- Security doors

Centralised monitoring

- Door management system for building access control
- Alarm system and diagnostics
- Interfaces

Maintenance

- Tailored advise
- Custom-built advise
- Engineering professionalism
- Maintenance of all automatic doors
- Troubleshooting hotline
- Renovation
- Remote control maintenance

Special solutions

- Door systems for specific applications

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