HINGED DOOR
HINGED DOOR – SINGLE-LEAF

Automatic system pushing direction

Automatic system pulling direction

(Opening direction DIN R)
HINGED DOOR
HINGED DOOR – SINGLE-LEAF

The frame is made of powder-coated sheet steel or ground stainless steel. The door panel is made of laminate, of powder-coated white pre-coated sheet steel or of ground stainless steel. The hinged door opens either from the right or left. Particularly well suited for small rooms or tight room configurations.

### DIMENSIONS
- **Clear frame width (=A)**: 670–1300 mm
- **Frame outer dimension**: A + 100 mm
- **Clear inner width**: A – 25 mm
- **Frame height**: 2100 mm
- **Wall thickness (=B)**: 100–200 mm I optionally up to 450 mm (with surcharge)

### FRAME
- **Material**: standard: ground stainless steel I optional: powder-coated (with surcharge)
- **Frame type**: closed frame

### DOOR PANEL
- **Surface**: standard: ground stainless steel I optional: powder-coated (with surcharge)
- **Weight (door panel)**: max. 250 kg
- **Locking system**: mortise lock
- **Door handles**: bow handles on both sides (automatic) I handle set (manual)
- **Colour optional**: according to colour chart

### WALL CONNECTIONS
- **Plasterboard wall**
- **Panel wall**
- **Masonry**

### DRIVE
- **ED 100/250 automatic drive** (from 100 kg or 1070 mm clear frame width) without
  - **Operation**: button, fitted by customer
  - **Design**: standard rod assembly I sliding rail
  - **Opening angle**: max. 110° I max. 175°

### SPECIAL FITTINGS
- **X-ray protection**: Pb 0.5–3 mm
- **Inspection window**: rectangular: 400/600 mm I 600/600 mm I 400/1500 mm I round: Ø 400 mm (without venetian blinds)
- **Venetian/roller blinds I LC glass**: management with HT Control
- **Locking system**: locking system with sluice function possible
- **Operation**: frame button set I code device I large-area button I infrared sensor strip I non-contact buttons I HT Control
- **Door panel core**: waterproof

Version November 07th 2016 – subject to technical alterations
HINGED DOOR
HINGED DOOR – DOUBLE-LEAF

Automatic system pushing direction

Automatic system pulling direction

1,550 mm

A + 100 mm

21,000 mm (if operated by hand)

2130 mm

80 mm

2050 mm

2155 mm

105 mm

2115 mm

A

B
HINGED DOOR
HINGED DOOR – DOUBLE-LEAF

The frame is made of powder-coated sheet steel or ground stainless steel. The door panel is made of laminate, of powder-coated white pre-coated sheet steel or of ground stainless steel. Thanks to its width, the door is especially well designed for daily work.

DIMENSIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear frame width (=A)</td>
<td>1230–1900 mm</td>
</tr>
<tr>
<td>Frame outer dimension</td>
<td>A + 100 mm</td>
</tr>
<tr>
<td>Clear inner height</td>
<td>A – 50 mm</td>
</tr>
<tr>
<td>Frame height</td>
<td>2100 mm</td>
</tr>
<tr>
<td>Wall thickness (=B)</td>
<td>100–200 mm I optionally up to 450 mm with surcharge</td>
</tr>
</tbody>
</table>

FRAME

Material: standard: ground stainless I optional: powder-coated (with surcharge)
Frame type: closed frame

DOOR PANEL

Surface: standard: ground stainless I optional: powder-coated (with surcharge)
Weight (door system): max. 250 kg
Locking system: mortise lock
Door handles: bow handles on both sides
Colour optional: according to colour chart

WALL CONNECTIONS

Plasterboard wall
Panel wall
Masonry

DRIVE

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 100/250 automatic drive</td>
<td>(from 100 kg or 1070 mm clear frame width)</td>
</tr>
<tr>
<td>without</td>
<td></td>
</tr>
<tr>
<td>Operation</td>
<td>button, fitted by customer</td>
</tr>
<tr>
<td>Design</td>
<td>standard rod assembly I sliding rail (from 1750 mm)</td>
</tr>
<tr>
<td>Opening angle</td>
<td>max. 115°</td>
</tr>
</tbody>
</table>

SPECIAL FITTINGS

X-ray protection: Pb 0.5–3 mm
Inspection window: rectangular: 400/600 mm I 600/600 mm I 400/1500 mm I round: Ø 400 mm (without venetian blinds)
Venetian/roller blinds I LC glass: management with HT Control
Locking system: locking system with sluice function possible
Operation: frame button set I code device I large-area button I infrared sensor strip I non-contact-buttons I HT Control
Door panel core: waterproof
HINGED DOOR
EI₃₀ HINGED FIRE PROTECTION DOOR

A + 150 mm

1550 mm

2125 mm

A

B

Opening direction (opens on the right)
**HINGED DOOR**

**EI₂₃₀ HINGED FIRE PROTECTION DOOR**

Frame and door panel are made of powder-coated sheet steel or ground or powder-coated stainless steel. The fire protection hinged door opens either from the right or left.

