



Lindner Hinged Door Swing Variodata (double-leaf) – Exemplary image.

## Description

Lindner hinged doors are suitable for various applications. Originally developed for use in clean rooms, they also perform excellently in areas with the most stringent requirements and are tailored in detail to these areas of application.

The Lindner Swing Variodata door can be implemented as a complete package with automatic drive, lock control, holding magnet or other electrical components. Whether for simple manual use, automated or as a complex system integrated into airlock controls - the options are almost limitless. The door leaf has a thickness of 50 mm.

Specially developed solutions can be implemented for specific projects at any time.



## Fields of application

- Laboratories
- Clean rooms



For further information please visit  
[www.Lindner-Group.com](http://www.Lindner-Group.com)

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## 1. Door leaf

Number of door leaves	<ul style="list-style-type: none"> <li>• Single-leaf door</li> <li>• Double-leaf door</li> </ul>
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### 1.1 Door leaf

Frame material	<ul style="list-style-type: none"> <li>• Aluminum profile   thickness: 2,00 mm</li> </ul>
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Door filling material	<ul style="list-style-type: none"> <li>• - Galvanized sheet steel (thickness 0,75 mm)</li> <li>• - Aluminum (thickness 1,00 mm)</li> <li>• Glazing: TSG, LSG, insulated glazing</li> </ul>
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Surface	<ul style="list-style-type: none"> <li>• Powder coated RAL 9010</li> <li>• Powder coated according to RAL</li> <li>• Powder coated according to NCS</li> <li>• CoilCoating RAL 9010</li> </ul>
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### 1.2 Built-in components / Extensions

Handle options	<ul style="list-style-type: none"> <li>• Knob / Knob</li> <li>• Handle / Knob</li> <li>• Handle / Handle</li> </ul>
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Hinges	<ul style="list-style-type: none"> <li>• VX – hinges</li> <li>• Surface screwed hinges</li> </ul>
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Main locks	<ul style="list-style-type: none"> <li>• Mortise lock class 4</li> <li>• Panic mortise lock</li> <li>• Profile cylinder</li> </ul>
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Door sealing	<ul style="list-style-type: none"> <li>• Frame sealing</li> <li>• Floor sealing (optional)</li> </ul>
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Glazing (optional)	<ul style="list-style-type: none"> <li>• Without blind / roller blind</li> <li>• With internal electric blind</li> <li>• With internal electric roller blind</li> </ul>
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Installation variant of glazing	<ul style="list-style-type: none"> <li>• clip-in variant with window bars</li> </ul>
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Additional hardware	<ul style="list-style-type: none"> <li>• Additional locks</li> <li>• Reed switches</li> <li>• Electric opener</li> <li>• Strike plate</li> </ul>
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## 2. Frame

Material	<ul style="list-style-type: none"> <li>Aluminum profile   thickness: 2,00 mm</li> </ul>
Surface	<ul style="list-style-type: none"> <li>Powder coated RAL 9010</li> <li>Powder coated according to RAL</li> <li>Powder coated according to NCS</li> </ul>
Controls	<ul style="list-style-type: none"> <li>Operation button <sup>1)</sup></li> <li>Pad switch <sup>1)</sup> (<i>integrated in the adjacent wall</i>)</li> </ul>
Controls / Signals (optional)	<ul style="list-style-type: none"> <li>Button for operating the integrated electric blinds and roller blinds</li> <li>Emergency button (for interlocking)</li> <li>Traffic light LED-RGB (for interlocking)</li> </ul>

1) Only available with automatic drives.

## 3. Door Drive / Door Closer

Door closer	<ul style="list-style-type: none"> <li>Overhead door closer</li> </ul>
Drive type	<ul style="list-style-type: none"> <li>Automatic door drive <i>according to DIN EN 16005 / DIN 18650</i></li> </ul>
Special function (optional)	<ul style="list-style-type: none"> <li>Airlock function <i>according to requirement</i></li> </ul>

## 4. Safety Precautions

Sensors (optional)	Door movement monitoring according to DIN 18650 and DIN EN 16005
Door leaf monitoring	Electronic monitoring of dynamic force limitation when opening and closing; the door stops and remains stopping as soon as the allowable resistance is exceeded.

## 5. Performance

Fire protection	T0
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