

Sealed hinged door

The frame made of ground or painted stainless steel can be produced individually adapted to the installation situation. The door leaf is also available in ground or painted stainless steel. The hinged door can be designed to open to the right or left and is therefore suitable for all room constellations. The

air permeability has been tested and corresponds to class 4 according to EN12207, which prevents overpressure and under-pressure compensation. The door is perfectly suited for clean rooms, especially laboratory rooms and operating and quarantine rooms.

Dimensions

Clear frame width (=A)	670 - 1300 mm
Frame outer dimension	A + 140 mm
Clear inner width	A - 25 mm
Frame height (=C)	2100 mm
Wall thickness (=B)	100 - 200 mm optional up to 450 mm
Door leaf width	A + 20 mm
Test certificate	air permeability according to EN 12207 class 4

Frame

Material	ground stainless steel V2A (Mat.no. 1.4301) optional: painted according to RAL or NCS colour chart
Frame type	closed frame two-part frame for later installation

Door hinges

Hinge type	solid, two-dimensionally adjustable stainless steel object door hinges
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Door leaf

Surface	ground stainless steel optional: painted according to RAL or NCS colour chart
Sealing system	drive-over threshold with floor seal
Weight	max. 300 kg
Door handles	bow handles on both sides handle set

Drive

Drive type	automatic drive ED 250 (from 1070 mm door leaf width)	with / without overhead door closer
Operation	button, fitted by customer	manual
Design	standard rod assembly (pushing) sliding rail (pulling)	standard rod assembly (pushing) sliding rail (pulling)
Opening angle	max. 110°	max. 110° / max. 175°

Special fittings

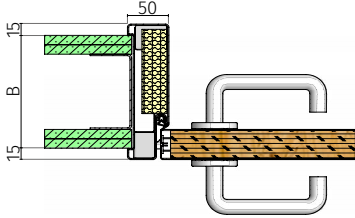
X-ray protection	Pb 0.5 - 3 mm > 3 mm as heavy duty x-ray protection hinged door available
Laser protection	according to DIN EN 12254:2012-04 screens for laser working places
Inspection window	rectangular: 400 x 600 mm / 600 x 600 mm / 400 x 1500 mm round: Ø 400 mm (without blinds)
Venetian-/ roller blinds / LC glass	flush-mounted rotary switch button in frame optional: HT Control red glass for keeping small domestic animals
Locking system	mortise lock locking system with sluice function possible
Operation	door push bar code device large-area button non-contact buttons HT Control
Door leaf core	water resistant waterproof
Safety	according to DIN EN 16005:2013-01 Power operated pedestrian doorsets infrared sensor bar flat scan

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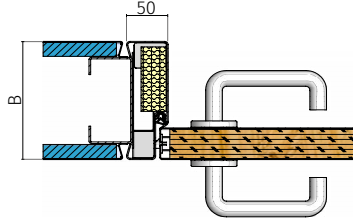


Wall connections

Plasterboard wall



Panel wall



Masonry