### DIMENSIONS
<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Clear frame width (=A)</td>
<td>670–1300 mm</td>
</tr>
<tr>
<td>Frame outer dimension</td>
<td>A + 150 mm</td>
</tr>
<tr>
<td>Clear inner width</td>
<td>A – 25 mm</td>
</tr>
<tr>
<td>Frame height</td>
<td>2125 mm</td>
</tr>
<tr>
<td>Wall thickness (=B)</td>
<td>100–200 mm optionally up to 450 mm (with surcharge)</td>
</tr>
</tbody>
</table>

### FRAME
- **Material**: standard: ground stainless steel | optionally: powder-coated (with surcharge)
- **Frame type**: closed frame

### DOOR PANEL
- **Surface**: standard: ground stainless steel | optionally: powder-coated (with surcharge)
- **Weight (door panel)**: max. 250 kg
- **Door handles**: bow handles | recessed handles on both sides
- **Colour optional**: according to colour chart

### FIRE PROTECTION CLASSIFICATION EI₂₃₀
- **General building approval**: in accordance with DIN/EU/VKF
- **Sealing system**: all-round door panel sealing
- **Smoke protection**: smoke detector
- **Manual release button**: for the manual closing of the door

### WALL CONNECTIONS
- **Plasterboard wall**
- **Panel wall**
- **Masonry**

### DRIVE
- **Dorma ED 250 automatic drive**
- **Handrail**
  - Operation: button, fitted by customer
  - Manual

### SPECIAL FITTINGS
- **X-ray protection**: Pb 0.5–3 mm
- **Inspection window**: Fire resistant glazing EI 30:
  - Rectangular: 210–800 x 600 – 1500 mm
  - Round: Ø 400, 500 mm
- **Venetian/roller blinds I LC glass**: management with HT Control
- **Operation**: wall-mounted pressure strip | code device | large-area button | infrared sensors | automatic closure | HT Control
- **Locking system**: locking system with sluice function
HINGED DOOR
X-RAY PROTECTION DOOR

Door panel and frame are made of powder-coated sheet steel or ground stainless steel. X-ray protection is possible as standard of up to 3 mm Pb. The single-leaf hinged door opens either from the right or left.

**DIMENSIONS**

<table>
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<tr>
<th>Dimension</th>
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<tbody>
<tr>
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<tr>
<td>Door panel width</td>
<td>A + 20 mm</td>
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</tbody>
</table>

**FRAME**

- Material: standard: ground stainless steel I optional: powder-coated (with surcharge)
- Frame type: closed frame

**DOOR PANEL**

- Surface: standard: ground stainless steel I optional: powder-coated (with surcharge)
- Lead inserts: Pb 0.5–3 mm
- Weight (door panel): max. 250 kg
- Door handles: bow handles on both sides I handle set (manual)
- Colour optional: according to colour chart

**WALL CONNECTION**

- Plasterboard wall
- Panel wall
- Masonry

**DRIVE**

- **ED 100/250 automatic drive**
  - (from 100 kg or 1070 mm clear frame width)
  - without
- Operation: button, fitted by customer I manual
- Design: standard rod assembly I sliding rail
- Opening angle: max. 110° I max. 175°

**SPECIAL FITTING**

- Inspection window: x-ray protection glazing
  - rectangular: 400/600 mm I 600/600 mm I 400/1500 mm
  - round: Ø 400 mm (without venetian blinds)
- Venetian/roller blinds I LC glass: management with HT Control
- Locking system: locking system with sluice function
- Operation:
  - wall-mounted pressure strip I code device I large-area button I infrared sensor strip I non-contact buttons I HT Control
  - Door panel core: waterproof
HINGED DOOR
SEALED HINGED DOOR

Automatic system pushing direction

Automatic system pulling direction

Opening direction DIN R

Floor seal

A + 100 mm

2100 mm (if operated by hand)

2130 mm

80 mm

2050 mm

2050 mm

2115 mm

A + 100 mm

1550 mm

2100 mm
HINGED DOOR
SEALED HINGED DOOR

Door panel and frame are made of powder-coated sheet steel or ground stainless steel. The sealed hinged door allows neither a circulation of air nor of noise and additionally an equalisation of positive and negative pressure is prevented, as a result of which it is perfectly suited for clean rooms, in particular operating or quarantine rooms.

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FRAME

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<td>Material</td>
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<td>Frame type</td>
<td>closed frame</td>
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DOOR PANEL

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<tr>
<td>Surface</td>
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<tr>
<td>Weight (door panel)</td>
<td>max. 250 kg</td>
</tr>
<tr>
<td>Door handles</td>
<td>bow handles on both sides I handle set (manual)</td>
</tr>
<tr>
<td>Sealing system</td>
<td>with floor sealing</td>
</tr>
<tr>
<td>Colour optional</td>
<td>according to colour chart</td>
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WALL CONNECTIONS

<table>
<thead>
<tr>
<th>Wall Type</th>
<th>Diagram</th>
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<tbody>
<tr>
<td>Plasterboard</td>
<td><img src="image" alt="Diagram" /></td>
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<tr>
<td>Panel wall</td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td>Masonry</td>
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DRIVE

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SPECIAL FITTINGS

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<tr>
<th>Feature</th>
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<td>Inspection window</td>
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<tr>
<td>Door panel core</td>
<td>waterproof</td>
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