

## Fire protection hinged door EI<sub>2</sub>30 S<sub>200</sub> C5

The frame made of ground or painted stainless steel can be produced within the certified dimensions adapted to the installation situation. The door leaf is also available in ground or

painted stainless steel. The hinged door either opens to the right or left and is therefore suitable for all room constellations.

### Dimensions

Clear frame width (=A)	670 - 1380 mm
Frame outer dimension	A + 100 mm
Clear inner width	A - 60 mm
Frame height	2100 mm   optional up to 2700 mm
Wall thickness (=B)	(100) 150 - 200 mm   optional up to 450 mm

### Frame

Material	ground stainless steel   optional: painted according to RAL or NCS colour chart
Frame type	closed frame   two-part frame for subsequent installation

### Door leaf

Surface	standard: ground stainless steel   optional: painted according to RAL or NCS colour chart   laminated with one-pane safety glass 6 mm according to RAL or NCS colour chart
Weight	max. 300 kg
Door handles	lever handle in accordance to EN 1906

### Fire protection classification EI<sub>2</sub>30-S<sub>200</sub>-C5

Fire protection	EI <sub>2</sub> 30 in accordance with EN 1634-1
Smoke protection	S <sub>200</sub> in accordance with DIN EN 1634-3
Permanent function	C5 very frequent operation (200000 cycles) in accordance with EN 1191
Noise insulation value	R <sub>w</sub> = 37 dB in according to DIN EN ISO 10140-2

### Drive

Drive type	Dorma ED 100 automatic drive (≤ 100 kg) up to 1070 mm door leaf width	Dorma ED 250 automatic drive (≥ 100 - 250 kg) up to 1400 mm door leaf width	overhead door closer Dorma TS73 or TS95; door closer according to DIN EN 1154; hold-open system according to EN 1155
Operation	button in frame   door push bar	button in frame   door push bar	manual
Closure in case of fire	Dorma locking system	Dorma locking system	Dorma locking system
Opening angle	max. 110°	max. 175°	max. 110°

### Special fittings

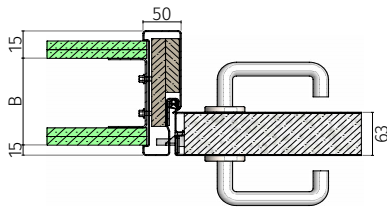
X-ray protection	Pb 0.5 - 3 mm
Inspection window	rectangular fire resistant glazing: EI <sub>2</sub> 30 210 - 1000 mm x 600 - 2000 mm
Venetian-/roller blinds	flush-mounted rotary switch   HT Control
Locking system	mortise lock according to EN 12209   locking via drive with sluice function possible
Operation	frame button set   wall push-button set   code device   large-area button   non-contact buttons   HT Control
Safety	according to DIN EN 16005:2013-01 Power operated pedestrian doorsets - Safety in use   infrared sensor strip   flat scan

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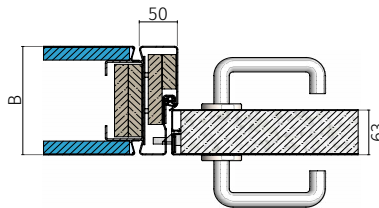


**Wall connections**

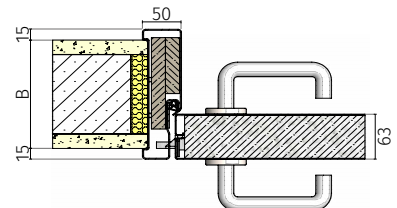
Plasterboard wall\*



Panel wall\*



Masonry\*



\*the standard versions are shown

