

30.63

30.63.19-a HORIZONTAL SLIDING DOOR

0. HORIZONTAL SLIDING DOOR

Manufacturer: Metaflex Doors Europe BV

Type: Metaflex Medinox

- Airtight: class D according to DIN EN 1026
- Noise-reducing up to $R_w = 33$ dB (door leaf value) and $R_w'p = 30$ dB (practice value), according to ISO10140-1:2021 and ISO 717-1:2020.

Clear width (mm): determine from the drawing. Free passage - 120 mm.

Clear height (mm): determine from drawing

Door leaf:

- door blade: 60-mm thick with a polyurethane core, made entirely in 1.5-mm brushed, 304 stainless steel.
- sealing: the door blade is equipped with a three-sided rubber sealing profile. A drag rubber is mounted on a special guide on the bottom.
- opener: special stainless-steel inside-outside opener with lever principle.

Frame:

- Single-sided, 1.5-mm brushed stainless-steel stop profile, reveal finish by third parties.

Rail construction:

- aluminum rail construction, hermetically sealed, with a sloping and detachable stainless-steel cover.

Accessories:

- facilities to be incorporated in the walls for affixing the door, rail, and similar components to be provided by third parties.

Options:

- Radiation resistant version: door and frame, lead thickness up to 3 mm
- glass opening: double glazing, laminated glass, flush with the door surface on both sides, dimensions determined in consultation.
- glass opening: double glazing, laminated glass, flush with the door on both sides, with blinding slats, Screenline type with manual operation on one side, dimensions determined in consultation.
- medical earthing: the door blade, rail, cover, mechanism, and frame are grounded via a sliding contact, including the insulated building mass for Class 2 and 3 rooms.
- Helsinki-type Metaflex wall and frame, consisting of a single-sided, brushed 304 stainless-steel stop profile with a revealing finish in the same version as the door blade.

4. FINISHING WORK ADJUSTMENTS & LEVELLING

Finishing on behalf of a subcontractor

SL Hygienic Medinox

6. SLIDING DOOR MECHANISM (OPTION)

Manufacturer: Metaflex Doors Europe BV

Drive:

- electrical automation, type SDA-05 PRO with Power Supply. Microprocessor controlled and regulated electromechanical sliding door operator (230 Vac) prepared for connection to optional BMS and equipped with fault indication, to be read via QR code. In case of power failure the door can be opened manually. Opening speed adjustable up to max. 800 mm/sec.

Security:

- I.R. daylight protection above the clearance opening.
- continuous control of the door speed.

Pulse sensors:

- nylon, ES1-type elbow switches on both sides of the door.

Sluice operation function:

- provided as standard with lock function control between this door and 9 more doors by means of CAN bus connection, provided with SDA automation by means of interruption of the control circuit; if several doors are put into lock function, an optional interlock control is required.

Lock:

- the door is equipped with a motor blockage that can lock the door if desired.

Options:

- electric balance lock.
- touch-free, MS1-type radar switches on both sides of the door.
- Stainless-steel, VS2-type footswitches on both sides of the door.
- Built-in, stainless-steel VS3-type foot sensors on both sides of the door.
- Battery Pack instead of Power Supply which can also serve as an emergency power supply in case of power failure.

01. INSIDE DOOR

On-site sliding door from